TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

FILE COPY

ANALYTICAL REPORT

CHECKED FOR COMPLETENESS OF PARAMETERS ORDERED BY:

3/12/10

Job Number: 360-24665-2

SDG Number: OCRI-17A

Job Description: Olin Chemical Superfund Site

For:
Olin Corporation
3855 North Ocoee Street
Suite 200
Cleveland, TN 37312-4441

Attention: Mr. Steven Morrow

Approved for release.
James T Wickham
Technology Manager
10/29/2009 10:45 AM

Designee for
Becky C Mason
Project Manager II
becky.mason@testamericainc.com
10/29/2009

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Westfield Certifications and Approvals: MADEP MA014, RIDOH57, CTDPH 0494, VT DECWSD, NH DES 2539, NELAP FL E87912 TOX, NELAP NJ MA008 TOX, NELAP NY 10843, NY ELAP 10843, North Carolina 647, NELAP PA 68-04386. Field sampling is performed under SOPs WE-FLD-001 and WE-FLD-002.

TestAmerica Laboratories, Inc.
TestAmerica Westfield Westfield Executive Park, 53 Southampton Road, Westfield, MA 01085
Tel (413) 572-4000 Fax (413) 572-3707 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	**TestAmerica Westfield**	Project #:	**360-24665-2**
Project Location:	**Wilmington, MA**	MADEP RTN[1]:	

This form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
360-24665-(14,18)

Sample Matrices:	Groundwater	**Soil/Sediment**		Drinking Water	Other:	
MCP SW-846 Methods Used	8260B( )	8151A ( )	8330 ( )	6010B ( )	7470A/1A ( )	Other ( )
	8270C(**X**)	8081A ( )	VPH ( )	6020 ( )	9014M[2]/9012 ( )	
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S[3]( )	7196A ( )	

1 List Release Tracking Number (RTN), if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	Yes √		No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes √		No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, " Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes √	N/A	No[1]
D	**VPH and EPH methods only:** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	Yes	N/A √	No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes		No[1] √
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes √	N/A	No[1]

[1] All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: **Position:** Technical Manager

Printed Name: James Wickham **Date:** 10/28/09 16:18

The certification form has been electronically signed and approved. CAM VII A, Rev 3.2 April-04

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MADEP MA014
NY DOH 10843
RI DOH 57
CT DPH 0494
VT DECWSD

NELAP FL E87912 TOX
NELAP NJ MA008 TOX
NELAP NY 10843
NH DES 253901-A

TestAmerica Westfield
53 Southampton Rd,
Westfield, MA 01085
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MADEP MCP Analytical Method Report Certification Form

Laboratory Name:	**TestAmerica Westfield**	Project #:	**360-24665-2**
Project Location:	**Wilmington, MA**	MADEP RTN[1]:	

This form provides certifications for the following data set:[list Laboratory Sample ID Number(s)]
360-24665-(14,18)

Sample Matrices:	Groundwater	**Soil/Sediment**		Drinking Water	Other:	
MCP SW-846 Methods Used	8260B( )	8151A ( )	8330 ( )	6010B (**X**)	7470A/1A ( )	Other ( )
	8270C( )	8081A ( )	VPH ( )	6020 ( )	9014M[2]/9012 ( )	
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S[3]( )	7196A ( )	

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2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S - SW-846 Methods 7000 Series List individual method and analyte.

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A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	Yes √		No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes √		No[1]
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, " Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes √	N/A	No[1]
D	**VPH and EPH methods only:** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	Yes	N/A √	No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	Yes		No[1] √
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes √	N/A	No[1]

[1] All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: **Position:** Technical Manager

Printed Name: James Wickham **Date:** 10/28/09 16:18

The certification form has been electronically signed and approved. CAM VII A, Rev 3.2 April-04

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NELAP NY 10843
NH DES 253901-A

TestAmerica Westfield
53 Southampton Rd,
Westfield, MA 01085
Tel:(413)572-4000
Fax:(413)572-3707

CASE NARRATIVE

Client: Olin Corporation

Project: Olin Chemical Superfund Site

Report Number: 360-24665-2

Samples were analyzed in accordance with analytical methods, SOPs, and QA/QC goals described in the Olin Chemical Superfund Site Remedial Investigation /Feasibility Study Work Plan Volume III-B Quality Assurance Project Plan (QAPP) August 14, 2009. Analytical methods include USEPA published methods for the majority of analytes. Custom laboratory methods that were developed by Test America are also used for a subset of analytes as described in the QAPP. Analytical QA/QC goals from the Massachusetts Contingency Plan (MCP) Compendium of MCP Methods published by the Massachusetts Department of Environmental Protection (MassDEP) have been identified as project goals in the QAPP for those methods addressed in the Compendium. Analytical methods are run in accordance with both USEPA methodologies and MassDEP analytical guidelines. Analytical methods meet requirements of USEPA methods and MassDEP Presumptive Certainty goals unless discussed in this narrative.

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

For those methods contained in the MassDEP Compendium, a separate MCP Analytical Method Report Certification Form is included for each method requested.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may be greater than project QLs identified in the QAPP. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes which exceed the calibration range.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 09/17/2009; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 360-24665-14 and 360-24665-18 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 8270C LL. The samples were prepared on 09/28/2009 and analyzed on 10/07/2009.

All QC performance standards identified in the project QAPP, which may affect Data Usability for this specific method, were achieved with the exception of:

For samples 360-24665-(14, 18), Benzoic acid and Di-n-butyl phthalate were detected in method blank MB 360-49545/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

For samples 360-24665-(14, 18), Aniline failed the recovery criteria low for LCS/LCSD 360-49545/2-A. Benzoic acid exceeded the rpd limit between the LCS/LCSD. Refer to the QC report for details.

General method information:

For samples 360-24665-(14,18), batch 49983. ICAL 10/6/2009 Inst B, quadratic regression used for: Phenol-d5, Aniline, Phenol, Benzyl alcohol, n-Nitroso-n-propylamine, 3&4-methylphenol, Benzoic acid, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4-Chloro-phenyl phenyl ether, 4,6-Dinitro-2-methylphenol and Pentachlorophenol.

For sample the MB, LCS/LCSD, batch 49705. ICAL 09/30/2009 Inst B, quadratic regression used for: Benzyl alcohol.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 360-24665-14 and 360-24665-18 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 09/25/2009.

All QC performance standards identified in the project QAPP, which may affect Data Usability for this specific method, were achieved with the exception of:

Tin exceeded the CRI method criteria with 62% recovery on the low reporting limit standard. The recommend MCP control criteria is 70-130%. The data has been flagged appropriately.

General method information:

Several analytes were detected in method blank MB 360-49480/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

At the request of the client, a modified MCP analyte list (TAL metals) was reported for this job.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
360-24665-14	OC-SB-406-13/15-XXX	Solid	09/17/2009 1200	09/17/2009 1630
360-24665-18	OC-SB-413-10/12-XXX	Solid	09/17/2009 1050	09/17/2009 1630

EXECUTIVE SUMMARY - Detections

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
360-24665-14	**OC-SB-406-13/15-XXX**					
Bis(2-ethylhexyl) phthalate		37	J	37	ug/Kg	8270C LL
Aluminum		10000		3.2	mg/Kg	6010B
Arsenic		1.3	J	1.3	mg/Kg	6010B
Barium		15		0.65	mg/Kg	6010B
Beryllium		0.26		0.26	mg/Kg	6010B
Cadmium		0.44		0.26	mg/Kg	6010B
Calcium		2400	B	13	mg/Kg	6010B
Chromium		27		0.65	mg/Kg	6010B
Cobalt		14		0.65	mg/Kg	6010B
Copper		57		1.3	mg/Kg	6010B
Iron		23000	B	6.5	mg/Kg	6010B
Lead		2.4		0.65	mg/Kg	6010B
Magnesium		7600	B	13	mg/Kg	6010B
Manganese		190		1.3	mg/Kg	6010B
Nickel		17		1.3	mg/Kg	6010B
Potassium		910		260	mg/Kg	6010B
Vanadium		45		1.3	mg/Kg	6010B
Zinc		37		3.2	mg/Kg	6010B
Tin		9.5	^ B	6.5	mg/Kg	6010B
360-24665-18	**OC-SB-413-10/12-XXX**					
Bis(2-ethylhexyl) phthalate		16	J	36	ug/Kg	8270C LL
Butyl benzyl phthalate		40		36	ug/Kg	8270C LL
Aluminum		7500		3.5	mg/Kg	6010B
Arsenic		2.2		1.4	mg/Kg	6010B
Barium		30		0.71	mg/Kg	6010B
Beryllium		0.26	J	0.28	mg/Kg	6010B
Cadmium		0.22	J	0.28	mg/Kg	6010B
Calcium		1700	B	14	mg/Kg	6010B
Chromium		16		0.71	mg/Kg	6010B
Cobalt		6.4		0.71	mg/Kg	6010B
Copper		24		1.4	mg/Kg	6010B
Iron		12000	B	7.1	mg/Kg	6010B
Lead		1.7		0.71	mg/Kg	6010B
Magnesium		3400	B	14	mg/Kg	6010B
Manganese		110		1.4	mg/Kg	6010B
Nickel		11		1.4	mg/Kg	6010B
Potassium		850		280	mg/Kg	6010B
Sodium		72	J	140	mg/Kg	6010B
Vanadium		20		1.4	mg/Kg	6010B
Zinc		17		3.5	mg/Kg	6010B
Tin		5.8	J ^ B	7.1	mg/Kg	6010B

METHOD SUMMARY

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organic Compounds by GCMS - Low Levels	TAL WFD	SW846 8270C LL	
Microwave Extraction	TAL WFD		SW846 3546
Metals (ICP)	TAL WFD	SW846 6010B	
Preparation, Metals	TAL WFD		SW846 3050B

Lab References:

TAL WFD = TestAmerica Westfield

Method References:

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

METHOD / ANALYST SUMMARY

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Method	Analyst	Analyst ID
SW846 8270C LL	Sullivan, Pat J	PJS
SW846 6010B	Nasiatka, Ellen M	EMN

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-406-13/15-XXX**

Lab Sample ID: 360-24665-14
Client Matrix: Solid
% Moisture: 10.8

Date Sampled: 09/17/2009 1200
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10787.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Date Analyzed:	10/07/2009 0300			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		ND		11	37
1,2,4,5-Tetrachlorobenzene		ND		11	37
1,2,4-Trichlorobenzene		ND		11	37
1,2-Dichlorobenzene		ND		11	37
1,3-Dichlorobenzene		ND		11	37
1,4-Dichlorobenzene		ND		11	37
1-Methylnaphthalene		ND		11	37
2,2'-oxybis[1-chloropropane]		ND		11	37
2,3,4,6-Tetrachlorophenol		ND		11	37
2,4,5-Trichlorophenol		ND		11	37
2,4,6-Trichlorophenol		ND		11	37
2,4-Dichlorophenol		ND		11	37
2,4-Dimethylphenol		ND		15	37
2,4-Dinitrophenol		ND		11	37
2,4-Dinitrotoluene		ND		11	37
2,6-Dinitrotoluene		ND		11	37
2-Chloronaphthalene		ND		11	37
2-Chlorophenol		ND		11	37
2-Methylnaphthalene		ND		11	37
2-Methylphenol		ND		22	37
2-Nitroaniline		ND		11	180
2-Nitrophenol		ND		11	37
3 & 4 Methylphenol		ND		11	37
3,3'-Dichlorobenzidine		ND		11	74
3-Nitroaniline		ND		11	180
4,6-Dinitro-2-methylphenol		ND		11	180
4-Bromophenyl phenyl ether		ND		11	37
4-Chloro-3-methylphenol		ND		11	74
4-Chloroaniline		ND		11	74
4-Chlorophenyl phenyl ether		ND		11	37
4-Nitroaniline		ND		11	180
4-Nitrophenol		ND		11	180
Acenaphthene		ND		11	37
Acenaphthylene		ND		11	37
Acetophenone		ND		11	37
Aniline		ND	*	11	37
Anthracene		ND		11	37
Atrazine		ND		11	37
Azobenzene		ND		11	37
Benzaldehyde		ND		11	37
Benzo[a]anthracene		ND		11	37
Benzo[a]pyrene		ND		11	37
Benzo[b]fluoranthene		ND		11	37
Benzo[g,h,i]perylene		ND		11	37
Benzo[k]fluoranthene		ND		11	37
Benzoic acid		ND	*	17	180

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-406-13/15-XXX**

Lab Sample ID: 360-24665-14
Client Matrix: Solid
% Moisture: 10.8

Date Sampled: 09/17/2009 1200
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10787.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Date Analyzed:	10/07/2009 0300			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzophenone		ND		11	37
Benzyl alcohol		ND		31	74
Bis(2-chloroethoxy)methane		ND		11	37
Bis(2-chloroethyl)ether		ND		11	37
Bis(2-ethylhexyl) phthalate		37	J	11	37
Butyl benzyl phthalate		ND		11	37
Caprolactam		ND		11	37
Carbazole		ND		11	37
Chrysene		ND		11	37
Dibenz(a,h)anthracene		ND		11	37
Dibenzofuran		ND		11	37
Diethyl phthalate		ND		11	37
Dimethyl phthalate		ND		11	37
Di-n-butyl phthalate		ND		32	37
Di-n-octyl phthalate		ND		19	37
Diphenyl oxide		ND		11	37
Fluoranthene		ND		11	37
Fluorene		ND		11	37
Hexachlorobenzene		ND		11	37
Hexachlorobutadiene		ND		11	37
Hexachlorocyclopentadiene		ND		11	74
Hexachloroethane		ND		11	37
Indeno[1,2,3-cd]pyrene		ND		11	37
Isophorone		ND		11	37
Naphthalene		ND		11	89
Nitrobenzene		ND		11	37
N-Nitrosodimethylamine		ND		13	37
N-Nitrosodi-n-propylamine		ND		11	37
N-Nitrosodiphenylamine		ND		11	37
Pentachlorophenol		ND		11	37
Phenanthrene		ND		11	44
Phenol		ND		11	37
Pyrene		ND		11	37

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	68		30 - 130
2-Fluorobiphenyl	54		30 - 130
2-Fluorophenol	77		30 - 130
Nitrobenzene-d5	57		30 - 130
Phenol-d5	55		30 - 130
Terphenyl-d14	87		30 - 130

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-406-13/15-XXX**

Lab Sample ID: 360-24665-14
Client Matrix: Solid
% Moisture: 10.8

Date Sampled: 09/17/2009 1200
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10787.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Date Analyzed:	10/07/2009 0300			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **8**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
10544-50-0	Cyclic octaatomic sulfur	11.21	41	T J N
629-97-0	Docosane	11.40	18	T J N
629-94-7	Heneicosane	11.69	30	T J N
7098-21-7	Tritetracontane	12.29	84	T J N
55320-6-4	Heneicosane, 11-decyl-	12.66	71	T J N
62016-79-9	Heptacosane, 1-chloro-	13.11	110	T J N
629-99-2	Pentacosane	13.65	120	T J N
111-2-4	2,6,10,14,18,22-Tetracosahexaene, 2,6,10	13.76	150	T J N

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-413-10/12-XXX**

Lab Sample ID: 360-24665-18
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 09/17/2009 1050
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10790.D
Dilution:	1.0			Initial Weight/Volume:	30.80 g
Date Analyzed:	10/07/2009 0423			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		ND		11	36
1,2,4,5-Tetrachlorobenzene		ND		11	36
1,2,4-Trichlorobenzene		ND		11	36
1,2-Dichlorobenzene		ND		11	36
1,3-Dichlorobenzene		ND		11	36
1,4-Dichlorobenzene		ND		11	36
1-Methylnaphthalene		ND		11	36
2,2'-oxybis[1-chloropropane]		ND		11	36
2,3,4,6-Tetrachlorophenol		ND		11	36
2,4,5-Trichlorophenol		ND		11	36
2,4,6-Trichlorophenol		ND		11	36
2,4-Dichlorophenol		ND		11	36
2,4-Dimethylphenol		ND		14	36
2,4-Dinitrophenol		ND		11	36
2,4-Dinitrotoluene		ND		11	36
2,6-Dinitrotoluene		ND		11	36
2-Chloronaphthalene		ND		11	36
2-Chlorophenol		ND		11	36
2-Methylnaphthalene		ND		11	36
2-Methylphenol		ND		22	36
2-Nitroaniline		ND		11	180
2-Nitrophenol		ND		11	36
3 & 4 Methylphenol		ND		11	36
3,3'-Dichlorobenzidine		ND		11	72
3-Nitroaniline		ND		11	180
4,6-Dinitro-2-methylphenol		ND		11	180
4-Bromophenyl phenyl ether		ND		11	36
4-Chloro-3-methylphenol		ND		11	72
4-Chloroaniline		ND		11	72
4-Chlorophenyl phenyl ether		ND		11	36
4-Nitroaniline		ND		11	180
4-Nitrophenol		ND		11	180
Acenaphthene		ND		11	36
Acenaphthylene		ND		11	36
Acetophenone		ND		11	36
Aniline		ND	*	11	36
Anthracene		ND		11	36
Atrazine		ND		11	36
Azobenzene		ND		11	36
Benzaldehyde		ND		11	36
Benzo[a]anthracene		ND		11	36
Benzo[a]pyrene		ND		11	36
Benzo[b]fluoranthene		ND		11	36
Benzo[g,h,i]perylene		ND		11	36
Benzo[k]fluoranthene		ND		11	36
Benzoic acid		ND	*	16	180

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-413-10/12-XXX**

Lab Sample ID: 360-24665-18
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 09/17/2009 1050
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10790.D
Dilution:	1.0			Initial Weight/Volume:	30.80 g
Date Analyzed:	10/07/2009 0423			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzophenone		ND		11	36
Benzyl alcohol		ND		31	72
Bis(2-chloroethoxy)methane		ND		11	36
Bis(2-chloroethyl)ether		ND		11	36
Bis(2-ethylhexyl) phthalate		16	J	11	36
Butyl benzyl phthalate		40		11	36
Caprolactam		ND		11	36
Carbazole		ND		11	36
Chrysene		ND		11	36
Dibenz(a,h)anthracene		ND		11	36
Dibenzofuran		ND		11	36
Diethyl phthalate		ND		11	36
Dimethyl phthalate		ND		11	36
Di-n-butyl phthalate		ND		32	36
Di-n-octyl phthalate		ND		18	36
Diphenyl oxide		ND		11	36
Fluoranthene		ND		11	36
Fluorene		ND		11	36
Hexachlorobenzene		ND		11	36
Hexachlorobutadiene		ND		11	36
Hexachlorocyclopentadiene		ND		11	72
Hexachloroethane		ND		11	36
Indeno[1,2,3-cd]pyrene		ND		11	36
Isophorone		ND		11	36
Naphthalene		ND		11	86
Nitrobenzene		ND		11	36
N-Nitrosodimethylamine		ND		13	36
N-Nitrosodi-n-propylamine		ND		11	36
N-Nitrosodiphenylamine		ND		11	36
Pentachlorophenol		ND		11	36
Phenanthrene		ND		11	43
Phenol		ND		11	36
Pyrene		ND		11	36

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	63		30 - 130
2-Fluorobiphenyl	55		30 - 130
2-Fluorophenol	74		30 - 130
Nitrobenzene-d5	55		30 - 130
Phenol-d5	52		30 - 130
Terphenyl-d14	78		30 - 130

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-413-10/12-XXX**

Lab Sample ID: 360-24665-18
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 09/17/2009 1050
Date Received: 09/17/2009 1630

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Method:	8270C LL	Analysis Batch: 360-49983		Instrument ID:	Inst. B
Preparation:	3546	Prep Batch: 360-49545		Lab File ID:	B10790.D
Dilution:	1.0			Initial Weight/Volume:	30.80 g
Date Analyzed:	10/07/2009 0423			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	

Tentatively Identified Compounds **Number TIC's Found:** **10**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
128-37-0	Butylated Hydroxytoluene	8.95	56	T J N
3910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3	9.84	87	T J N
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene	10.26	58	T J N
149-30-4	2-Mercaptobenzothiazole	10.79	44	T J N
638-67-5	Tricosane	11.69	49	T J N
55319-83-0	Docosane, 9-octyl-	12.29	100	T J N
630-2-4	Octacosane	12.67	110	T J N
593-49-7	Heptacosane	13.11	140	T J N
1928-30-9	Tricosane, 2-methyl-	13.65	72	T J N
7683-64-9	Squalene	13.77	230	T J N

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-406-13/15-XXX**

Lab Sample ID: 360-24665-14
Client Matrix: Solid
% Moisture: 10.8

Date Sampled: 09/17/2009 1200
Date Received: 09/17/2009 1630

6010B Metals (ICP)

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 09/25/2009 1440
Date Prepared: 09/25/2009 0824

Analysis Batch: 360-49515
Prep Batch: 360-49480

Instrument ID: Varian ICP
Lab File ID: N/A
Initial Weight/Volume: 1.73 g
Final Weight/Volume: 100 mL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		10000		0.84	3.2
Antimony		ND		0.23	0.65
Arsenic		1.3	J	0.12	1.3
Barium		15		0.084	0.65
Beryllium		0.26		0.032	0.26
Cadmium		0.44		0.0091	0.26
Calcium		2400	B	3.2	13
Chromium		27		0.086	0.65
Cobalt		14		0.084	0.65
Copper		57		0.084	1.3
Iron		23000	B	1.0	6.5
Lead		2.4		0.074	0.65
Magnesium		7600	B	0.65	13
Manganese		190		0.087	1.3
Nickel		17		0.084	1.3
Potassium		910		40	260
Selenium		ND		0.30	0.65
Silver		ND		0.065	0.65
Sodium		ND		17	130
Thallium		ND		0.094	1.3
Vanadium		45		0.084	1.3
Zinc		37		0.76	3.2
Tin		9.5	^ B	0.41	6.5

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Client Sample ID: **OC-SB-413-10/12-XXX**

Lab Sample ID: 360-24665-18
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 09/17/2009 1050
Date Received: 09/17/2009 1630

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 360-49515		Instrument ID:	Varian ICP
Preparation:	3050B	Prep Batch: 360-49480		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.57 g
Date Analyzed:	09/25/2009 1457			Final Weight/Volume:	100 mL
Date Prepared:	09/25/2009 0824				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		7500		0.92	3.5
Antimony		ND		0.26	0.71
Arsenic		2.2		0.13	1.4
Barium		30		0.092	0.71
Beryllium		0.26	J	0.035	0.28
Cadmium		0.22	J	0.0099	0.28
Calcium		1700	B	3.5	14
Chromium		16		0.094	0.71
Cobalt		6.4		0.092	0.71
Copper		24		0.092	1.4
Iron		12000	B	1.1	7.1
Lead		1.7		0.081	0.71
Magnesium		3400	B	0.71	14
Manganese		110		0.094	1.4
Nickel		11		0.092	1.4
Potassium		850		44	280
Selenium		ND		0.33	0.71
Silver		ND		0.071	0.71
Sodium		72	J	18	140
Thallium		ND		0.10	1.4
Vanadium		20		0.092	1.4
Zinc		17		0.83	3.5
Tin		5.8	J ^ B	0.45	7.1

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Surrogate Recovery Report

8270C LL Semivolatile Organic Compounds by GCMS - Low Levels

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
360-24665-14	OC-SB-406-13/15-XXX	77	55	57	54	68	87
360-24665-18	OC-SB-413-10/12-XXX	74	52	55	55	63	78
MB 360-49545/1-A		93	80	73	75	75	83
LCS 360-49545/2-A		69	62	67	71	75	67
LCSD 360-49545/3-A		66	61	66	70	66	65

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	30-130
PHL = Phenol-d5	30-130
NBZ = Nitrobenzene-d5	30-130
FBP = 2-Fluorobiphenyl	30-130
TBP = 2,4,6-Tribromophenol	30-130
TPH = Terphenyl-d14	30-130

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Method Blank - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

Lab Sample ID:	MB 360-49545/1-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10667.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 0945			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	ND		10	33
1,2,4,5-Tetrachlorobenzene	ND		10	33
1,2,4-Trichlorobenzene	ND		10	33
1,2-Dichlorobenzene	ND		10	33
1,3-Dichlorobenzene	ND		10	33
1,4-Dichlorobenzene	ND		10	33
1-Methylnaphthalene	ND		10	33
2,2'-oxybis[1-chloropropane]	ND		10	33
2,3,4,6-Tetrachlorophenol	ND		10	33
2,4,5-Trichlorophenol	ND		10	33
2,4,6-Trichlorophenol	ND		10	33
2,4-Dichlorophenol	ND		10	33
2,4-Dimethylphenol	ND		13	33
2,4-Dinitrophenol	ND		10	33
2,4-Dinitrotoluene	ND		10	33
2,6-Dinitrotoluene	ND		10	33
2-Chloronaphthalene	ND		10	33
2-Chlorophenol	ND		10	33
2-Methylnaphthalene	ND		10	33
2-Methylphenol	ND		20	33
2-Nitroaniline	ND		10	170
2-Nitrophenol	ND		10	33
3 & 4 Methylphenol	ND		10	33
3,3'-Dichlorobenzidine	ND		10	67
3-Nitroaniline	ND		10	170
4,6-Dinitro-2-methylphenol	ND		10	170
4-Bromophenyl phenyl ether	ND		10	33
4-Chloro-3-methylphenol	ND		10	67
4-Chloroaniline	ND		10	67
4-Chlorophenyl phenyl ether	ND		10	33
4-Nitroaniline	ND		10	170
4-Nitrophenol	ND		10	170
Acenaphthene	ND		10	33
Acenaphthylene	ND		10	33
Acetophenone	ND		10	33
Aniline	ND		10	33
Anthracene	ND		10	33
Atrazine	ND		10	33
Azobenzene	ND		10	33
Benzaldehyde	ND		10	33
Benzo[a]anthracene	ND		10	33

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Method Blank - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

Lab Sample ID:	MB 360-49545/1-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10667.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 0945			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

Analyte	Result	Qual	MDL	RL
Benzo[a]pyrene	ND		10	33
Benzo[b]fluoranthene	ND		10	33
Benzo[g,h,i]perylene	ND		10	33
Benzo[k]fluoranthene	ND		10	33
Benzoic acid	95.1	J	15	170
Benzophenone	ND		10	33
Benzyl alcohol	ND		28	67
Bis(2-chloroethoxy)methane	ND		10	33
Bis(2-chloroethyl)ether	ND		10	33
Bis(2-ethylhexyl) phthalate	ND		10	33
Butyl benzyl phthalate	ND		10	33
Caprolactam	ND		10	33
Carbazole	ND		10	33
Chrysene	ND		10	33
Dibenz(a,h)anthracene	ND		10	33
Dibenzofuran	ND		10	33
Diethyl phthalate	ND		10	33
Dimethyl phthalate	ND		10	33
Di-n-butyl phthalate	88.6		29	33
Di-n-octyl phthalate	ND		17	33
Diphenyl oxide	ND		10	33
Fluoranthene	ND		10	33
Fluorene	ND		10	33
Hexachlorobenzene	ND		10	33
Hexachlorobutadiene	ND		10	33
Hexachlorocyclopentadiene	ND		10	67
Hexachloroethane	ND		10	33
Indeno[1,2,3-cd]pyrene	ND		10	33
Isophorone	ND		10	33
Naphthalene	ND		10	80
Nitrobenzene	ND		10	33
N-Nitrosodimethylamine	ND		12	33
N-Nitrosodi-n-propylamine	ND		10	33
N-Nitrosodiphenylamine	ND		10	33
Pentachlorophenol	ND		10	33
Phenanthrene	ND		10	40
Phenol	ND		10	33
Pyrene	ND		10	33

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	75	30 - 130

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	75	30 - 130
2-Fluorophenol	93	30 - 130
Nitrobenzene-d5	73	30 - 130
Phenol-d5	80	30 - 130
Terphenyl-d14	83	30 - 130

Method Blank TICs- Batch: 360-49545

Cas Number	Analyte	RT	Est. Result	Qual
111-76-2	Ethanol, 2-butoxy-	5.78	10.5	T J N
541-2-6	Cyclopentasiloxane, decamethyl-	7.48	12.5	T J N
621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	8.94	14.3	T J N
111-82-0	Dodecanoic acid, methyl ester	9.43	7.85	T J N
62016-37-9	Octane, 2,4,6-trimethyl-	9.75	32.9	T J N
593-45-3	Octadecane	10.52	61.8	T J N
1000143-92-4	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	10.96	16.9	T J N
112-95-8	Eicosane	11.21	36.0	T J N
1000140-7-4	1R,3Z,9s-4,8,11,11-Tetramethylbicyclo[7.	11.53	131	T J N
7683-64-9	Squalene	14.93	165	T J N

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10668.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1013			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 360-49545/3-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10669.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1041			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1'-Biphenyl	80	84	40 - 140	6	30		
1,2,4,5-Tetrachlorobenzene	75	75	40 - 140	0	30		
1,2,4-Trichlorobenzene	67	69	40 - 140	3	30		
1,2-Dichlorobenzene	58	60	40 - 140	2	30		
1,3-Dichlorobenzene	57	57	40 - 140	0	30		
1,4-Dichlorobenzene	56	57	40 - 140	1	30		
1-Methylnaphthalene	70	73	40 - 140	4	30		
2,2'-oxybis[1-chloropropane]	64	66	40 - 140	3	30		
2,3,4,6-Tetrachlorophenol	77	78	40 - 140	1	30		
2,4,5-Trichlorophenol	90	90	30 - 130	0	30		
2,4,6-Trichlorophenol	92	96	30 - 130	4	30		
2,4-Dichlorophenol	83	84	30 - 130	1	30		
2,4-Dimethylphenol	90	91	30 - 130	2	30		
2,4-Dinitrophenol	71	72	30 - 130	2	30		
2,4-Dinitrotoluene	83	84	40 - 140	0	30		
2,6-Dinitrotoluene	85	88	40 - 140	3	30		
2-Chloronaphthalene	63	65	40 - 140	3	30		
2-Chlorophenol	62	63	30 - 130	2	30		
2-Methylnaphthalene	71	73	40 - 140	2	30		
2-Methylphenol	64	68	30 - 130	5	30		
2-Nitroaniline	96	94	40 - 140	2	30		
2-Nitrophenol	80	82	30 - 130	3	30		
3 & 4 Methylphenol	76	78	30 - 130	3	30		
3,3'-Dichlorobenzidine	83	84	40 - 140	1	30		
3-Nitroaniline	86	88	40 - 140	2	30		
4,6-Dinitro-2-methylphenol	85	83	30 - 130	2	30		
4-Bromophenyl phenyl ether	82	83	40 - 140	1	30		
4-Chloro-3-methylphenol	86	87	30 - 130	1	30		
4-Chloroaniline	62	60	40 - 140	2	30		
4-Chlorophenyl phenyl ether	82	86	40 - 140	4	30		
4-Nitroaniline	82	84	40 - 140	3	30		
4-Nitrophenol	89	87	30 - 130	2	30		

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10668.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1013			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 360-49545/3-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10669.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1041			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	91	95	40 - 140	4	30		
Acenaphthylene	76	77	40 - 140	1	30		
Acetophenone	70	71	40 - 140	1	30		
Aniline	30	31	40 - 140	2	30	*	*
Anthracene	103	100	40 - 140	3	30		
Atrazine	106	107	40 - 140	1	30		
Azobenzene	83	84	40 - 140	1	30		
Benzaldehyde	82	86	40 - 140	5	30		
Benzo[a]anthracene	102	102	40 - 140	0	30		
Benzo[a]pyrene	94	93	40 - 140	0	30		
Benzo[b]fluoranthene	88	89	40 - 140	2	30		
Benzo[g,h,i]perylene	97	93	40 - 140	4	30		
Benzo[k]fluoranthene	100	101	40 - 140	1	30		
Benzoic acid	75	54	30 - 130	33	30		*
Benzophenone	88	91	40 - 140	3	30		
Benzyl alcohol	63	60	30 - 130	5	30		
Bis(2-chloroethoxy)methane	73	75	40 - 140	2	30		
Bis(2-chloroethyl)ether	60	61	40 - 140	3	30		
Bis(2-ethylhexyl) phthalate	74	73	40 - 140	2	30		
Butyl benzyl phthalate	89	88	40 - 140	0	30		
Caprolactam	78	82	40 - 140	5	30		
Carbazole	96	93	40 - 140	3	30		
Chrysene	92	89	40 - 140	3	30		
Dibenz(a,h)anthracene	110	107	40 - 140	3	30		
Dibenzofuran	79	81	40 - 140	1	30		
Diethyl phthalate	84	85	40 - 140	1	30		
Dimethyl phthalate	83	84	40 - 140	1	30		
Di-n-butyl phthalate	110	112	40 - 140	1	30		
Di-n-octyl phthalate	73	77	40 - 140	6	30		
Diphenyl oxide	76	79	40 - 140	3	30		
Fluoranthene	95	93	40 - 140	2	30		
Fluorene	99	100	40 - 140	1	30		

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10668.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1013			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

LCSD Lab Sample ID:	LCSD 360-49545/3-A	Analysis Batch:	360-49705	Instrument ID:	Agilent 6890/5973 GC/MS
Client Matrix:	Solid	Prep Batch:	360-49545	Lab File ID:	B10669.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.00 g
Date Analyzed:	10/01/2009 1041			Final Weight/Volume:	1.0 mL
Date Prepared:	09/28/2009 1051			Injection Volume:	1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Hexachlorobenzene	88	88	40 - 140	0	30		
Hexachlorobutadiene	70	70	40 - 140	0	30		
Hexachlorocyclopentadiene	65	63	40 - 140	3	30		
Hexachloroethane	59	60	40 - 140	2	30		
Indeno[1,2,3-cd]pyrene	108	103	40 - 140	5	30		
Isophorone	66	67	40 - 140	2	30		
Naphthalene	73	74	40 - 140	1	30		
Nitrobenzene	71	73	40 - 140	3	30		
N-Nitrosodimethylamine	69	69	40 - 140	0	30		
N-Nitrosodi-n-propylamine	73	76	40 - 140	4	30		
N-Nitrosodiphenylamine	62	62	40 - 140	0	30		
Pentachlorophenol	85	84	30 - 130	1	30		
Phenanthrene	95	96	40 - 140	1	30		
Phenol	68	70	30 - 130	2	30		
Pyrene	87	87	40 - 140	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2,4,6-Tribromophenol	75	66	30 - 130
2-Fluorobiphenyl	71	70	30 - 130
2-Fluorophenol	69	66	30 - 130
Nitrobenzene-d5	67	66	30 - 130
Phenol-d5	62	61	30 - 130
Terphenyl-d14	67	65	30 - 130

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 360-49545/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	10/01/2009 1013			Date Analyzed:	10/01/2009 1041
Date Prepared:	09/28/2009 1051			Date Prepared:	09/28/2009 1051

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
1,1'-Biphenyl	333	333	266		281	
1,2,4,5-Tetrachlorobenzene	333	333	252		251	
1,2,4-Trichlorobenzene	333	333	223		230	
1,2-Dichlorobenzene	333	333	195		199	
1,3-Dichlorobenzene	333	333	189		189	
1,4-Dichlorobenzene	333	333	187		189	
1-Methylnaphthalene	333	333	234		244	
2,2'-oxybis[1-chloropropane]	333	333	213		219	
2,3,4,6-Tetrachlorophenol	333	333	256		258	
2,4,5-Trichlorophenol	333	333	301		300	
2,4,6-Trichlorophenol	333	333	308		319	
2,4-Dichlorophenol	333	333	278		280	
2,4-Dimethylphenol	333	333	300		305	
2,4-Dinitrophenol	333	333	235		239	
2,4-Dinitrotoluene	333	333	278		279	
2,6-Dinitrotoluene	333	333	284		294	
2-Chloronaphthalene	333	333	210		216	
2-Chlorophenol	333	333	207		211	
2-Methylnaphthalene	333	333	238		244	
2-Methylphenol	333	333	215		227	
2-Nitroaniline	333	333	318		313	
2-Nitrophenol	333	333	266		275	
3 & 4 Methylphenol	333	333	252		259	
3,3'-Dichlorobenzidine	333	333	276		280	
3-Nitroaniline	333	333	288		293	
4,6-Dinitro-2-methylphenol	333	333	282		278	
4-Bromophenyl phenyl ether	333	333	273		276	
4-Chloro-3-methylphenol	333	333	288		290	
4-Chloroaniline	333	333	205		201	
4-Chlorophenyl phenyl ether	333	333	275		285	
4-Nitroaniline	333	333	273		282	
4-Nitrophenol	333	333	295		289	
Acenaphthene	333	333	304		315	
Acenaphthylene	333	333	255		257	
Acetophenone	333	333	234		236	
Aniline	333	333	100	*	102	*
Anthracene	333	333	345		333	
Atrazine	333	333	354		358	
Azobenzene	333	333	278		280	

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 360-49545/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	10/01/2009 1013			Date Analyzed:	10/01/2009 1041
Date Prepared:	09/28/2009 1051			Date Prepared:	09/28/2009 1051

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Benzaldehyde	333	333	273	286	
Benzo[a]anthracene	333	333	340	340	
Benzo[a]pyrene	333	333	312	311	
Benzo[b]fluoranthene	333	333	292	298	
Benzo[g,h,i]perylene	333	333	325	312	
Benzo[k]fluoranthene	333	333	332	336	
Benzoic acid	333	333	250	179	*
Benzophenone	333	333	295	302	
Benzyl alcohol	333	333	211	200	
Bis(2-chloroethoxy)methane	333	333	244	250	
Bis(2-chloroethyl)ether	333	333	199	204	
Bis(2-ethylhexyl) phthalate	333	333	247	244	
Butyl benzyl phthalate	333	333	295	295	
Caprolactam	333	333	259	273	
Carbazole	333	333	318	309	
Chrysene	333	333	307	298	
Dibenz(a,h)anthracene	333	333	368	356	
Dibenzofuran	333	333	265	269	
Diethyl phthalate	333	333	281	283	
Dimethyl phthalate	333	333	275	279	
Di-n-butyl phthalate	333	333	368	373	
Di-n-octyl phthalate	333	333	243	257	
Diphenyl oxide	333	333	254	263	
Fluoranthene	333	333	317	311	
Fluorene	333	333	329	332	
Hexachlorobenzene	333	333	294	293	
Hexachlorobutadiene	333	333	232	233	
Hexachlorocyclopentadiene	333	333	217	210	
Hexachloroethane	333	333	196	200	
Indeno[1,2,3-cd]pyrene	333	333	361	344	
Isophorone	333	333	220	225	
Naphthalene	333	333	242	245	
Nitrobenzene	333	333	238	244	
N-Nitrosodimethylamine	333	333	231	231	
N-Nitrosodi-n-propylamine	333	333	243	253	
N-Nitrosodiphenylamine	333	333	206	207	
Pentachlorophenol	333	333	282	280	
Phenanthrene	333	333	316	320	
Phenol	333	333	227	232	

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 360-49545

Method: 8270C LL
Preparation: 3546

LCS Lab Sample ID:	LCS 360-49545/2-A	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 360-49545/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	10/01/2009 1013			Date Analyzed:	10/01/2009 1041
Date Prepared:	09/28/2009 1051			Date Prepared:	09/28/2009 1051

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Pyrene	333	333	290	289

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Method Blank - Batch: 360-49480

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 360-49480/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/25/2009 1331
Date Prepared: 09/25/2009 0824

Analysis Batch: 360-49515
Prep Batch: 360-49480
Units: mg/Kg

Instrument ID: Varian 720 ES ICP
Lab File ID: N/A
Initial Weight/Volume: 2.0 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	ND		0.65	2.5
Aluminum	ND		0.65	2.5
Antimony	ND		0.18	0.50
Antimony	ND		0.18	0.50
Arsenic	ND		0.091	1.0
Arsenic	ND		0.091	1.0
Barium	ND		0.065	0.50
Barium	ND		0.065	0.50
Beryllium	ND		0.025	0.20
Beryllium	ND		0.025	0.20
Cadmium	ND		0.0070	0.20
Cadmium	ND		0.0070	0.20
Calcium	7.37	J	2.5	10
Calcium	7.37	J	2.5	10
Chromium	ND		0.066	0.50
Chromium	ND		0.066	0.50
Cobalt	ND		0.065	0.50
Cobalt	ND		0.065	0.50
Copper	ND		0.065	1.0
Copper	ND		0.065	1.0
Iron	1.56	J	0.80	5.0
Iron	1.56	J	0.80	5.0
Lead	ND		0.057	0.50
Lead	ND		0.057	0.50
Magnesium	1.99	J	0.50	10
Magnesium	1.99	J	0.50	10
Manganese	ND		0.067	1.0
Manganese	ND		0.067	1.0
Nickel	ND		0.065	1.0
Nickel	ND		0.065	1.0
Potassium	ND		31	200
Potassium	ND		31	200
Selenium	ND		0.23	0.50
Selenium	ND		0.23	0.50
Silver	ND		0.050	0.50
Silver	ND		0.050	0.50
Sodium	ND		13	100
Sodium	ND		13	100
Thallium	ND		0.072	1.0
Thallium	ND		0.072	1.0
Vanadium	ND		0.065	1.0

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Method Blank - Batch: 360-49480

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 360-49480/1-A	Analysis Batch:	360-49515	Instrument ID:	Varian 720 ES ICP
Client Matrix:	Solid	Prep Batch:	360-49480	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	2.0 g
Date Analyzed:	09/25/2009 1331			Final Weight/Volume:	100 mL
Date Prepared:	09/25/2009 0824				

Analyte	Result	Qual	MDL	RL
Vanadium	ND		0.065	1.0
Zinc	ND		0.59	2.5
Zinc	ND		0.59	2.5
Tin	0.440	J	0.32	5.0
Tin	0.440	J	0.32	5.0

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 360-49480

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID:	LCS 360-49480/2-A	Analysis Batch:	360-49582	Instrument ID:	Varian 720 ES ICP
Client Matrix:	Solid	Prep Batch:	360-49480	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	2.0 g
Date Analyzed:	09/28/2009 1100			Final Weight/Volume:	100 mL
Date Prepared:	09/25/2009 0824				

LCSD Lab Sample ID:	LCSD 360-49480/3-A	Analysis Batch:	360-49582	Instrument ID:	Varian 720 ES ICP
Client Matrix:	Solid	Prep Batch:	360-49480	Lab File ID:	N/A
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	2.0 g
Date Analyzed:	09/28/2009 1103			Final Weight/Volume:	100 mL
Date Prepared:	09/25/2009 0824				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aluminum	87	87	80 - 120	0	30		
Antimony	88	88	80 - 120	0	30		
Arsenic	87	87	80 - 120	0	30		
Barium	90	90	80 - 120	0	30		
Beryllium	88	88	80 - 120	0	30		
Cadmium	87	87	80 - 120	0	30		
Calcium	89	90	80 - 120	0	30		
Chromium	89	89	80 - 120	0	30		
Cobalt	88	88	80 - 120	0	30		
Copper	89	89	80 - 120	1	30		
Iron	88	88	80 - 120	0	30		
Lead	87	87	80 - 120	0	30		
Magnesium	87	87	80 - 120	0	30		
Manganese	89	89	80 - 120	0	30		
Nickel	88	88	80 - 120	1	30		
Potassium	82	81	80 - 120	2	30		
Selenium	87	88	80 - 120	1	30		
Silver	87	87	80 - 120	0	30		
Sodium	85	85	80 - 120	0	30		
Thallium	86	86	80 - 120	0	30		
Vanadium	90	90	80 - 120	0	30		
Zinc	86	86	80 - 120	0	30		
Tin	89	89	80 - 120	0	30		

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

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 360-49480

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID:	LCS 360-49480/2-A	Units:	mg/Kg	LCSD Lab Sample ID:	LCSD 360-49480/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	09/28/2009 1100			Date Analyzed:	09/28/2009 1103
Date Prepared:	09/25/2009 0824			Date Prepared:	09/25/2009 0824

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aluminum	250	250	218	218
Antimony	50.0	50.0	43.9	43.8
Arsenic	50.0	50.0	43.5	43.6
Barium	50.0	50.0	45.1	45.1
Beryllium	50.0	50.0	44.2	44.2
Cadmium	50.0	50.0	43.6	43.7
Calcium	1000	1000	894	898
Chromium	50.0	50.0	44.6	44.7
Cobalt	50.0	50.0	44.1	44.2
Copper	50.0	50.0	44.4	44.7
Iron	250	250	220	221
Lead	50.0	50.0	43.5	43.5
Magnesium	1000	1000	871	872
Manganese	50.0	50.0	44.6	44.7
Nickel	50.0	50.0	43.8	44.0
Potassium	1000	1000	823	810
Selenium	50.0	50.0	43.5	43.9
Silver	50.0	50.0	43.6	43.6
Sodium	1000	1000	845	848
Thallium	50.0	50.0	42.8	42.8
Vanadium	50.0	50.0	44.8	45.0
Zinc	50.0	50.0	42.8	42.9
Tin	50.0	50.0	44.4	44.4

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

DATA REPORTING QUALIFIERS

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	J	Indicates an Estimated Value for TICs
	*	LCS or LCSD exceeds the control limits
	N	Presumptive evidence of material.
	T	Result is a tentatively identified compound (TIC) and an estimated value.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Olin Corporation

Job Number: 360-24665-2
Sdg Number: OCRI-17A

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 360-49545					
LCS 360-49545/2-A	Lab Control Sample	T	Solid	3546	
LCSD 360-49545/3-A	Lab Control Sample Duplicate	T	Solid	3546	
MB 360-49545/1-A	Method Blank	T	Solid	3546	
360-24665-14	OC-SB-406-13/15-XXX	T	Solid	3546	
360-24665-18	OC-SB-413-10/12-XXX	T	Solid	3546	
Analysis Batch:360-49705					
LCS 360-49545/2-A	Lab Control Sample	T	Solid	8270C LL	360-49545
LCSD 360-49545/3-A	Lab Control Sample Duplicate	T	Solid	8270C LL	360-49545
MB 360-49545/1-A	Method Blank	T	Solid	8270C LL	360-49545
Analysis Batch:360-49983					
360-24665-14	OC-SB-406-13/15-XXX	T	Solid	8270C LL	360-49545
360-24665-18	OC-SB-413-10/12-XXX	T	Solid	8270C LL	360-49545

Report Basis
T = Total

Metals					
Prep Batch: 360-49480					
LCS 360-49480/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 360-49480/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
MB 360-49480/1-A	Method Blank	T	Solid	3050B	
360-24665-14	OC-SB-406-13/15-XXX	T	Solid	3050B	
360-24665-18	OC-SB-413-10/12-XXX	T	Solid	3050B	
Analysis Batch:360-49515					
MB 360-49480/1-A	Method Blank	T	Solid	6010B	360-49480
360-24665-14	OC-SB-406-13/15-XXX	T	Solid	6010B	360-49480
360-24665-18	OC-SB-413-10/12-XXX	T	Solid	6010B	360-49480
Analysis Batch:360-49582					
LCS 360-49480/2-A	Lab Control Sample	T	Solid	6010B	360-49480
LCSD 360-49480/3-A	Lab Control Sample Duplicate	T	Solid	6010B	360-49480

Report Basis
T = Total

Client: Olin Corporation

Job Number: 360-24665-2
SDG: OCRI-17A

Laboratory Chronicle

Lab ID: **360-24665-14** **Client ID:** **OC-SB-406-13/15-XXX**

Sample Date/Time: 09/17/2009 12:00 Received Date/Time: 09/17/2009 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	360-24665-A-14-F		360-49983	360-49545	09/28/2009 10:51	1	TAL WFD	BRB
A:8270C LL	360-24665-A-14-F		360-49983	360-49545	10/07/2009 03:00	1	TAL WFD	PJS
P:3050B	360-24665-A-14-A		360-49515	360-49480	09/25/2009 08:24	1	TAL WFD	TFB
A:6010B	360-24665-A-14-A		360-49515	360-49480	09/25/2009 14:40	1	TAL WFD	EMN

Lab ID: **360-24665-18** **Client ID:** **OC-SB-413-10/12-XXX**

Sample Date/Time: 09/17/2009 10:50 Received Date/Time: 09/17/2009 16:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	360-24665-A-18-F		360-49983	360-49545	09/28/2009 10:51	1	TAL WFD	BRB
A:8270C LL	360-24665-A-18-F		360-49983	360-49545	10/07/2009 04:23	1	TAL WFD	PJS
P:3050B	360-24665-A-18-B		360-49515	360-49480	09/25/2009 08:24	1	TAL WFD	TFB
A:6010B	360-24665-A-18-B		360-49515	360-49480	09/25/2009 14:57	1	TAL WFD	EMN

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:3546	MB 360-49545/1-A		360-49705	360-49545	09/28/2009 10:51	1	TAL WFD	BRB
A:8270C LL	MB 360-49545/1-A		360-49705	360-49545	10/01/2009 09:45	1	TAL WFD	PJS
P:3050B	MB 360-49480/1-A		360-49515	360-49480	09/25/2009 08:24	1	TAL WFD	TFB
A:6010B	MB 360-49480/1-A		360-49515	360-49480	09/25/2009 13:31	1	TAL WFD	EMN

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:3546	LCS 360-49545/2-A		360-49705	360-49545	09/28/2009 10:51	1	TAL WFD	BRB
A:8270C LL	LCS 360-49545/2-A		360-49705	360-49545	10/01/2009 10:13	1	TAL WFD	PJS
P:3050B	LCS 360-49480/2-A		360-49582	360-49480	09/25/2009 08:24	1	TAL WFD	TFB
A:6010B	LCS 360-49480/2-A		360-49582	360-49480	09/28/2009 11:00	1	TAL WFD	EMN

Client: Olin Corporation

Job Number: 360-24665-2
SDG: OCRI-17A

Laboratory Chronicle

Lab ID: **LCSD** **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:3546	LCSD 360-49545/3-A		360-49705	360-49545	09/28/2009 10:51	1	TAL WFD	BRB
A:8270C LL	LCSD 360-49545/3-A		360-49705	360-49545	10/01/2009 10:41	1	TAL WFD	PJS
P:3050B	LCSD 360-49480/3-A		360-49582	360-49480	09/25/2009 08:24	1	TAL WFD	TFB
A:6010B	LCSD 360-49480/3-A		360-49582	360-49480	09/28/2009 11:03	1	TAL WFD	EMN

Lab References:
TAL WFD = TestAmerica Westfield

Method 8270C Low Level

Semivolatile Organic Compounds (GC/MS) Low Level by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Matrix: Solid Level: Low

GC Column (1): Rtx-5ms ID: 0.25 (um)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
OC-SB-406-13/15-XXX	360-24665-14	77	55	57	54	68	87
OC-SB-413-10/12-XXX	360-24665-18	74	52	55	55	63	78
	MB 360-49545/1-A	93	80	73	75	75	83
	LCS 360-49545/2-A	69	62	67	71	75	67
	LCSD 360-49545/3-A	66	61	66	70	66	65

	QC LIMITS
2FP = 2-Fluorophenol	30-130
PHL = Phenol-d5	30-130
NBZ = Nitrobenzene-d5	30-130
FBP = 2-Fluorobiphenyl	30-130
TBP = 2,4,6-Tribromophenol	30-130
TPH = Terphenyl-d14	30-130

Column to be used to flag recovery values

FORM II 8270C LL

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Matrix: Solid Level: Low Lab File ID: B10668.D

Lab ID: LCS 360-49545/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	333	266	80	40-140	
1,2,4,5-Tetrachlorobenzene	333	252	75	40-140	
1,2,4-Trichlorobenzene	333	223	67	40-140	
1,2-Dichlorobenzene	333	195	58	40-140	
1,3-Dichlorobenzene	333	189	57	40-140	
1,4-Dichlorobenzene	333	187	56	40-140	
1-Methylnaphthalene	333	234	70	40-140	
2,2'-oxybis[1-chloropropane]	333	213	64	40-140	
2,3,4,6-Tetrachlorophenol	333	256	77	40-140	
2,4,5-Trichlorophenol	333	301	90	30-130	
2,4,6-Trichlorophenol	333	308	92	30-130	
2,4-Dichlorophenol	333	278	83	30-130	
2,4-Dimethylphenol	333	300	90	30-130	
2,4-Dinitrophenol	333	235	71	30-130	
2,4-Dinitrotoluene	333	278	83	40-140	
2,6-Dinitrotoluene	333	284	85	40-140	
2-Chloronaphthalene	333	210	63	40-140	
2-Chlorophenol	333	207	62	30-130	
2-Methylnaphthalene	333	238	71	40-140	
2-Methylphenol	333	215	64	30-130	
2-Nitroaniline	333	318	96	40-140	
2-Nitrophenol	333	266	80	30-130	
3 & 4 Methylphenol	333	252	76	30-130	
3,3'-Dichlorobenzidine	333	276	83	40-140	
3-Nitroaniline	333	288	86	40-140	
4,6-Dinitro-2-methylphenol	333	282	85	30-130	
4-Bromophenyl phenyl ether	333	273	82	40-140	
4-Chloro-3-methylphenol	333	288	86	30-130	
4-Chloroaniline	333	205	62	40-140	
4-Chlorophenyl phenyl ether	333	275	82	40-140	
4-Nitroaniline	333	273	82	40-140	
4-Nitrophenol	333	295	89	30-130	
Acenaphthene	333	304	91	40-140	
Acenaphthylene	333	255	76	40-140	
Acetophenone	333	234	70	40-140	
Aniline	333	100	30	40-140	*
Anthracene	333	345	103	40-140	
Atrazine	333	354	106	40-140	
Azobenzene	333	278	83	40-140	
Benzaldehyde	333	273	82	40-140	
Benzo[a]anthracene	333	340	102	40-140	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C LL

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Matrix: Solid Level: Low Lab File ID: B10668.D

Lab ID: LCS 360-49545/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzo[a]pyrene	333	312	94	40-140	
Benzo[b]fluoranthene	333	292	88	40-140	
Benzo[g,h,i]perylene	333	325	97	40-140	
Benzo[k]fluoranthene	333	332	100	40-140	
Benzoic acid	333	250	75	30-130	
Benzophenone	333	295	88	40-140	
Benzyl alcohol	333	211	63	30-130	
Bis(2-chloroethoxy)methane	333	244	73	40-140	
Bis(2-chloroethyl)ether	333	199	60	40-140	
Bis(2-ethylhexyl) phthalate	333	247	74	40-140	
Butyl benzyl phthalate	333	295	89	40-140	
Caprolactam	333	259	78	40-140	
Carbazole	333	318	96	40-140	
Chrysene	333	307	92	40-140	
Dibenz(a,h)anthracene	333	368	110	40-140	
Dibenzofuran	333	265	79	40-140	
Diethyl phthalate	333	281	84	40-140	
Dimethyl phthalate	333	275	83	40-140	
Di-n-butyl phthalate	333	368	110	40-140	
Di-n-octyl phthalate	333	243	73	40-140	
Diphenyl oxide	333	254	76	40-140	
Fluoranthene	333	317	95	40-140	
Fluorene	333	329	99	40-140	
Hexachlorobenzene	333	294	88	40-140	
Hexachlorobutadiene	333	232	70	40-140	
Hexachlorocyclopentadiene	333	217	65	40-140	
Hexachloroethane	333	196	59	40-140	
Indeno[1,2,3-cd]pyrene	333	361	108	40-140	
Isophorone	333	220	66	40-140	
Naphthalene	333	242	73	40-140	
Nitrobenzene	333	238	71	40-140	
N-Nitrosodimethylamine	333	231	69	40-140	
N-Nitrosodi-n-propylamine	333	243	73	40-140	
N-Nitrosodiphenylamine	333	206	62	40-140	
Pentachlorophenol	333	282	85	30-130	
Phenanthrene	333	316	95	40-140	
Phenol	333	227	68	30-130	
Pyrene	333	290	87	40-140	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C LL

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Matrix: Solid Level: Low Lab File ID: B10669.D

Lab ID: LCSD 360-49545/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1'-Biphenyl	333	281	84	6	30	40-140	
1,2,4,5-Tetrachlorobenzene	333	251	75	0	30	40-140	
1,2,4-Trichlorobenzene	333	230	69	3	30	40-140	
1,2-Dichlorobenzene	333	199	60	2	30	40-140	
1,3-Dichlorobenzene	333	189	57	0	30	40-140	
1,4-Dichlorobenzene	333	189	57	1	30	40-140	
1-Methylnaphthalene	333	244	73	4	30	40-140	
2,2'-oxybis[1-chloropropane]	333	219	66	3	30	40-140	
2,3,4,6-Tetrachlorophenol	333	258	78	1	30	40-140	
2,4,5-Trichlorophenol	333	300	90	0	30	30-130	
2,4,6-Trichlorophenol	333	319	96	4	30	30-130	
2,4-Dichlorophenol	333	280	84	1	30	30-130	
2,4-Dimethylphenol	333	305	91	2	30	30-130	
2,4-Dinitrophenol	333	239	72	2	30	30-130	
2,4-Dinitrotoluene	333	279	84	0	30	40-140	
2,6-Dinitrotoluene	333	294	88	3	30	40-140	
2-Chloronaphthalene	333	216	65	3	30	40-140	
2-Chlorophenol	333	211	63	2	30	30-130	
2-Methylnaphthalene	333	244	73	2	30	40-140	
2-Methylphenol	333	227	68	5	30	30-130	
2-Nitroaniline	333	313	94	2	30	40-140	
2-Nitrophenol	333	275	82	3	30	30-130	
3 & 4 Methylphenol	333	259	78	3	30	30-130	
3,3'-Dichlorobenzidine	333	280	84	1	30	40-140	
3-Nitroaniline	333	293	88	2	30	40-140	
4,6-Dinitro-2-methylphenol	333	278	83	2	30	30-130	
4-Bromophenyl phenyl ether	333	276	83	1	30	40-140	
4-Chloro-3-methylphenol	333	290	87	1	30	30-130	
4-Chloroaniline	333	201	60	2	30	40-140	
4-Chlorophenyl phenyl ether	333	285	86	4	30	40-140	
4-Nitroaniline	333	282	84	3	30	40-140	
4-Nitrophenol	333	289	87	2	30	30-130	
Acenaphthene	333	315	95	4	30	40-140	
Acenaphthylene	333	257	77	1	30	40-140	
Acetophenone	333	236	71	1	30	40-140	
Aniline	333	102	31	2	30	40-140	*
Anthracene	333	333	100	3	30	40-140	
Atrazine	333	358	107	1	30	40-140	
Azobenzene	333	280	84	1	30	40-140	
Benzaldehyde	333	286	86	5	30	40-140	
Benzo[a]anthracene	333	340	102	0	30	40-140	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C LL

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Matrix: Solid Level: Low Lab File ID: B10669.D

Lab ID: LCSD 360-49545/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzo[a]pyrene	333	311	93	0	30	40-140	
Benzo[b]fluoranthene	333	298	89	2	30	40-140	
Benzo[g,h,i]perylene	333	312	93	4	30	40-140	
Benzo[k]fluoranthene	333	336	101	1	30	40-140	
Benzoic acid	333	179	54	33	30	30-130	*
Benzophenone	333	302	91	3	30	40-140	
Benzyl alcohol	333	200	60	5	30	30-130	
Bis(2-chloroethoxy)methane	333	250	75	2	30	40-140	
Bis(2-chloroethyl)ether	333	204	61	3	30	40-140	
Bis(2-ethylhexyl) phthalate	333	244	73	2	30	40-140	
Butyl benzyl phthalate	333	295	88	0	30	40-140	
Caprolactam	333	273	82	5	30	40-140	
Carbazole	333	309	93	3	30	40-140	
Chrysene	333	298	89	3	30	40-140	
Dibenz(a,h)anthracene	333	356	107	3	30	40-140	
Dibenzofuran	333	269	81	1	30	40-140	
Diethyl phthalate	333	283	85	1	30	40-140	
Dimethyl phthalate	333	279	84	1	30	40-140	
Di-n-butyl phthalate	333	373	112	1	30	40-140	
Di-n-octyl phthalate	333	257	77	6	30	40-140	
Diphenyl oxide	333	263	79	3	30	40-140	
Fluoranthene	333	311	93	2	30	40-140	
Fluorene	333	332	100	1	30	40-140	
Hexachlorobenzene	333	293	88	0	30	40-140	
Hexachlorobutadiene	333	233	70	0	30	40-140	
Hexachlorocyclopentadiene	333	210	63	3	30	40-140	
Hexachloroethane	333	200	60	2	30	40-140	
Indeno[1,2,3-cd]pyrene	333	344	103	5	30	40-140	
Isophorone	333	225	67	2	30	40-140	
Naphthalene	333	245	74	1	30	40-140	
Nitrobenzene	333	244	73	3	30	40-140	
N-Nitrosodimethylamine	333	231	69	0	30	40-140	
N-Nitrosodi-n-propylamine	333	253	76	4	30	40-140	
N-Nitrosodiphenylamine	333	207	62	0	30	40-140	
Pentachlorophenol	333	280	84	1	30	30-130	
Phenanthrene	333	320	96	1	30	40-140	
Phenol	333	232	70	2	30	30-130	
Pyrene	333	289	87	0	30	40-140	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C LL

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab File ID: B10667.D Lab Sample ID: MB 360-49545/1-A

Matrix: Solid Date Extracted: 09/28/2009 10:51

Instrument ID: Inst. B Date Analyzed: 10/01/2009 09:45

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 360-49545/2-A	B10668.D	10/01/2009 10:13
	LCSD 360-49545/3-A	B10669.D	10/01/2009 10:41
OC-SB-406-13/15-XXX	360-24665-14	B10787.D	10/07/2009 03:00
OC-SB-413-10/12-XXX	360-24665-18	B10790.D	10/07/2009 04:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab File ID: B10656.D DFTPP Injection Date: 09/30/2009

Instrument ID: Inst. B DFTPP Injection Time: 16:12

Analysis Batch No.: 49705

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	38.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	37.8	
70	Less than 2.0 % of mass 69	0.2	(0.6)1
127	40.0 - 60.0 % of mass 198	49.6	
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	7.1	
275	10.0 - 30.0 % of mass 198	28.7	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	16.3	
442	Greater than 40.0 % of mass 198	97.9	
443	17.0 - 23.0 % of mass 442	19.7	(20.2)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
	STD5 360-49705/2	B10657.D	09/30/2009	16:40
	STD01 360-49705/3	B10658.D	09/30/2009	17:07
	STD025 360-49705/4	B10659.D	09/30/2009	17:35
	STD05 360-49705/5	B10660.D	09/30/2009	18:03
	STD1 360-49705/6	B10661.D	09/30/2009	18:31
	STD25 360-49705/7	B10662.D	09/30/2009	18:59
	STD8 360-49705/8	B10663.D	10/01/2009	07:55
	STD10 360-49705/9	B10664.D	10/01/2009	08:22
	STD20 360-49705/10	B10665.D	10/01/2009	08:50
	MB 360-49545/1-A	B10667.D	10/01/2009	09:45
	LCS 360-49545/2-A	B10668.D	10/01/2009	10:13
	LCSD 360-49545/3-A	B10669.D	10/01/2009	10:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab File ID: B10765.D DFTPP Injection Date: 10/06/2009

Instrument ID: Inst. B DFTPP Injection Time: 16:49

Analysis Batch No.: 49981

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.9	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	51.1	
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	7.4	
275	10.0 - 30.0 % of mass 198	27.5	
365	Greater than 1.0 % of mass 198	3.4	
441	Present but less than mass 443	13.5	
442	Greater than 40.0 % of mass 198	79.5	
443	17.0 - 23.0 % of mass 442	16.4	(20.6)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
	STD5 360-49981/2	B10766.D	10/06/2009	17:17
	STD01 360-49981/3	B10767.D	10/06/2009	17:44
	STD025 360-49981/4	B10768.D	10/06/2009	18:12
	STD05 360-49981/5	B10769.D	10/06/2009	18:40
	STD1 360-49981/6	B10770.D	10/06/2009	19:08
	STD25 360-49981/7	B10771.D	10/06/2009	19:35
	STD8 360-49981/8	B10772.D	10/06/2009	20:03
	STD10 360-49981/9	B10773.D	10/06/2009	20:31
	STD20 360-49981/10	B10774.D	10/06/2009	20:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab File ID: B10776.D DFTPP Injection Date: 10/06/2009

Instrument ID: Inst. B DFTPP Injection Time: 21:54

Analysis Batch No.: 49983

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	39.1	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	37.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.9	
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	7.6	
275	10.0 - 30.0 % of mass 198	29.4	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	15.8	
442	Greater than 40.0 % of mass 198	90.7	
443	17.0 - 23.0 % of mass 442	18.9	(20.9)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
	CCV 360-49983/13	B10777.D	10/06/2009	22:22
OC-SB-406-13/15-XXX	360-24665-14	B10787.D	10/07/2009	03:00
OC-SB-413-10/12-XXX	360-24665-18	B10790.D	10/07/2009	04:23

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Sample No.: CCV 360-49983/13 Date Analyzed: 10/06/2009 22:22

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um)

Lab File ID (Standard): B10777.D Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		241999	6.28	466559	7.44	225824	8.92
UPPER LIMIT		483998	6.78	933118	7.94	451648	9.42
LOWER LIMIT		121000	5.78	233280	6.94	112912	8.42
LAB SAMPLE ID	CLIENT SAMPLE ID						
360-24665-14	OC-SB-406-13/15-XXX	264617	6.29	625227	7.45	321333	8.93
360-24665-18	OC-SB-413-10/12-XXX	237846	6.29	561277	7.45	288492	8.93

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C LL

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Sample No.: CCV 360-49983/13 Date Analyzed: 10/06/2009 22:22

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um)

Lab File ID (Standard): B10777.D Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		365875	10.15	285029	12.39	164313	14.54
UPPER LIMIT		731750	10.65	570058	12.89	328626	15.04
LOWER LIMIT		182938	9.65	142515	11.89	82157	14.04
LAB SAMPLE ID	CLIENT SAMPLE ID						
360-24665-14	OC-SB-406-13/15-XXX	543847	10.16	299835	12.41	154760	14.60
360-24665-18	OC-SB-413-10/12-XXX	447201	10.16	229469	12.41	141875	14.61

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.50 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C LL

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-406-13/15-XXX | Lab Sample ID: 360-24665-14

Matrix: Solid | Lab File ID: B10787.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 12:00

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.31(g) | Date Analyzed: 10/07/2009 03:00

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	ND		37	11
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		37	11
120-82-1	1,2,4-Trichlorobenzene	ND		37	11
95-50-1	1,2-Dichlorobenzene	ND		37	11
541-73-1	1,3-Dichlorobenzene	ND		37	11
106-46-7	1,4-Dichlorobenzene	ND		37	11
90-12-0	1-Methylnaphthalene	ND		37	11
108-60-1	2,2'-oxybis[1-chloropropane]	ND		37	11
58-90-2	2,3,4,6-Tetrachlorophenol	ND		37	11
95-95-4	2,4,5-Trichlorophenol	ND		37	11
88-06-2	2,4,6-Trichlorophenol	ND		37	11
120-83-2	2,4-Dichlorophenol	ND		37	11
105-67-9	2,4-Dimethylphenol	ND		37	15
51-28-5	2,4-Dinitrophenol	ND		37	11
121-14-2	2,4-Dinitrotoluene	ND		37	11
606-20-2	2,6-Dinitrotoluene	ND		37	11
91-58-7	2-Chloronaphthalene	ND		37	11
95-57-8	2-Chlorophenol	ND		37	11
91-57-6	2-Methylnaphthalene	ND		37	11
95-48-7	2-Methylphenol	ND		37	22
88-74-4	2-Nitroaniline	ND		180	11
88-75-5	2-Nitrophenol	ND		37	11
15831-10-4	3 & 4 Methylphenol	ND		37	11
91-94-1	3,3'-Dichlorobenzidine	ND		74	11
99-09-2	3-Nitroaniline	ND		180	11
534-52-1	4,6-Dinitro-2-methylphenol	ND		180	11
101-55-3	4-Bromophenyl phenyl ether	ND		37	11
59-50-7	4-Chloro-3-methylphenol	ND		74	11
106-47-8	4-Chloroaniline	ND		74	11
7005-72-3	4-Chlorophenyl phenyl ether	ND		37	11
100-01-6	4-Nitroaniline	ND		180	11
100-02-7	4-Nitrophenol	ND		180	11
83-32-9	Acenaphthene	ND		37	11
208-96-8	Acenaphthylene	ND		37	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-406-13/15-XXX | Lab Sample ID: 360-24665-14

Matrix: Solid | Lab File ID: B10787.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 12:00

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.31(g) | Date Analyzed: 10/07/2009 03:00

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	ND		37	11
62-53-3	Aniline	ND	*	37	11
120-12-7	Anthracene	ND		37	11
1912-24-9	Atrazine	ND		37	11
103-33-3	Azobenzene	ND		37	11
100-52-7	Benzaldehyde	ND		37	11
56-55-3	Benzo[a]anthracene	ND		37	11
50-32-8	Benzo[a]pyrene	ND		37	11
205-99-2	Benzo[b]fluoranthene	ND		37	11
191-24-2	Benzo[g,h,i]perylene	ND		37	11
207-08-9	Benzo[k]fluoranthene	ND		37	11
65-85-0	Benzoic acid	ND	*	180	17
119-61-9	Benzophenone	ND		37	11
100-51-6	Benzyl alcohol	ND		74	31
111-91-1	Bis(2-chloroethoxy)methane	ND		37	11
111-44-4	Bis(2-chloroethyl)ether	ND		37	11
117-81-7	Bis(2-ethylhexyl) phthalate	37	J	37	11
85-68-7	Butyl benzyl phthalate	ND		37	11
105-60-2	Caprolactam	ND		37	11
86-74-8	Carbazole	ND		37	11
218-01-9	Chrysene	ND		37	11
53-70-3	Dibenz(a,h)anthracene	ND		37	11
132-64-9	Dibenzofuran	ND		37	11
84-66-2	Diethyl phthalate	ND		37	11
131-11-3	Dimethyl phthalate	ND		37	11
84-74-2	Di-n-butyl phthalate	ND		37	32
117-84-0	Di-n-octyl phthalate	ND		37	19
101-84-8	Diphenyl oxide	ND		37	11
206-44-0	Fluoranthene	ND		37	11
86-73-7	Fluorene	ND		37	11
118-74-1	Hexachlorobenzene	ND		37	11
87-68-3	Hexachlorobutadiene	ND		37	11
77-47-4	Hexachlorocyclopentadiene	ND		74	11
67-72-1	Hexachloroethane	ND		37	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-406-13/15-XXX | Lab Sample ID: 360-24665-14

Matrix: Solid | Lab File ID: B10787.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 12:00

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.31(g) | Date Analyzed: 10/07/2009 03:00

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
193-39-5	Indeno[1,2,3-cd]pyrene	ND		37	11
78-59-1	Isophorone	ND		37	11
91-20-3	Naphthalene	ND		89	11
98-95-3	Nitrobenzene	ND		37	11
62-75-9	N-Nitrosodimethylamine	ND		37	13
621-64-7	N-Nitrosodi-n-propylamine	ND		37	11
86-30-6	N-Nitrosodiphenylamine	ND		37	11
87-86-5	Pentachlorophenol	ND		37	11
85-01-8	Phenanthrene	ND		44	11
108-95-2	Phenol	ND		37	11
129-00-0	Pyrene	ND		37	11

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol	68	30-130	
321-60-8	2-Fluorobiphenyl	54	30-130	
367-12-4	2-Fluorophenol	77	30-130	
4165-60-0	Nitrobenzene-d5	57	30-130	
4165-62-2	Phenol-d5	55	30-130	
1718-51-0	Terphenyl-d14	87	30-130	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-406-13/15-XXX | Lab Sample ID: 360-24665-14

Matrix: Solid | Lab File ID: B10787.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 12:00

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.31(g) | Date Analyzed: 10/07/2009 03:00

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

Number TICs Found: 8 | TIC Result Total: 624

CAS NO.	COMPOUND NAME	RT	RESULT	Q
10544-50-0	Cyclic octaatomic sulfur	11.21	41	T J N
629-97-0	Docosane	11.40	18	T J N
629-94-7	Heneicosane	11.69	30	T J N
7098-21-7	Tritetracontane	12.29	84	T J N
55320-6-4	Heneicosane, 11-decyl-	12.66	71	T J N
62016-79-9	Heptacosane, 1-chloro-	13.11	110	T J N
629-99-2	Pentacosane	13.65	120	T J N
111-2-4	2,6,10,14,18,22-Tetracosahexaene, 2,6,10	13.76	150	T J N

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D		
Lims ID:	360-24665-A-14-C	Client ID:	OC-SB-406-13/15-XXX
Inject. Date:	07-Oct-2009 03:00:30	Dil. Factor:	1.0000
Sample Type:	Client Sample		
Sample ID:	360-24665-A-14-C		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	23
Lims Batch ID:	49983	Lims Sample ID:	23
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 15:47:45	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	07-Oct-2009 16:04:09

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.292	6.278	0.014	264617	2.00	
* 2 Naphthalene-d8	136	7.446	7.442	0.004	625227	2.00	
* 3 Acenaphthene-d10	164	8.928	8.923	0.005	321333	2.00	
* 4 Phenanthrene-d10	188	10.159	10.145	0.015	543847	2.00	
* 5 Chrysene-d12	240	12.409	12.385	0.024	299835	2.00	
* 6 Perylene-d12	264	14.597	14.540	0.057	154760	2.00	
$ 7 2-Fluorophenol	112	4.840	4.691	0.149	564047	7.72	M
$ 8 Phenol-d5	99	6.018	5.961	0.057	623142	5.51	
$ 9 Nitrobenzene-d5	82	6.817	6.812	0.005	352430	2.86	
$ 10 2-Fluorobiphenyl	172	8.370	8.365	0.005	659113	2.72	
$ 11 2,4,6-Tribromophenol	330	9.591	9.572	0.019	170496	6.77	
$ 12 Terphenyl-d14	244	11.476	11.462	0.014	582372	4.37	
46 2-Methylnaphthalene	142	8.062	8.053	0.009	9062	0.0435	
47 1-Methylnaphthalene	142	8.144	8.134	0.010	4626	0.0230	
66 Diethyl phthalate	149	9.298	9.289	0.009	7787	0.0302	
80 Phenanthrene	178	10.178	10.164	0.014	9568	0.0300	
84 Di-n-butyl phthalate	149	10.644	10.635	0.009	62430	0.1517	
92 Bis(2-ethylhexyl) phthalate	149	12.433	12.419	0.014	168411	0.9878	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Laboratories
Tentatively Identified Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D		
Lims ID:	360-24665-A-14-C	Client ID:	OC-SB-406-13/15-XXX
Inject. Date:	07-Oct-2009 03:00:30	Dil. Factor:	1.0000
Sample Type:	Client Sample		
Sample ID:	360-24665-A-14-C		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	23
Lims Batch ID:	49983	Lims Sample ID:	23
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 15:47:45	Calib Date:	06-Oct-2009 20:59:30
Tic RT Window:	0.000 -30.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\wessvr06\chromdata\DATABASE\NIST98.L		
Min. Match:	50		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:04:09

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Calibrated Tentative Identified Compound Results

Compound	RT	Response	Amount ug/mL	Flags
1,4-Dioxane	1.661	3101	0.4202	
Alpha-Terpineol	7.509	1628	0.0619	
Benzidine	11.289	459	0.5808	
Pentachloronitrobenzene	10.014	74	0.4895	

Tentative Identified Compound Results

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
98-82-8 Benzene, (1-methylethyl)-						
5.436	178283	0.2559	1	91	119278	
541-2-6 Cyclopentasiloxane, decamethyl-						
7.052	276879	0.3109	2	91	115273	
95-16-9 Benzothiazole						
7.697	232546	0.2611	2	91	122345	
128-37-0 Butylated Hydroxytoluene						
8.952	936868	0.9893	3	93	84224	
3910-35-8 1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3						
9.836	1279715	1.63	4	93	126944	
2254-94-6 2(3H)-Benzothiazolethione, 3-methyl-						
10.514	652266	0.8324	4	86	77802	
149-30-4 2-Mercaptobenzothiazole						
10.784	760223	0.9702	4	96	124627	

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
112-61-8	Octadecanoic acid, methyl ester					
11.168	601475	0.7676	4	97	28371	
10544-50-0	Cyclic octaatomic sulfur					
11.207	877406	1.12	4	91	113565	
629-97-0	Docosane					
11.395	245263	0.4903	5	89	109660	
629-94-7	Heneicosane					
11.688	402962	0.8056	5	90	17094	
7098-21-7	Tritetracontane					
12.294	1130263	2.26	5	90	17076	
55320-6-4	Heneicosane, 11-decyl-					
12.664	958796	1.92	5	95	16402	
62016-79-9	Heptacosane, 1-chloro-					
13.111	1488880	2.98	5	97	16427	
629-99-2	Pentacosane					
13.650	823780	3.24	6	98	109666	
111-2-4	2,6,10,14,18,22-Tetracosahexaene, 2,6,10					
13.760	1019224	4.00	6	90	114266	

Quantitation Compounds

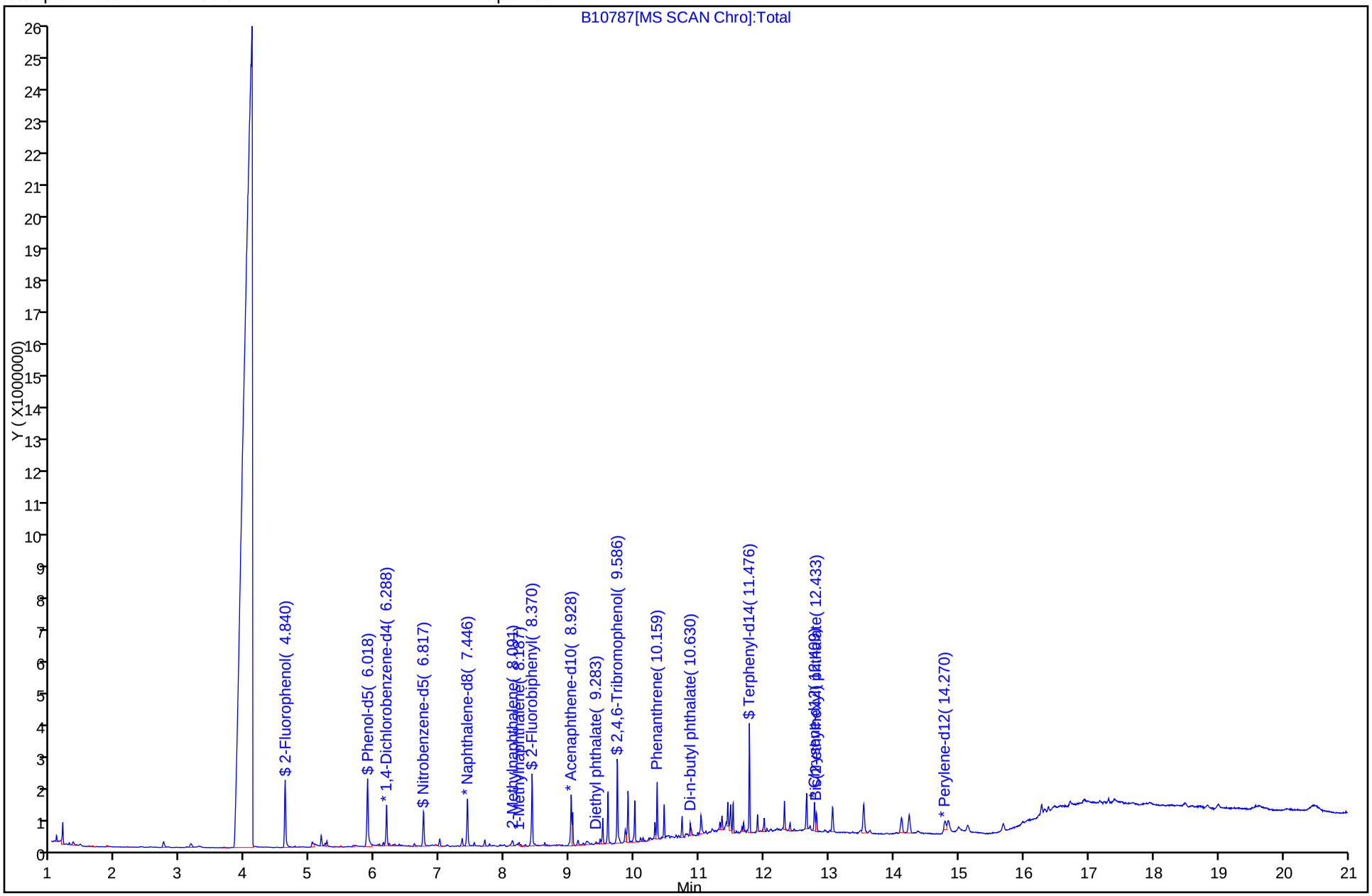
Compound	RT	Response	Amount ug/mL
* 1 1,4-Dichlorobenzene-d4	6.288	1393139	2.00
* 2 Naphthalene-d8	7.446	1781187	2.00
* 3 Acenaphthene-d10	8.928	1893962	2.00
* 4 Phenanthrene-d10	10.159	1567226	2.00
* 5 Chrysene-d12	12.409	1000367	2.00
* 6 Perylene-d12	14.270	509036	2.00

QC Flag Legend

Processing Flags

Report Date: 07-Oct-2009 16:04:09 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D		
Inj Date:	07-Oct-2009 03:00:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	23
Client ID:	OC-SB-406-13/15-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-14-C		
Sample Amount:	1.00 ul	Operator:	MZ



Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D		
Inj Date:	07-Oct-2009 03:00:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	23
Client ID:	OC-SB-406-13/15-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-14-C		
Sample Amount:	1.00 ul	Operator:	MZ

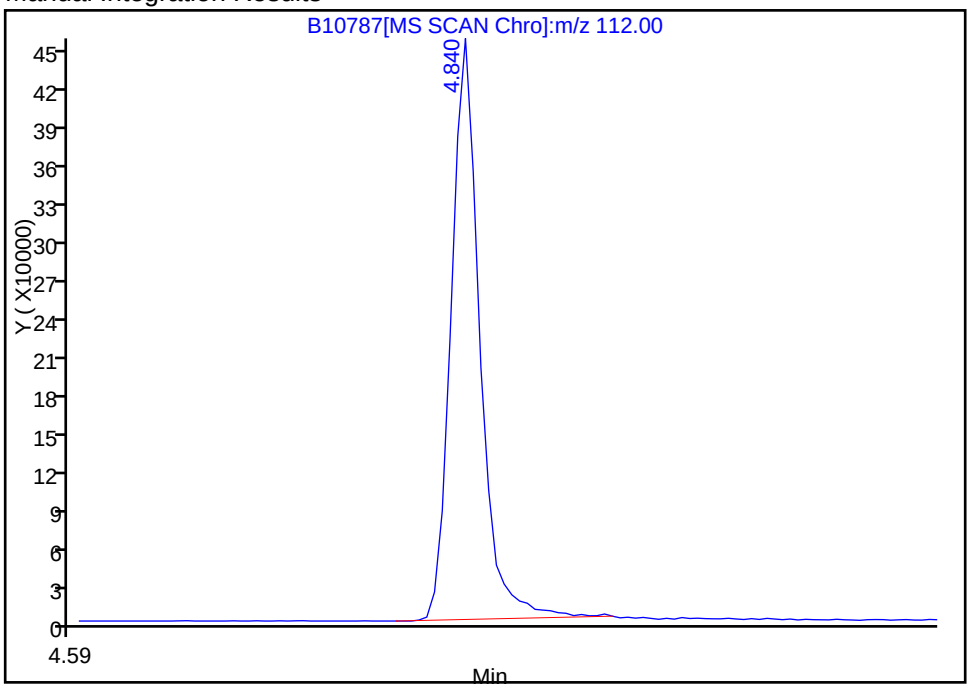
$ 7 2-Fluorophenol, Number: 1, m/z: 112 Type: quant, RT: 4.69

Processing Integration Results

Not Detected
Expected RT: 4.69

Manual Integration Results

RT: 4.84
Response: 564047
Amount: 7.715793

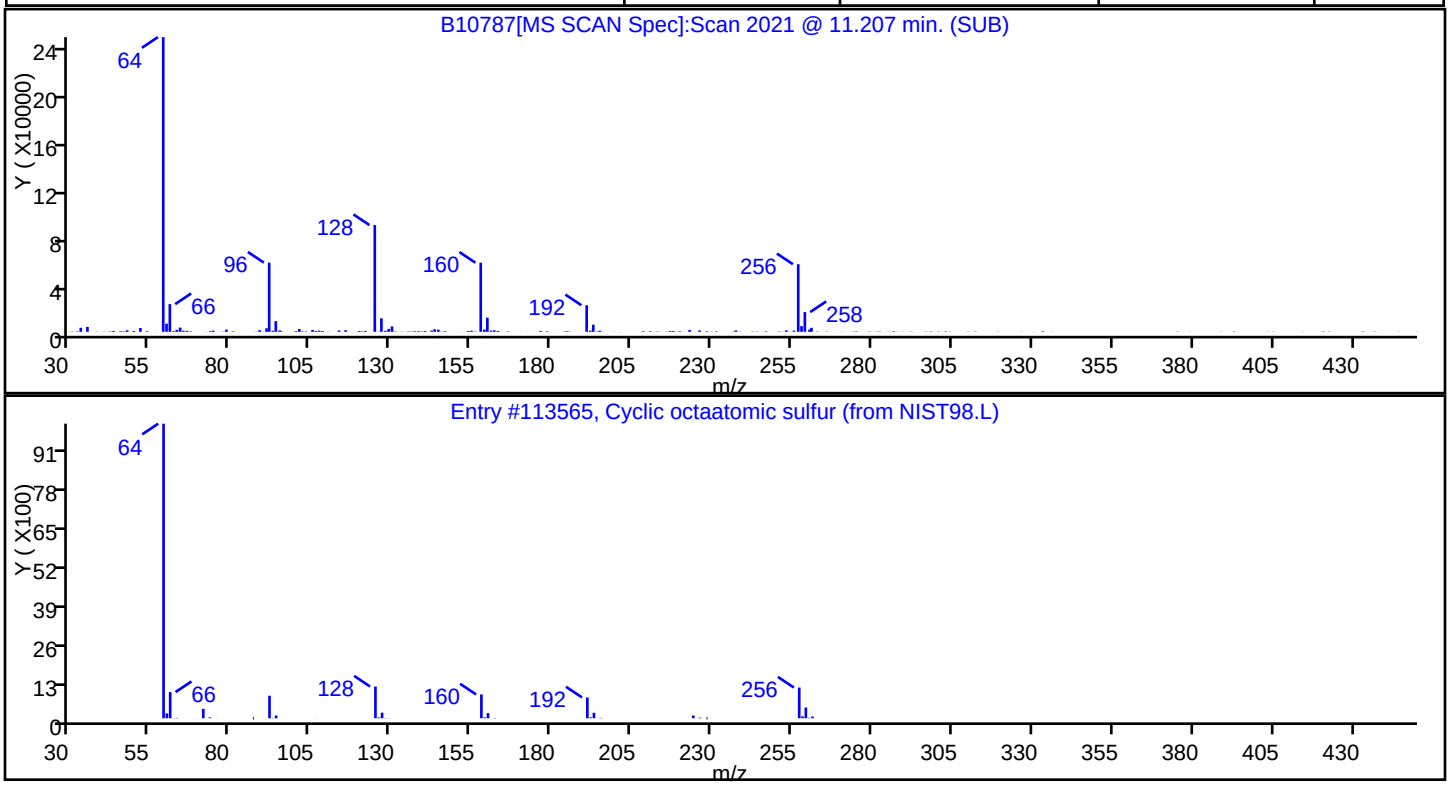


Reviewer: sullivanp, 07-Oct-2009 16:04:09
Audit Action: Manually Integrated
Audit Reason: Assign Peak

Report Date: 07-Oct-2009 16:04:12 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D		
Inj Date:	07-Oct-2009 03:00:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	23
Client ID:	OC-SB-406-13/15-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-14-C		
Sample Amount:	1.00 ul	Operator:	MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclic octaatomic sulfur	10544-50-0	NIST98.L	113565	91



Report Date: 07-Oct-2009 16:04:12 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

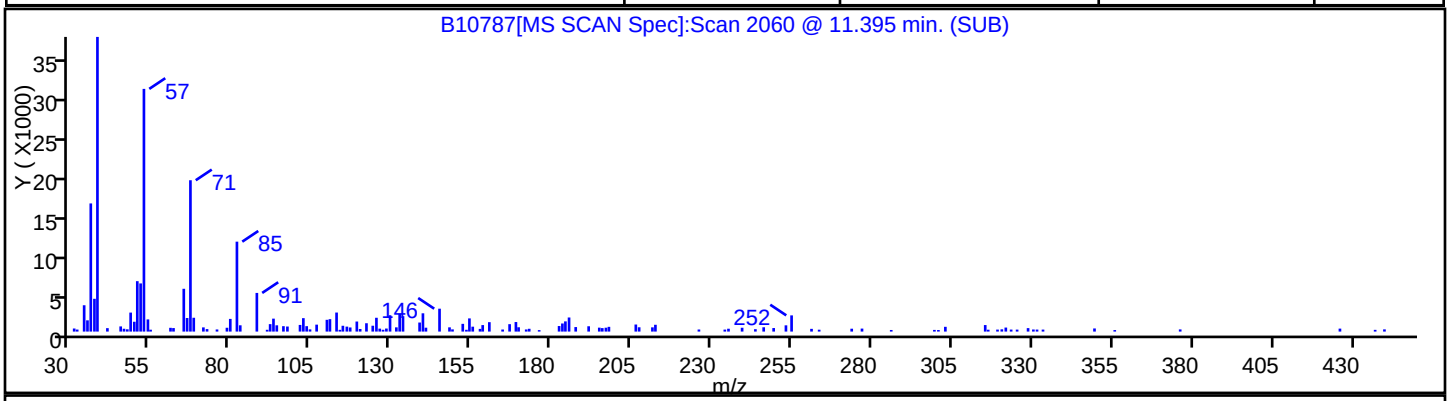
Lims Batch ID: 49983 Lims Sample ID: 23

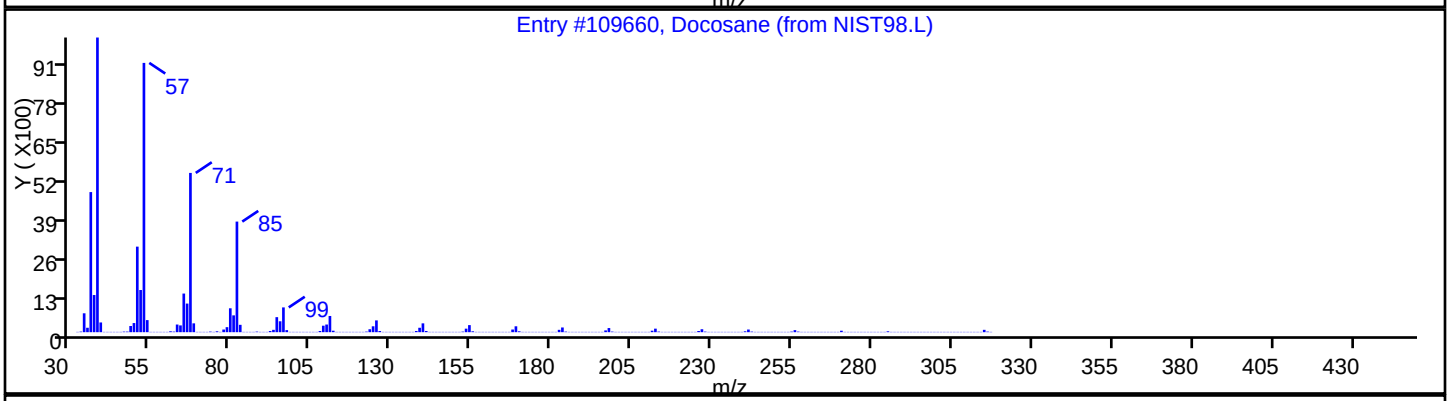
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

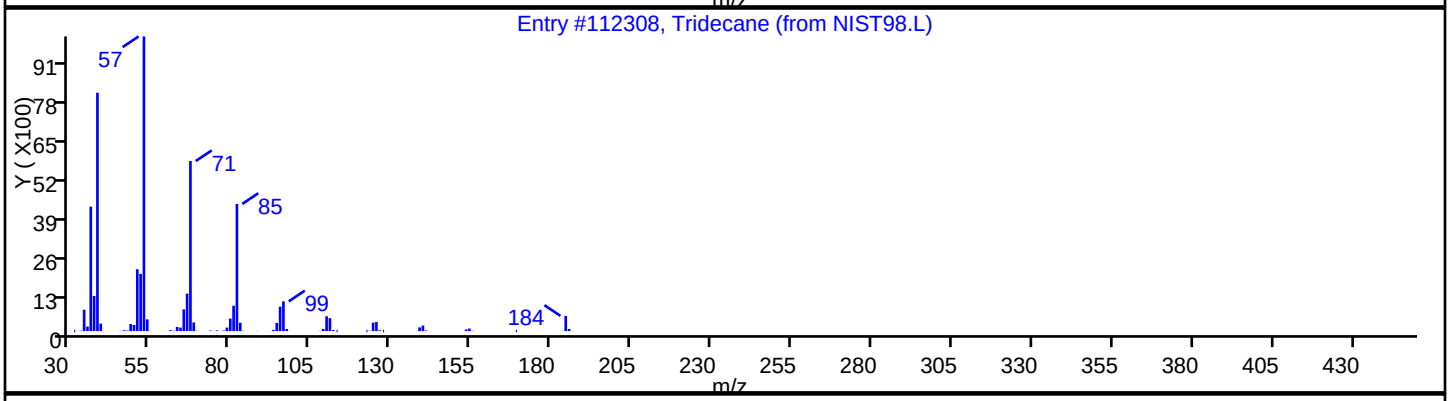
Sample Info: 360-24665-A-14-C

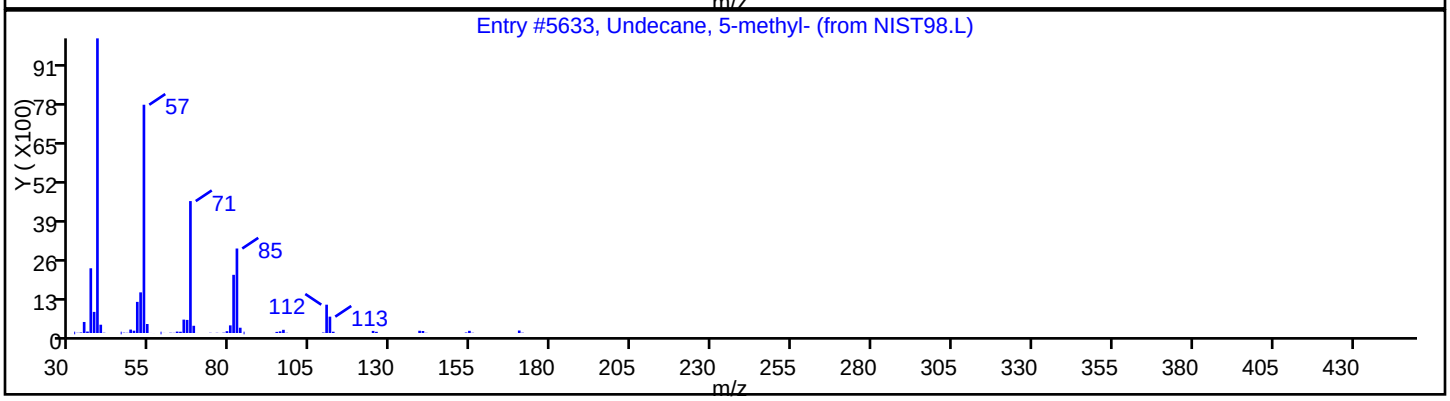
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Docosane	629-97-0	NIST98.L	109660	89
Tridecane	629-50-5	NIST98.L	112308	81
Undecane, 5-methyl-	1632-70-8	NIST98.L	5633	76









Report Date: 07-Oct-2009 16:04:12 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

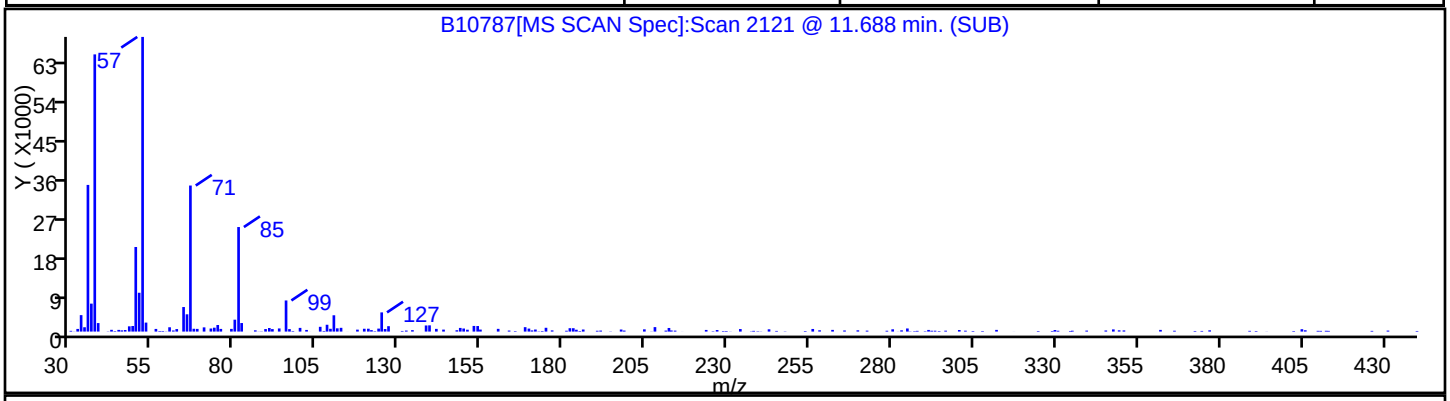
Lims Batch ID: 49983 Lims Sample ID: 23

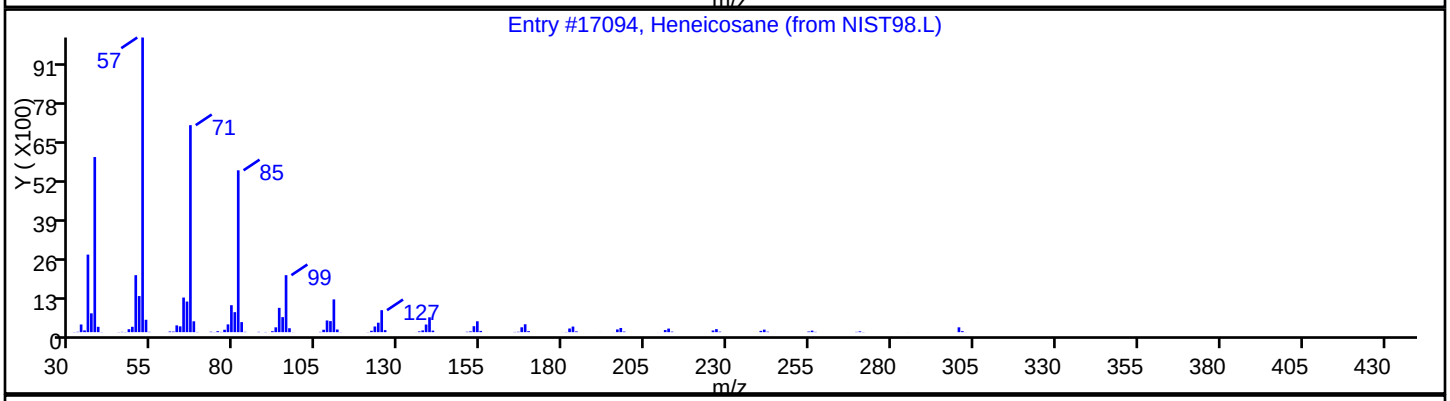
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

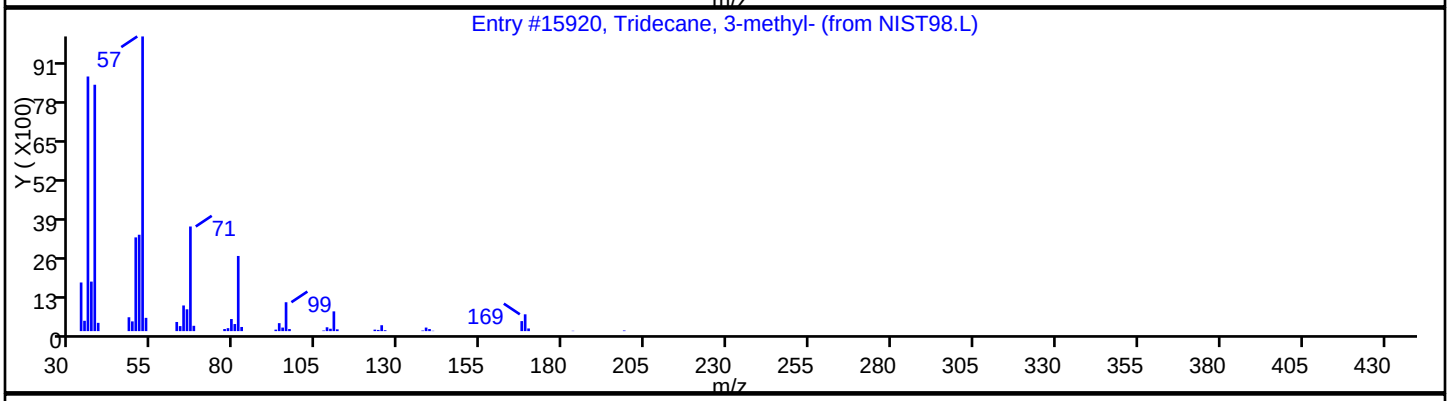
Sample Info: 360-24665-A-14-C

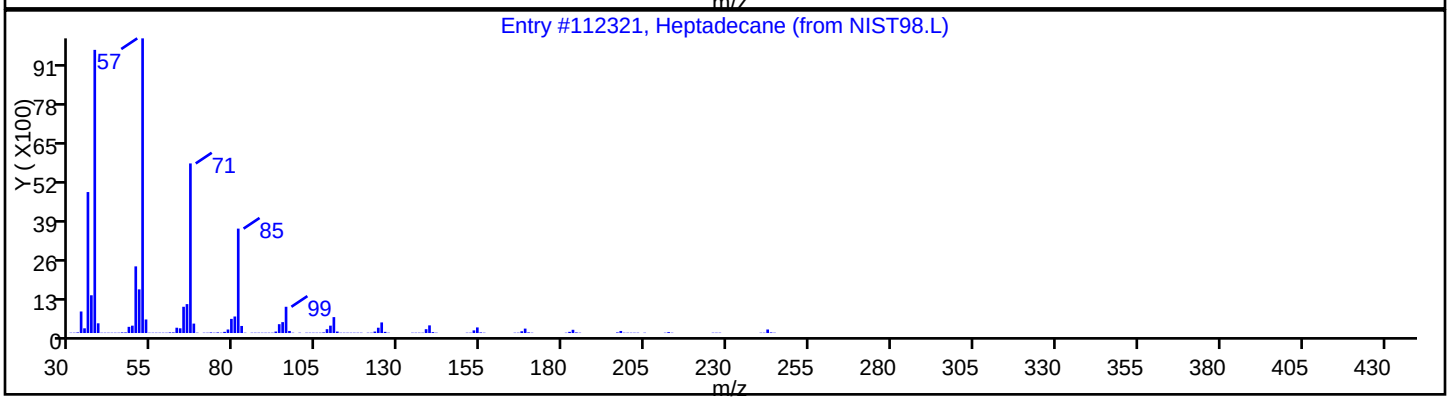
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heneicosane	629-94-7	NIST98.L	17094	90
Tridecane, 3-methyl-	6418-41-3	NIST98.L	15920	80
Heptadecane	629-78-7	NIST98.L	112321	76









Report Date: 07-Oct-2009 16:04:12 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

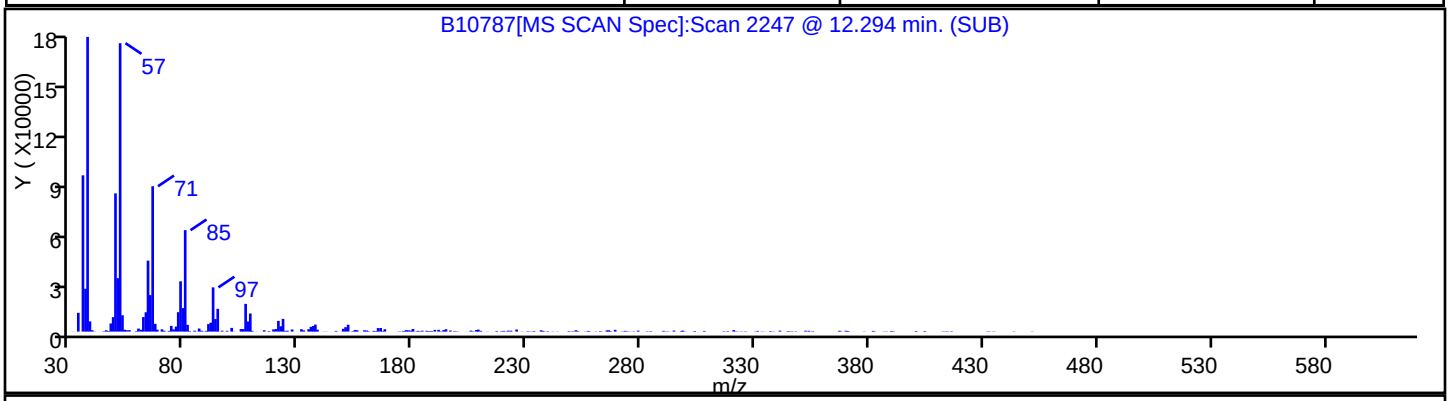
Lims Batch ID: 49983 Lims Sample ID: 23

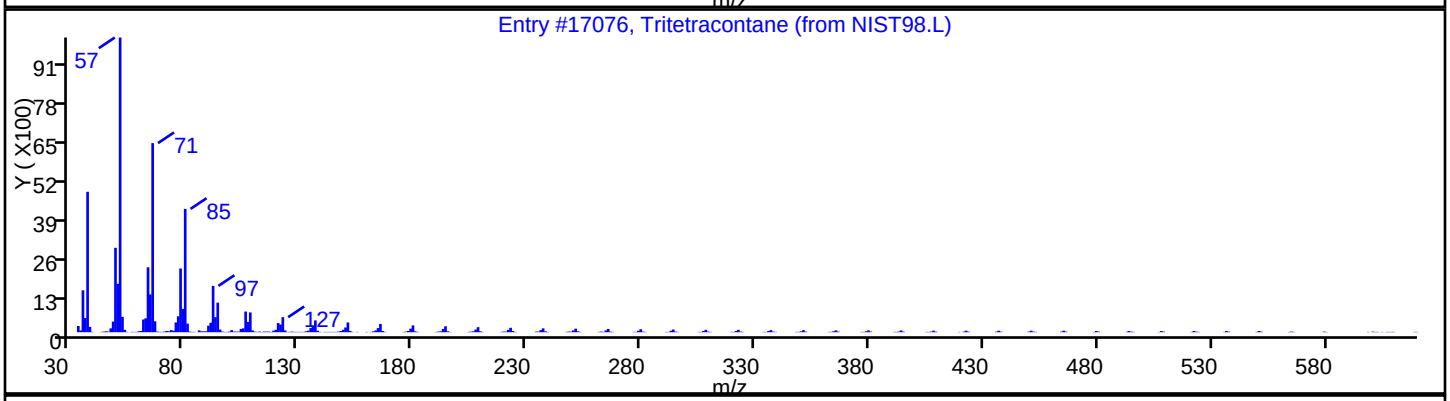
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

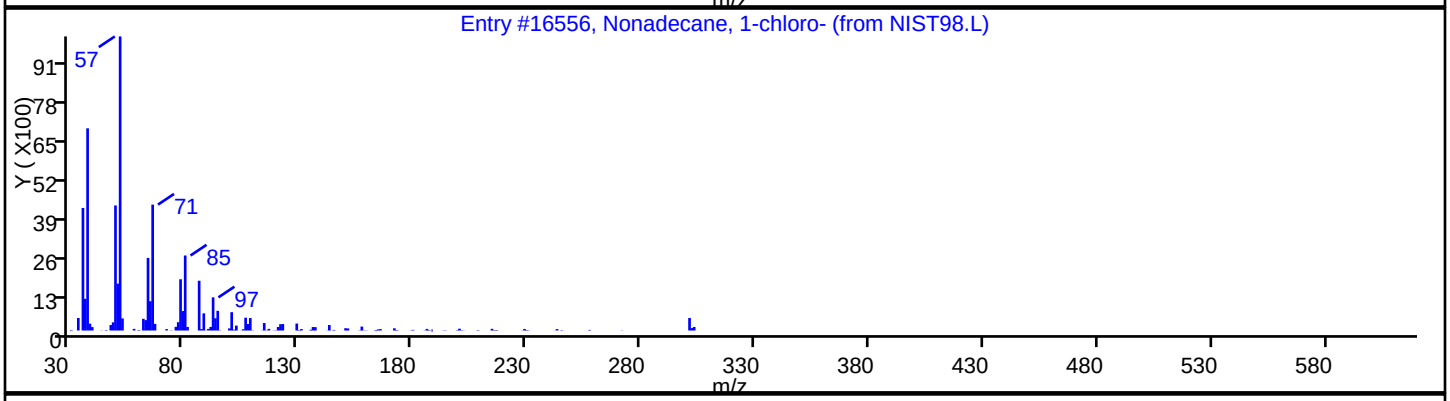
Sample Info: 360-24665-A-14-C

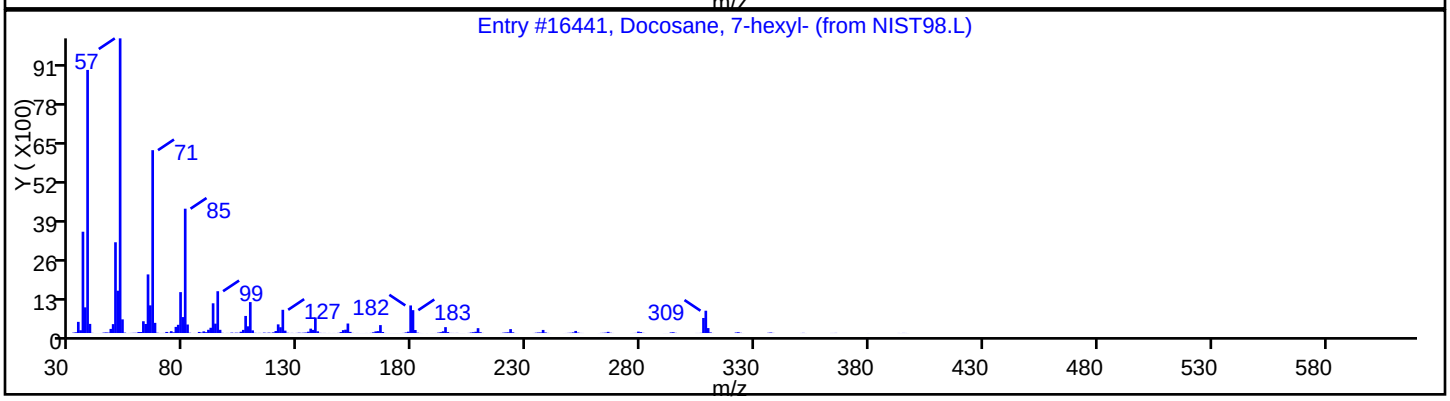
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tritetracontane	7098-21-7	NIST98.L	17076	90
Nonadecane, 1-chloro-	62016-76-6	NIST98.L	16556	83
Docosane, 7-hexyl-	55373-86-9	NIST98.L	16441	81









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Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

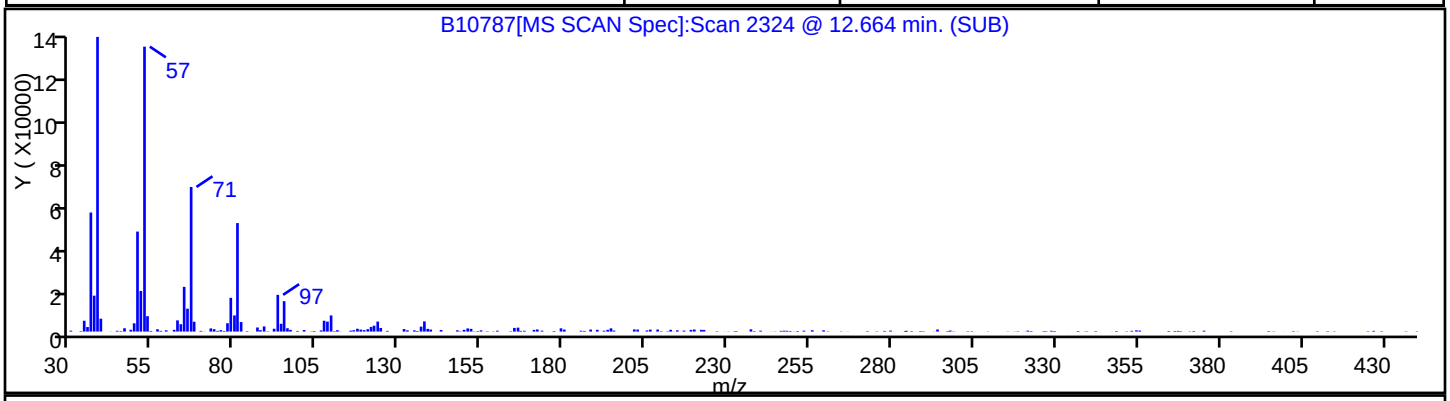
Lims Batch ID: 49983 Lims Sample ID: 23

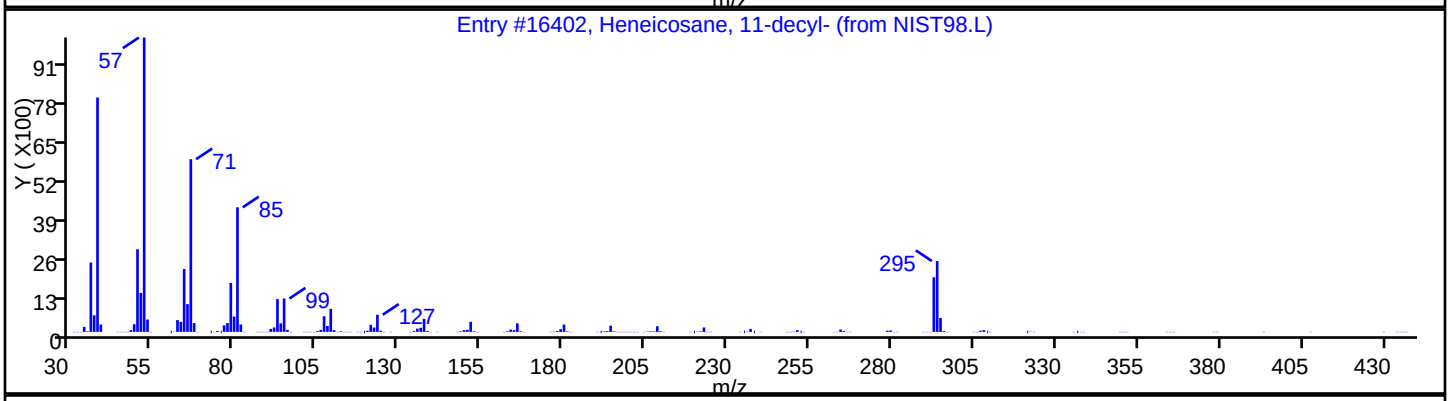
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

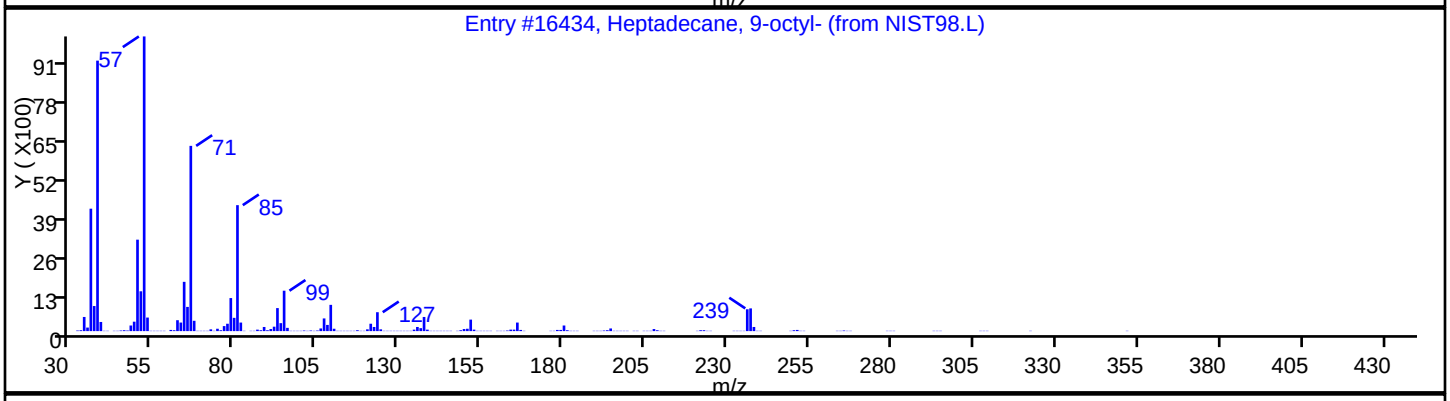
Sample Info: 360-24665-A-14-C

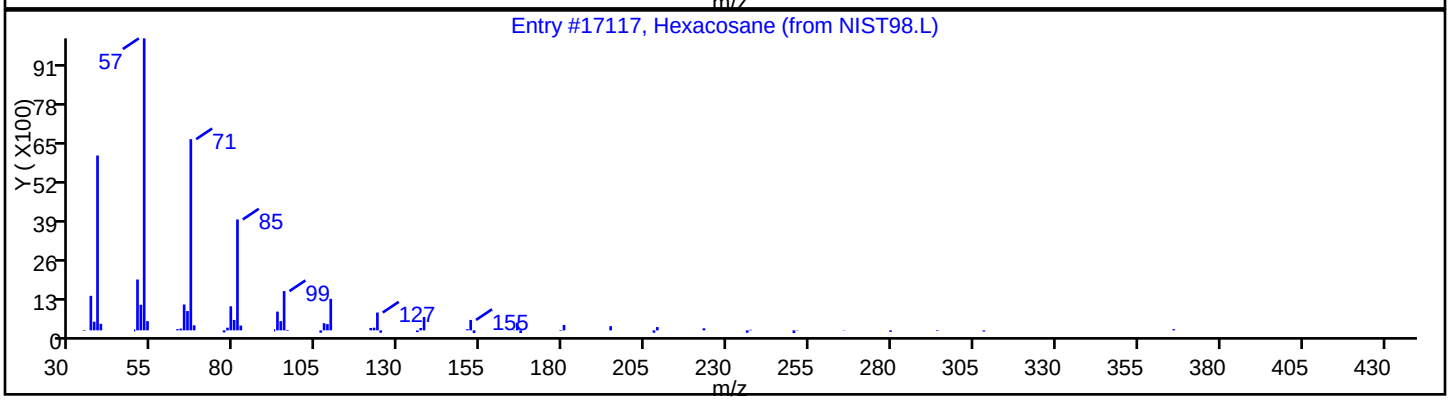
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heneicosane, 11-decyl-	55320-6-4	NIST98.L	16402	95
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	16434	93
Hexacosane	630-1-3	NIST98.L	17117	91









Report Date: 07-Oct-2009 16:04:12 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

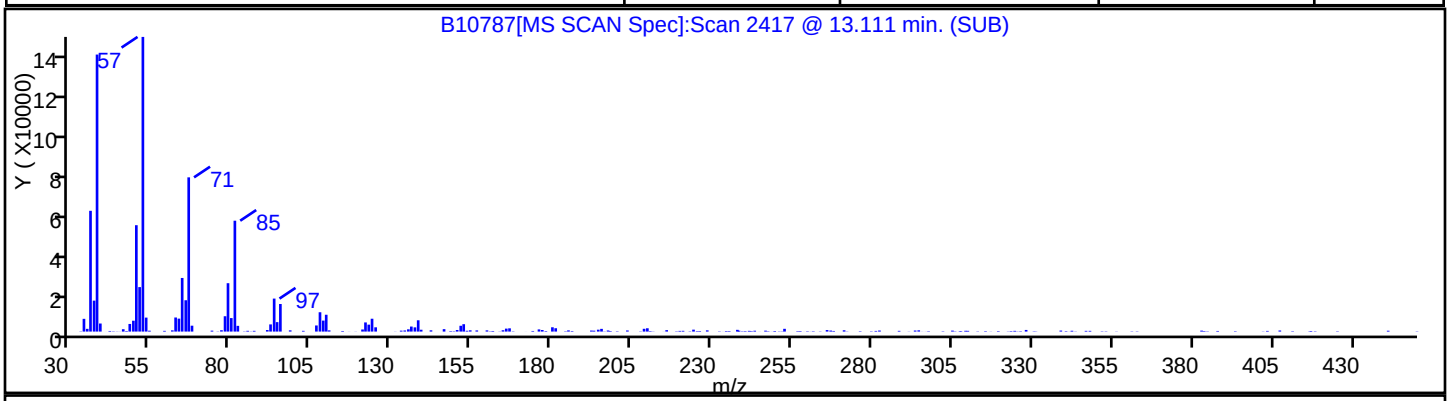
Lims Batch ID: 49983 Lims Sample ID: 23

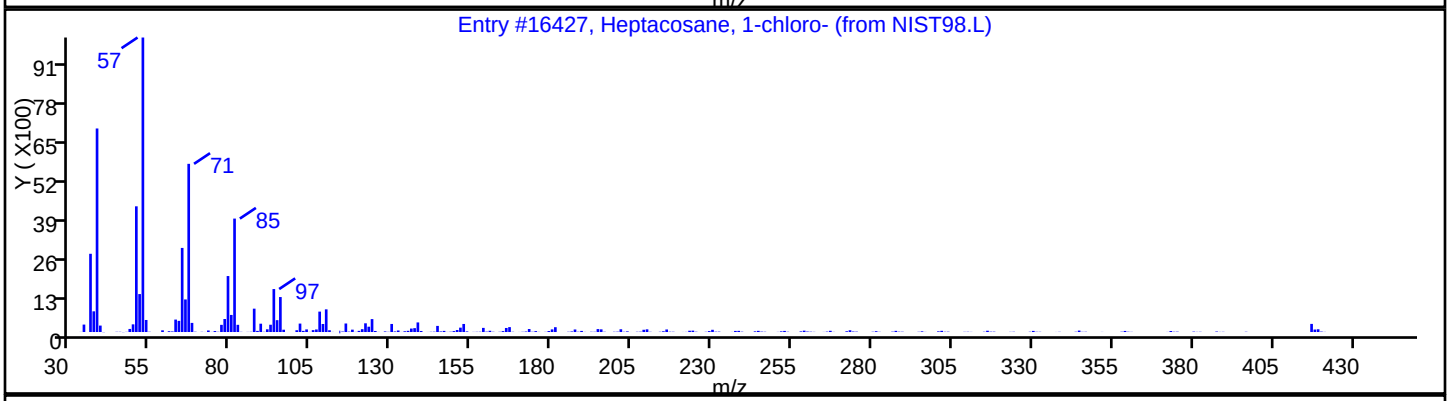
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

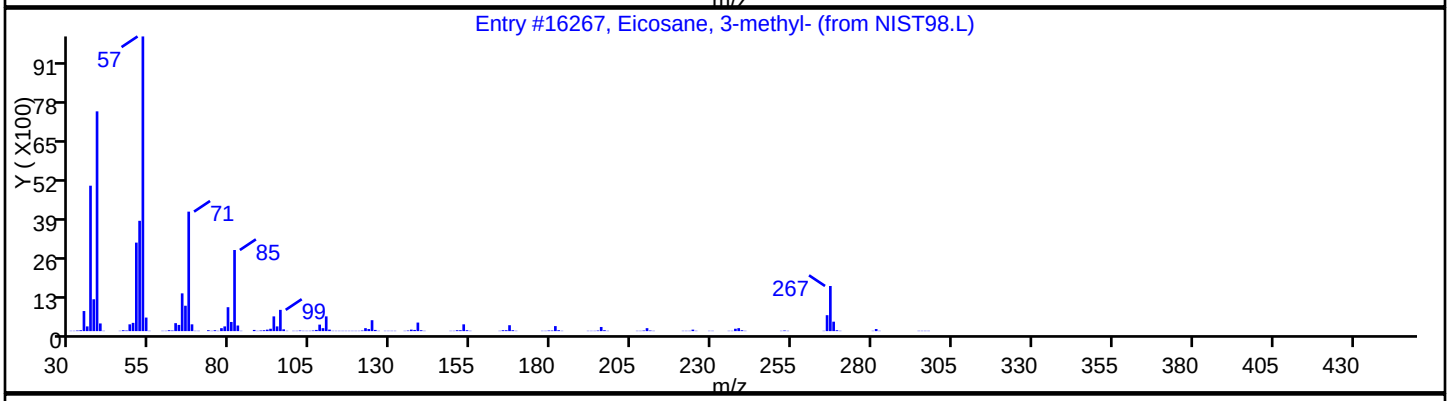
Sample Info: 360-24665-A-14-C

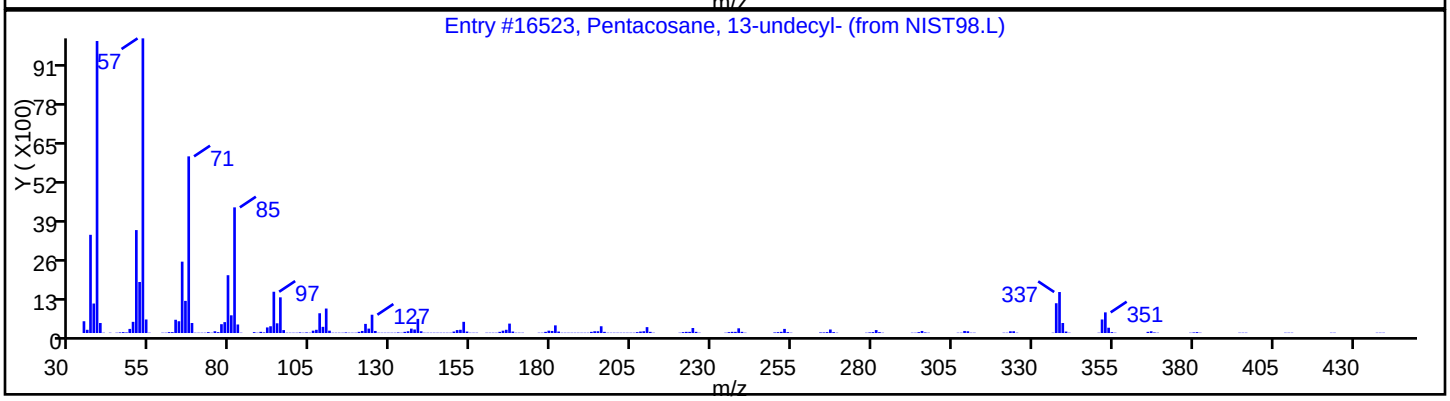
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptacosane, 1-chloro-	62016-79-9	NIST98.L	16427	97
Eicosane, 3-methyl-	6418-46-8	NIST98.L	16267	93
Pentacosane, 13-undecyl-	55517-89-0	NIST98.L	16523	90









Report Date: 07-Oct-2009 16:04:13 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

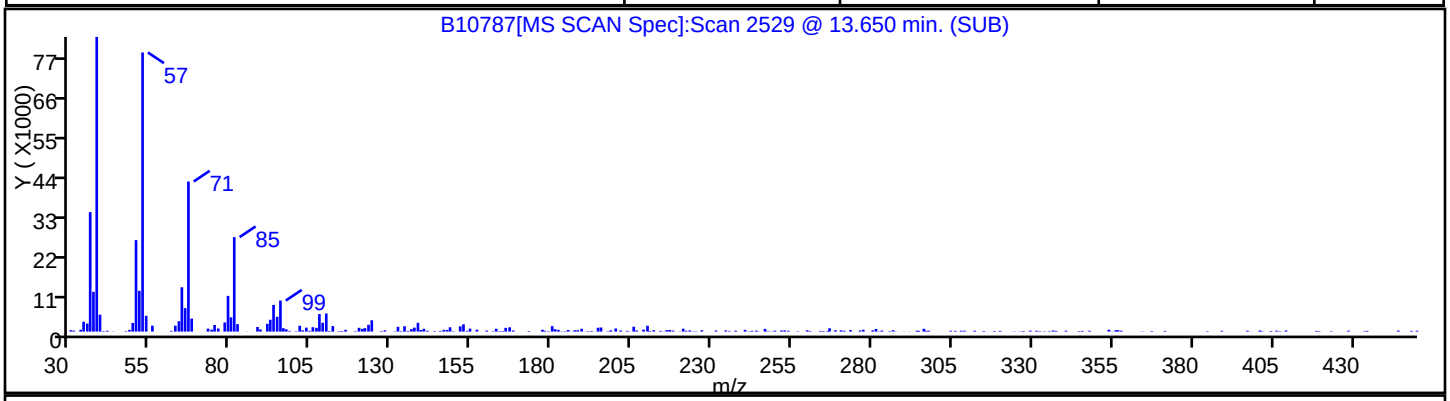
Lims Batch ID: 49983 Lims Sample ID: 23

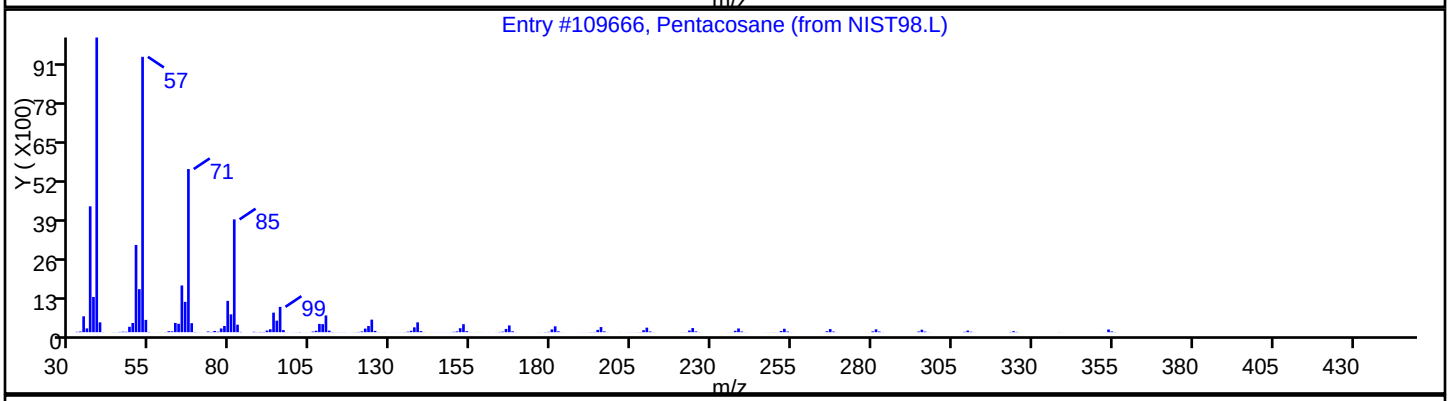
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

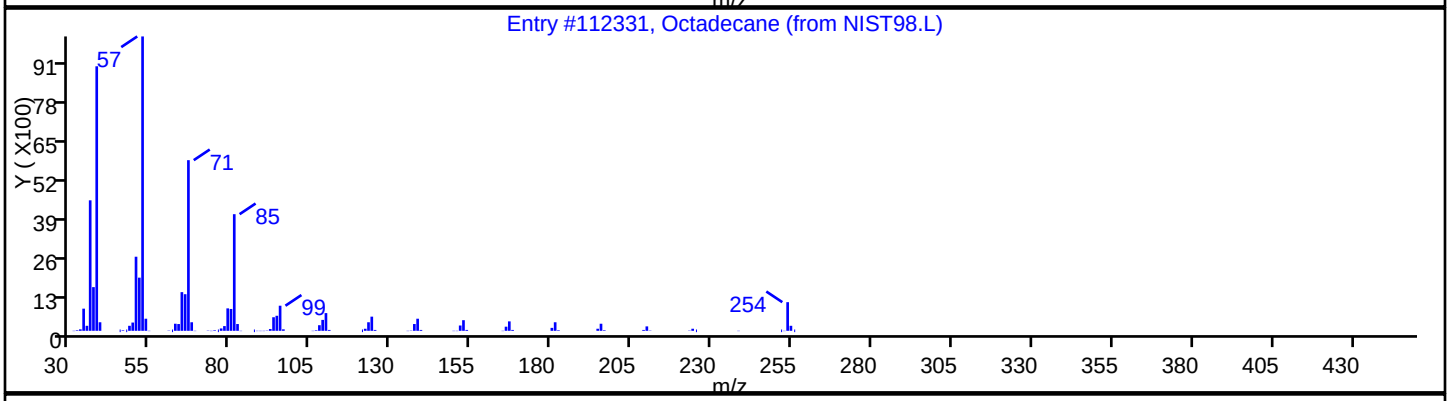
Sample Info: 360-24665-A-14-C

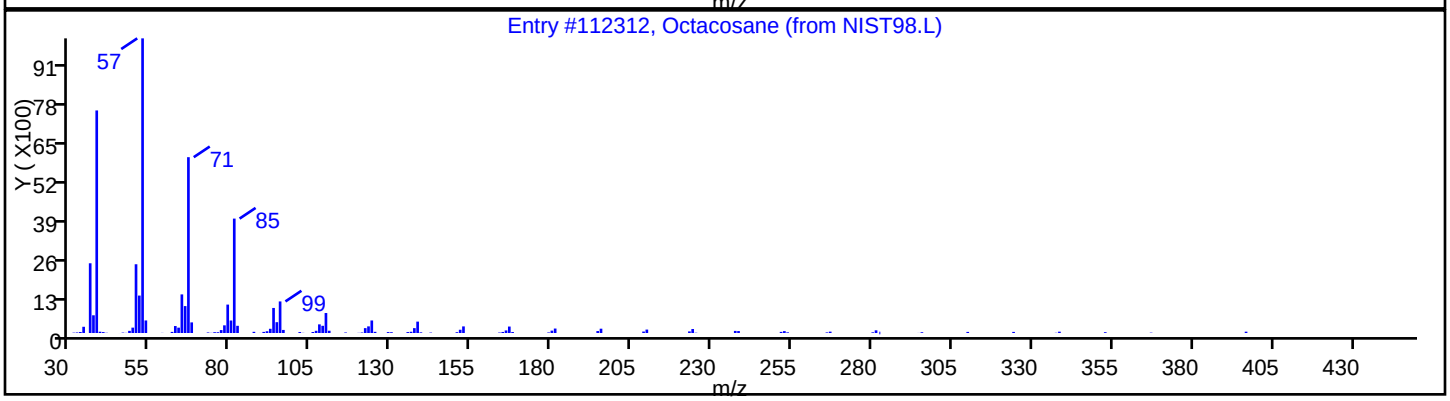
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Pentacosane	629-99-2	NIST98.L	109666	98
Octadecane	593-45-3	NIST98.L	112331	94
Octacosane	630-2-4	NIST98.L	112312	90









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Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10787.D

Inj Date: 07-Oct-2009 03:00:30 Limit Group: SMS - 8270LL SVOA Calibration

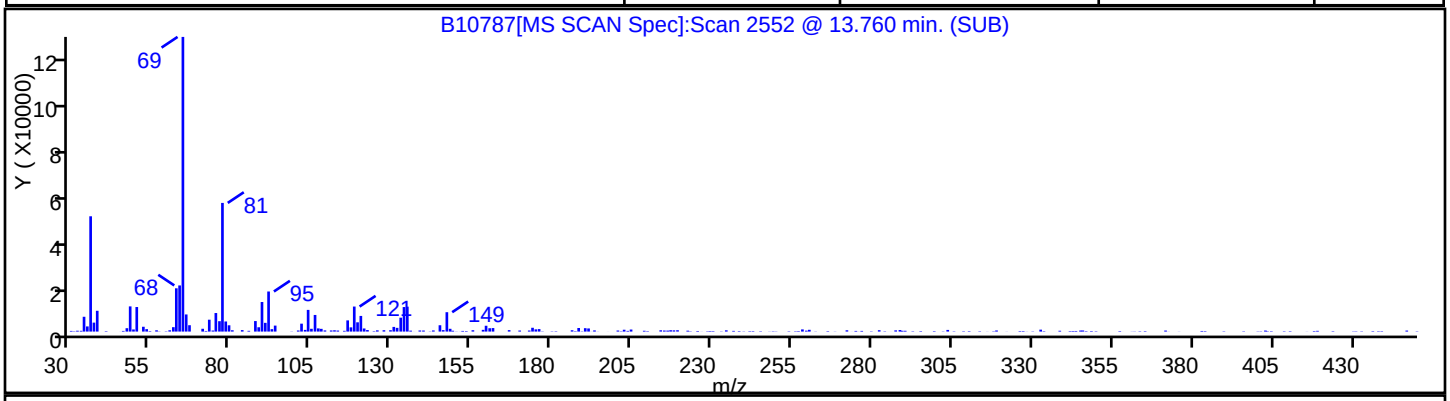
Lims Batch ID: 49983 Lims Sample ID: 23

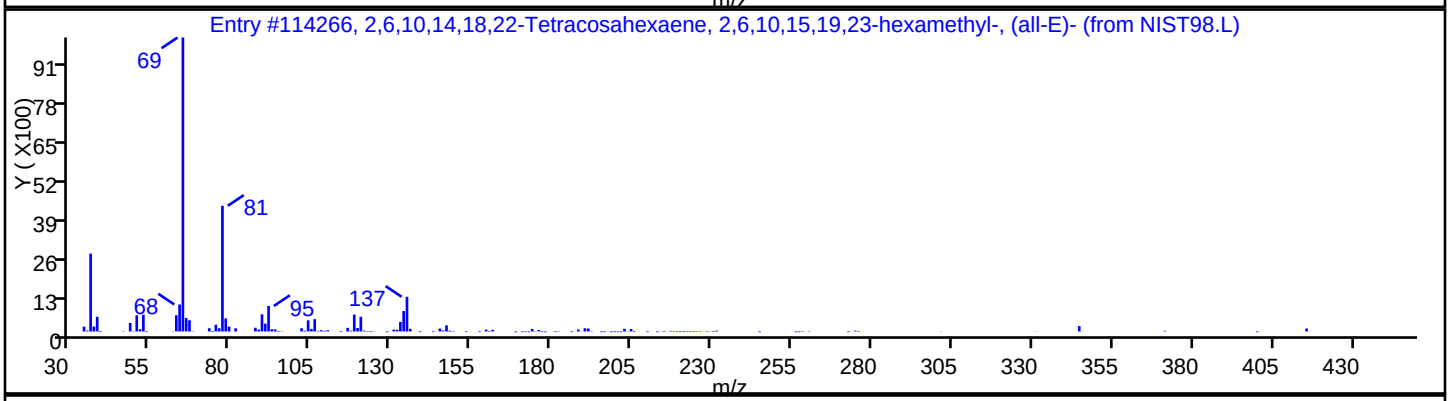
Client ID: OC-SB-406-13/15-XXX Instrument: Inst. B

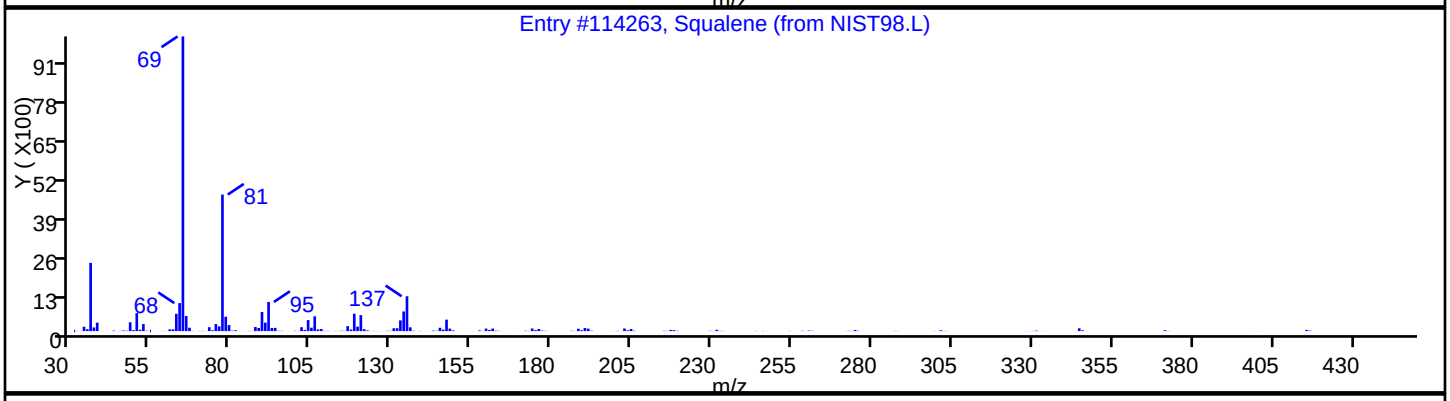
Sample Info: 360-24665-A-14-C

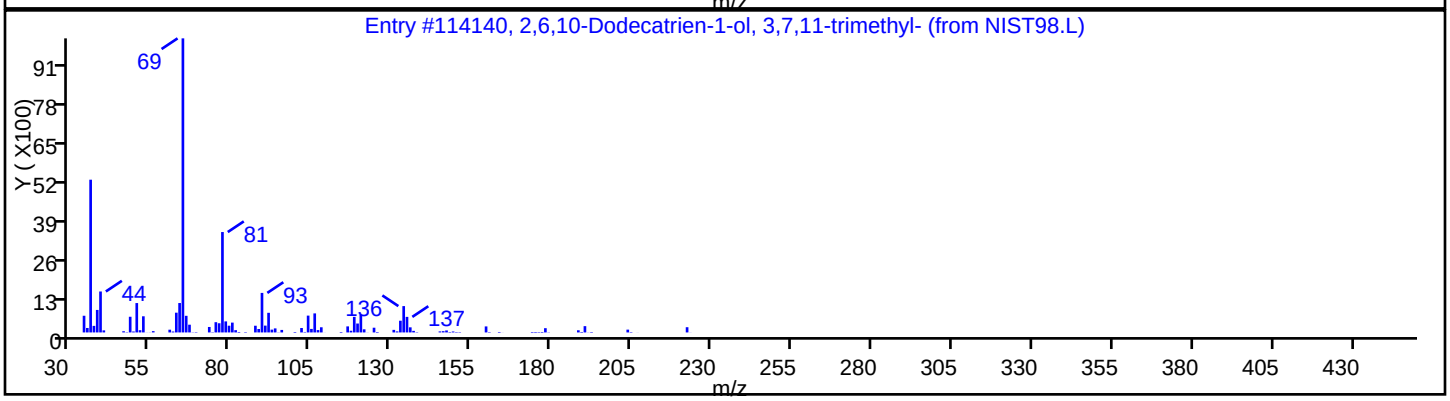
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-2-4	NIST98.L	114266	90
Squalene	7683-64-9	NIST98.L	114263	86
2,6,10-Dodecatrien-1-ol, 3,7,11-trimethy	4602-84-0	NIST98.L	114140	80









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-413-10/12-XXX | Lab Sample ID: 360-24665-18

Matrix: Solid | Lab File ID: B10790.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 10:50

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.80(g) | Date Analyzed: 10/07/2009 04:23

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	ND		36	11
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		36	11
120-82-1	1,2,4-Trichlorobenzene	ND		36	11
95-50-1	1,2-Dichlorobenzene	ND		36	11
541-73-1	1,3-Dichlorobenzene	ND		36	11
106-46-7	1,4-Dichlorobenzene	ND		36	11
90-12-0	1-Methylnaphthalene	ND		36	11
108-60-1	2,2'-oxybis[1-chloropropane]	ND		36	11
58-90-2	2,3,4,6-Tetrachlorophenol	ND		36	11
95-95-4	2,4,5-Trichlorophenol	ND		36	11
88-06-2	2,4,6-Trichlorophenol	ND		36	11
120-83-2	2,4-Dichlorophenol	ND		36	11
105-67-9	2,4-Dimethylphenol	ND		36	14
51-28-5	2,4-Dinitrophenol	ND		36	11
121-14-2	2,4-Dinitrotoluene	ND		36	11
606-20-2	2,6-Dinitrotoluene	ND		36	11
91-58-7	2-Chloronaphthalene	ND		36	11
95-57-8	2-Chlorophenol	ND		36	11
91-57-6	2-Methylnaphthalene	ND		36	11
95-48-7	2-Methylphenol	ND		36	22
88-74-4	2-Nitroaniline	ND		180	11
88-75-5	2-Nitrophenol	ND		36	11
15831-10-4	3 & 4 Methylphenol	ND		36	11
91-94-1	3,3'-Dichlorobenzidine	ND		72	11
99-09-2	3-Nitroaniline	ND		180	11
534-52-1	4,6-Dinitro-2-methylphenol	ND		180	11
101-55-3	4-Bromophenyl phenyl ether	ND		36	11
59-50-7	4-Chloro-3-methylphenol	ND		72	11
106-47-8	4-Chloroaniline	ND		72	11
7005-72-3	4-Chlorophenyl phenyl ether	ND		36	11
100-01-6	4-Nitroaniline	ND		180	11
100-02-7	4-Nitrophenol	ND		180	11
83-32-9	Acenaphthene	ND		36	11
208-96-8	Acenaphthylene	ND		36	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-413-10/12-XXX | Lab Sample ID: 360-24665-18

Matrix: Solid | Lab File ID: B10790.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 10:50

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.80(g) | Date Analyzed: 10/07/2009 04:23

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	ND		36	11
62-53-3	Aniline	ND	*	36	11
120-12-7	Anthracene	ND		36	11
1912-24-9	Atrazine	ND		36	11
103-33-3	Azobenzene	ND		36	11
100-52-7	Benzaldehyde	ND		36	11
56-55-3	Benzo[a]anthracene	ND		36	11
50-32-8	Benzo[a]pyrene	ND		36	11
205-99-2	Benzo[b]fluoranthene	ND		36	11
191-24-2	Benzo[g,h,i]perylene	ND		36	11
207-08-9	Benzo[k]fluoranthene	ND		36	11
65-85-0	Benzoic acid	ND	*	180	16
119-61-9	Benzophenone	ND		36	11
100-51-6	Benzyl alcohol	ND		72	31
111-91-1	Bis(2-chloroethoxy)methane	ND		36	11
111-44-4	Bis(2-chloroethyl)ether	ND		36	11
117-81-7	Bis(2-ethylhexyl) phthalate	16	J	36	11
85-68-7	Butyl benzyl phthalate	40		36	11
105-60-2	Caprolactam	ND		36	11
86-74-8	Carbazole	ND		36	11
218-01-9	Chrysene	ND		36	11
53-70-3	Dibenz(a,h)anthracene	ND		36	11
132-64-9	Dibenzofuran	ND		36	11
84-66-2	Diethyl phthalate	ND		36	11
131-11-3	Dimethyl phthalate	ND		36	11
84-74-2	Di-n-butyl phthalate	ND		36	32
117-84-0	Di-n-octyl phthalate	ND		36	18
101-84-8	Diphenyl oxide	ND		36	11
206-44-0	Fluoranthene	ND		36	11
86-73-7	Fluorene	ND		36	11
118-74-1	Hexachlorobenzene	ND		36	11
87-68-3	Hexachlorobutadiene	ND		36	11
77-47-4	Hexachlorocyclopentadiene	ND		72	11
67-72-1	Hexachloroethane	ND		36	11

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-413-10/12-XXX | Lab Sample ID: 360-24665-18

Matrix: Solid | Lab File ID: B10790.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 10:50

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.80(g) | Date Analyzed: 10/07/2009 04:23

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
193-39-5	Indeno[1,2,3-cd]pyrene	ND		36	11
78-59-1	Isophorone	ND		36	11
91-20-3	Naphthalene	ND		86	11
98-95-3	Nitrobenzene	ND		36	11
62-75-9	N-Nitrosodimethylamine	ND		36	13
621-64-7	N-Nitrosodi-n-propylamine	ND		36	11
86-30-6	N-Nitrosodiphenylamine	ND		36	11
87-86-5	Pentachlorophenol	ND		36	11
85-01-8	Phenanthrene	ND		43	11
108-95-2	Phenol	ND		36	11
129-00-0	Pyrene	ND		36	11

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol	63	30-130	
321-60-8	2-Fluorobiphenyl	55	30-130	
367-12-4	2-Fluorophenol	74	30-130	
4165-60-0	Nitrobenzene-d5	55	30-130	
4165-62-2	Phenol-d5	52	30-130	
1718-51-0	Terphenyl-d14	78	30-130	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: OC-SB-413-10/12-XXX | Lab Sample ID: 360-24665-18

Matrix: Solid | Lab File ID: B10790.D

Analysis Method: 8270C LL | Date Collected: 09/17/2009 10:50

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.80(g) | Date Analyzed: 10/07/2009 04:23

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49983 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 946

CAS NO.	COMPOUND NAME	RT	RESULT	Q
128-37-0	Butylated Hydroxytoluene	8.95	56	T J N
3910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3	9.84	87	T J N
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene	10.26	58	T J N
149-30-4	2-Mercaptobenzothiazole	10.79	44	T J N
638-67-5	Tricosane	11.69	49	T J N
55319-83-0	Docosane, 9-octyl-	12.29	100	T J N
630-2-4	Octacosane	12.67	110	T J N
593-49-7	Heptacosane	13.11	140	T J N
1928-30-9	Tricosane, 2-methyl-	13.65	72	T J N
7683-64-9	Squalene	13.77	230	T J N

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Lims ID:	360-24665-A-18-C	Client ID:	OC-SB-413-10/12-XXX
Inject. Date:	07-Oct-2009 04:23:30	Dil. Factor:	1.0000
Sample Type:	Client Sample		
Sample ID:	360-24665-A-18-C		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	26
Lims Batch ID:	49983	Lims Sample ID:	26
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:10	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	07-Oct-2009 16:04:51

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.293	6.278	0.015	237846	2.00	
* 2 Naphthalene-d8	136	7.452	7.442	0.010	561277	2.00	
* 3 Acenaphthene-d10	164	8.933	8.923	0.010	288492	2.00	
* 4 Phenanthrene-d10	188	10.159	10.145	0.015	447201	2.00	
* 5 Chrysene-d12	240	12.410	12.385	0.025	229469	2.00	
* 6 Perylene-d12	264	14.607	14.540	0.067	141875	2.00	
$ 7 2-Fluorophenol	112	4.836	4.691	0.145	488294	7.43	M
$ 8 Phenol-d5	99	6.023	5.961	0.062	519214	5.19	
$ 9 Nitrobenzene-d5	82	6.822	6.812	0.010	303484	2.75	
$ 10 2-Fluorobiphenyl	172	8.375	8.365	0.010	603992	2.77	
$ 11 2,4,6-Tribromophenol	330	9.592	9.572	0.020	129879	6.27	
$ 12 Terphenyl-d14	244	11.477	11.462	0.015	400111	3.92	
30 Acetophenone	105	6.687	6.677	0.010	26826	0.2377	
66 Diethyl phthalate	149	9.298	9.289	0.009	8662	0.0375	
80 Phenanthrene	178	10.178	10.164	0.014	10882	0.0415	
81 Anthracene	178	10.222	10.207	0.015	3729	0.0834	
83 Carbazole	167	10.366	10.342	0.024	5650	0.0265	
84 Di-n-butyl phthalate	149	10.645	10.635	0.010	44903	0.1327	
85 Pyrene	202	11.347	11.327	0.020	7426	0.0443	
89 Butyl benzyl phthalate	149	11.885	11.871	0.014	99682	1.12	
92 Bis(2-ethylhexyl) phthalate	149	12.438	12.419	0.019	58124	0.4455	

QC Flag Legend

Review Flags
M - Manually Integrated

TestAmerica Laboratories
Tentatively Identified Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Lims ID:	360-24665-A-18-C	Client ID:	OC-SB-413-10/12-XXX
Inject. Date:	07-Oct-2009 04:23:30	Dil. Factor:	1.0000
Sample Type:	Client Sample		
Sample ID:	360-24665-A-18-C		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	26
Lims Batch ID:	49983	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:10	Calib Date:	06-Oct-2009 20:59:30
Tic RT Window:	0.000 -30.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\wessvr06\chromdata\DATABASE\NIST98.L		
Min. Match:	50		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:04:51

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Calibrated Tentative Identified Compound Results

Compound	RT	Response	Amount ug/mL	Flags
Pentachloronitrobenzene	10.010	584	0.5051	
1,4-Dioxane	1.652	2679	0.4168	
Pyridine	2.027	486	0.5928	
Benzidine	11.299	669	0.5858	

Tentative Identified Compound Results

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
541-2-6	Cyclopentasiloxane, decamethyl-					
7.048	290421	0.3811	2	91	115273	
95-16-9	Benzothiazole					
7.697	373452	0.4901	2	94	122346	
128-37-0	Butylated Hydroxytoluene					
8.952	1338341	1.55	3	90	126413	
27193-28-8	Phenol, (1,1,3,3-tetramethylbutyl)-					
9.380	953993	1.11	3	93	61171	
3910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3					
9.842	1659995	2.43	4	96	126943	
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene					
10.260	1097454	1.60	4	90	64461	
5129-60-2	Pentadecanoic acid, 14-methyl-, methyl e					
10.515	704608	1.03	4	91	115451	

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
149-30-4	2-Mercaptobenzothiazole					
10.789	827148	1.21	4	96	124619	
112-61-8	Octadecanoic acid, methyl ester					
11.169	697076	1.02	4	94	115469	
55045-10-8	Tridecane, 6-propyl-					
11.395	265056	0.7052	5	91	5641	
638-67-5	Tricosane					
11.688	512618	1.36	5	94	109662	
55319-83-0	Docosane, 9-octyl-					
12.294	1056045	2.81	5	91	5584	
630-2-4	Octacosane					
12.669	1131700	3.01	5	96	16409	
593-49-7	Heptacosane					
13.112	1451093	3.86	5	95	112354	
1928-30-9	Tricosane, 2-methyl-					
13.650	959305	2.00	6	93	109646	
7683-64-9	Squalene					
13.766	3024927	6.30	6	87	114263	

Quantitation Compounds

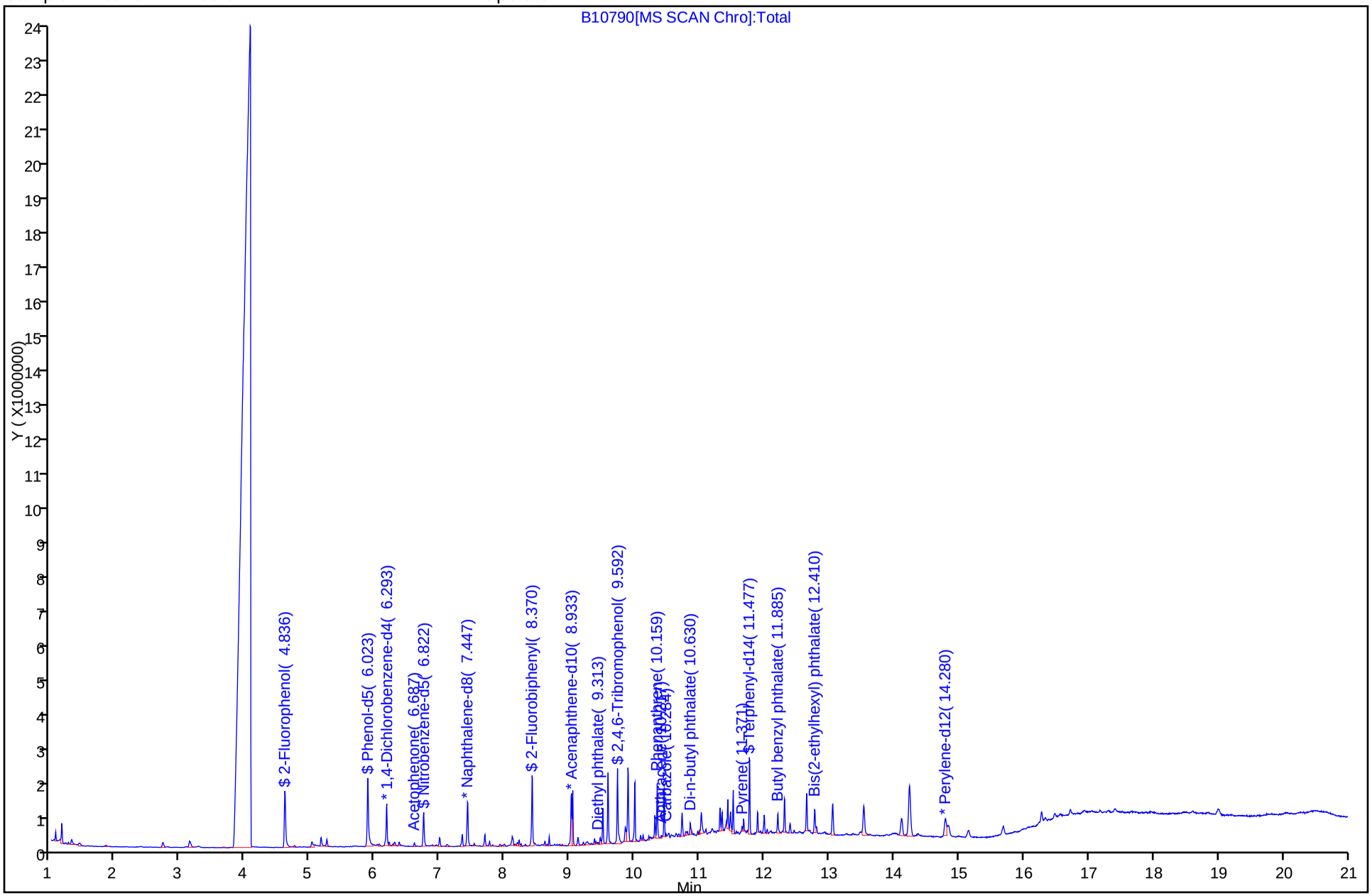
Compound	RT	Response	Amount ug/mL
* 2 Naphthalene-d8	7.447	1524119	2.00
* 3 Acenaphthene-d10	8.933	1725719	2.00
* 4 Phenanthrene-d10	10.159	1368882	2.00
* 5 Chrysene-d12	12.410	751712	2.00
* 6 Perylene-d12	14.280	961016	2.00

QC Flag Legend

Processing Flags

Report Date: 07-Oct-2009 16:04:51 Chrom Revision: 1.1 01-Oct-2009 08:19:20

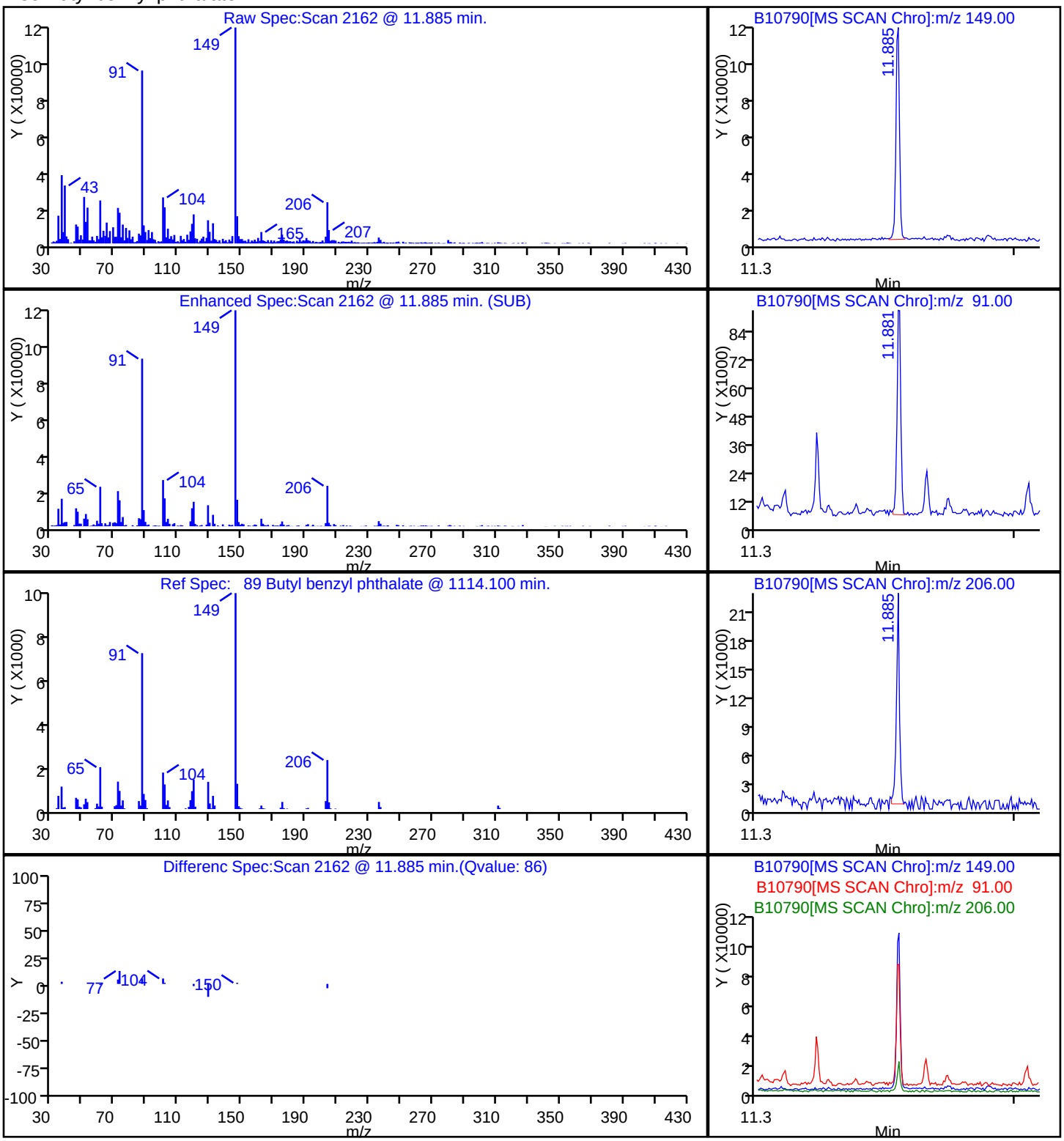
Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Inj Date:	07-Oct-2009 04:23:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	26
Client ID:	OC-SB-413-10/12-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-18-C		
Sample Amount:	1.00 ul	Operator:	MZ



Report Date: 07-Oct-2009 16:04:54 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Inj Date:	07-Oct-2009 04:23:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	26
Client ID:	OC-SB-413-10/12-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-18-C		
Sample Amount:	1.00 ul	Operator:	MZ

89 Butyl benzyl phthalate



Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Inj Date:	07-Oct-2009 04:23:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	26
Client ID:	OC-SB-413-10/12-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-18-C		
Sample Amount:	1.00 ul	Operator:	MZ

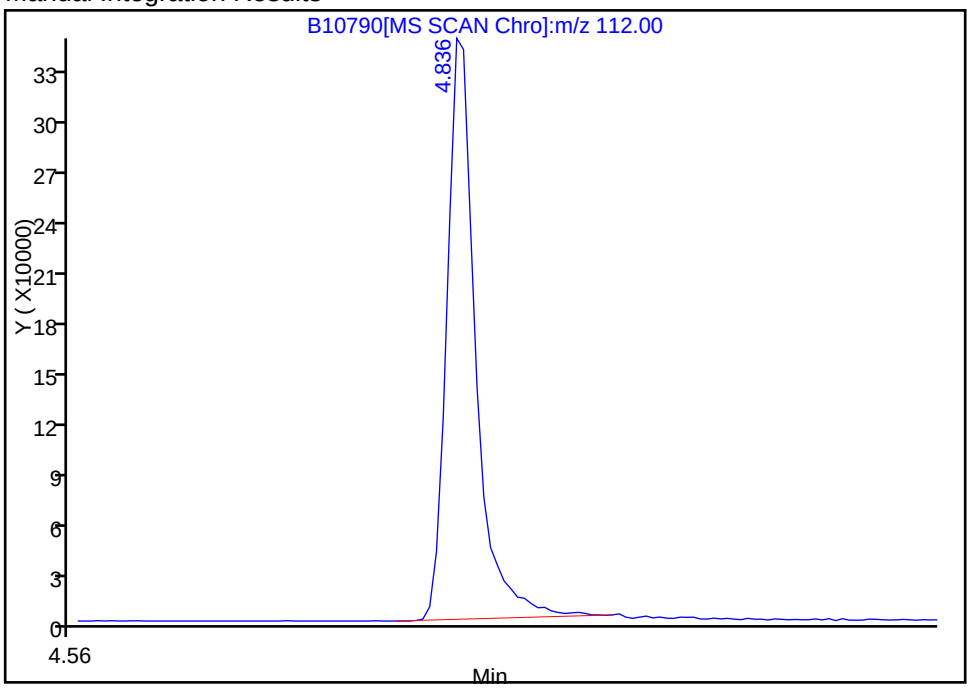
$ 7 2-Fluorophenol, Number: 1, m/z: 112 Type: quant, RT: 4.69

Processing Integration Results

Not Detected
Expected RT: 4.69

Manual Integration Results

RT: 4.84
Response: 488294
Amount: 7.431364



Reviewer: sullivanp, 07-Oct-2009 16:04:51
Audit Action: Manually Integrated
Audit Reason: Assign Peak

Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

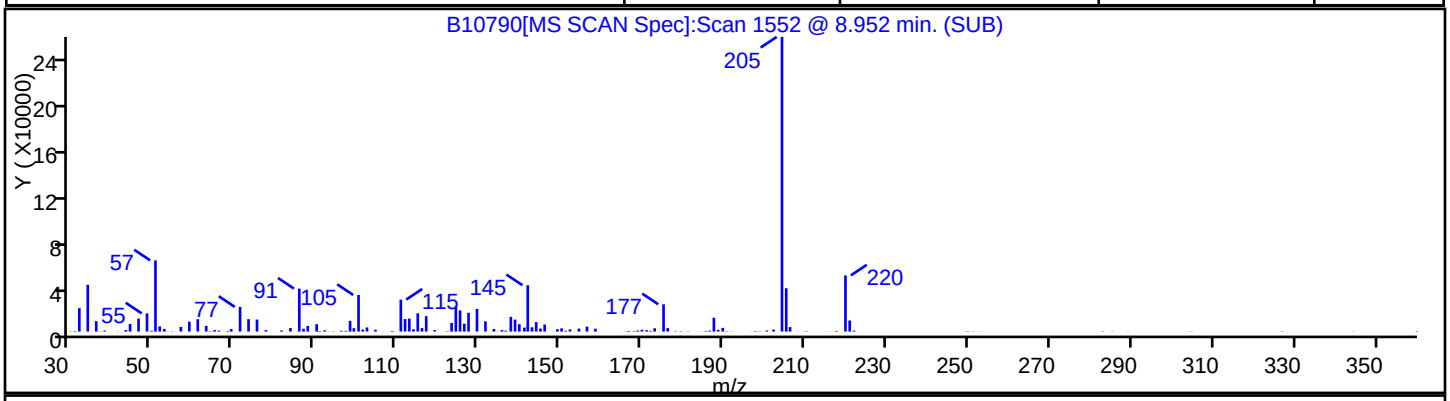
Lims Batch ID: 49983 Lims Sample ID: 26

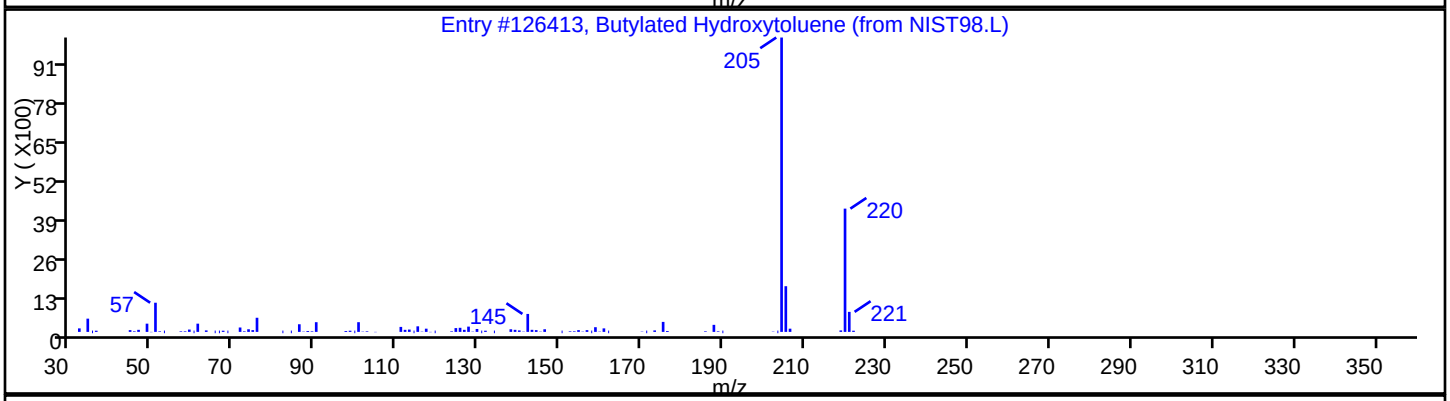
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

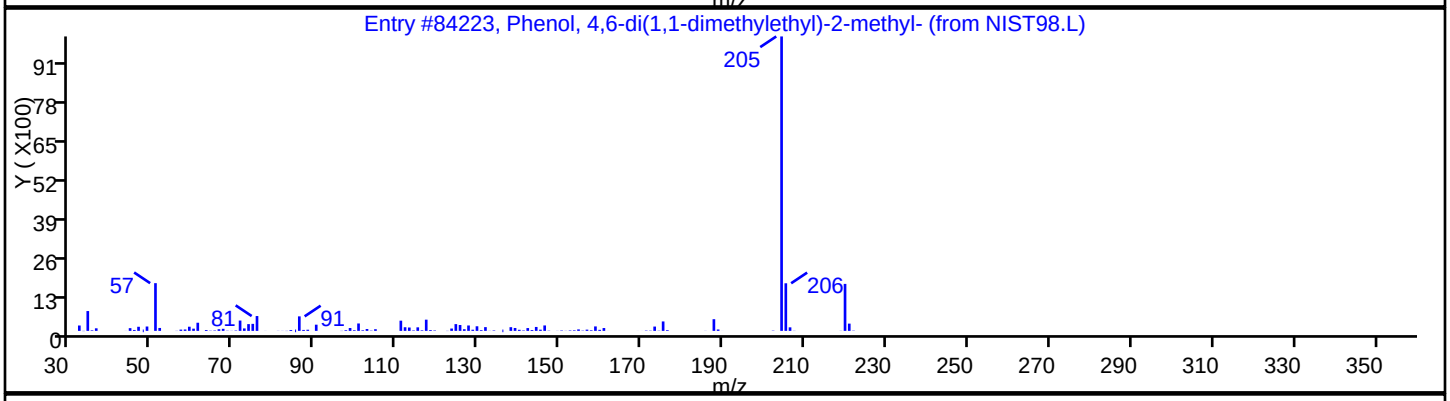
Sample Info: 360-24665-A-18-C

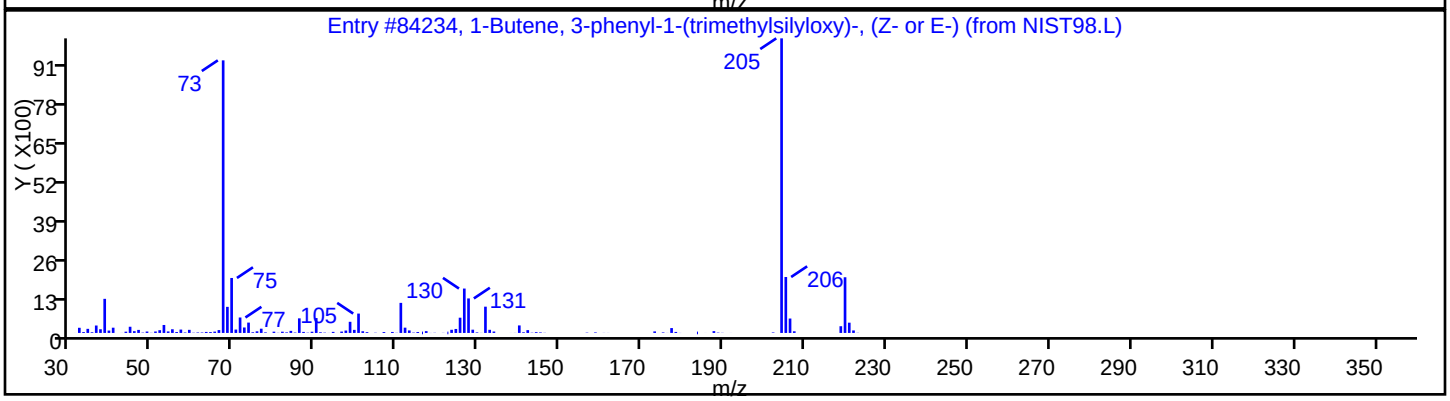
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Butylated Hydroxytoluene	128-37-0	NIST98.L	126413	90
Phenol, 4,6-di(1,1-dimethylethyl)-2-meth	616-55-7	NIST98.L	84223	80
1-Butene, 3-phenyl-1-(trimethylsilyloxy)	55543-95-8	NIST98.L	84234	59





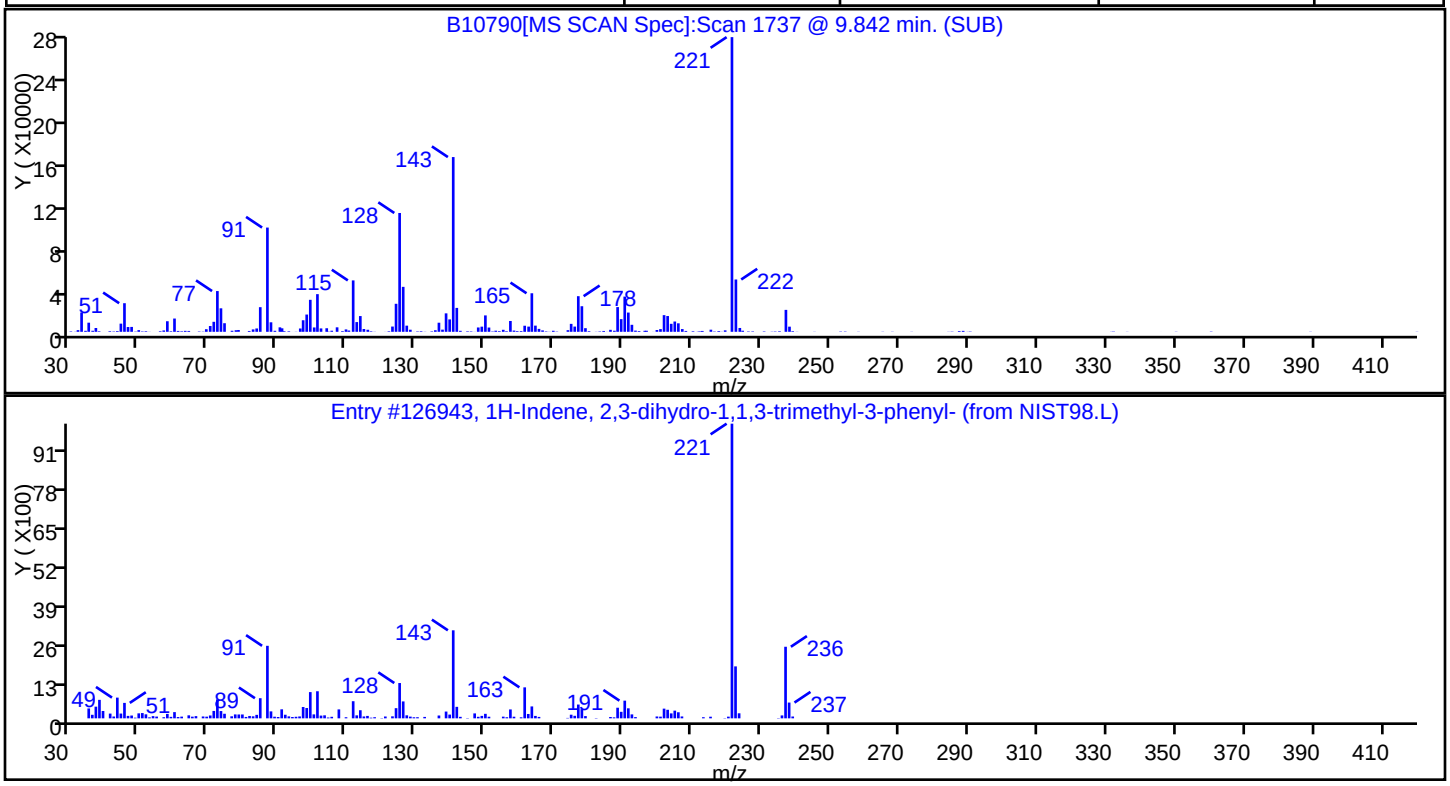




Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Inj Date:	07-Oct-2009 04:23:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	26
Client ID:	OC-SB-413-10/12-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-18-C		
Sample Amount:	1.00 ul	Operator:	MZ

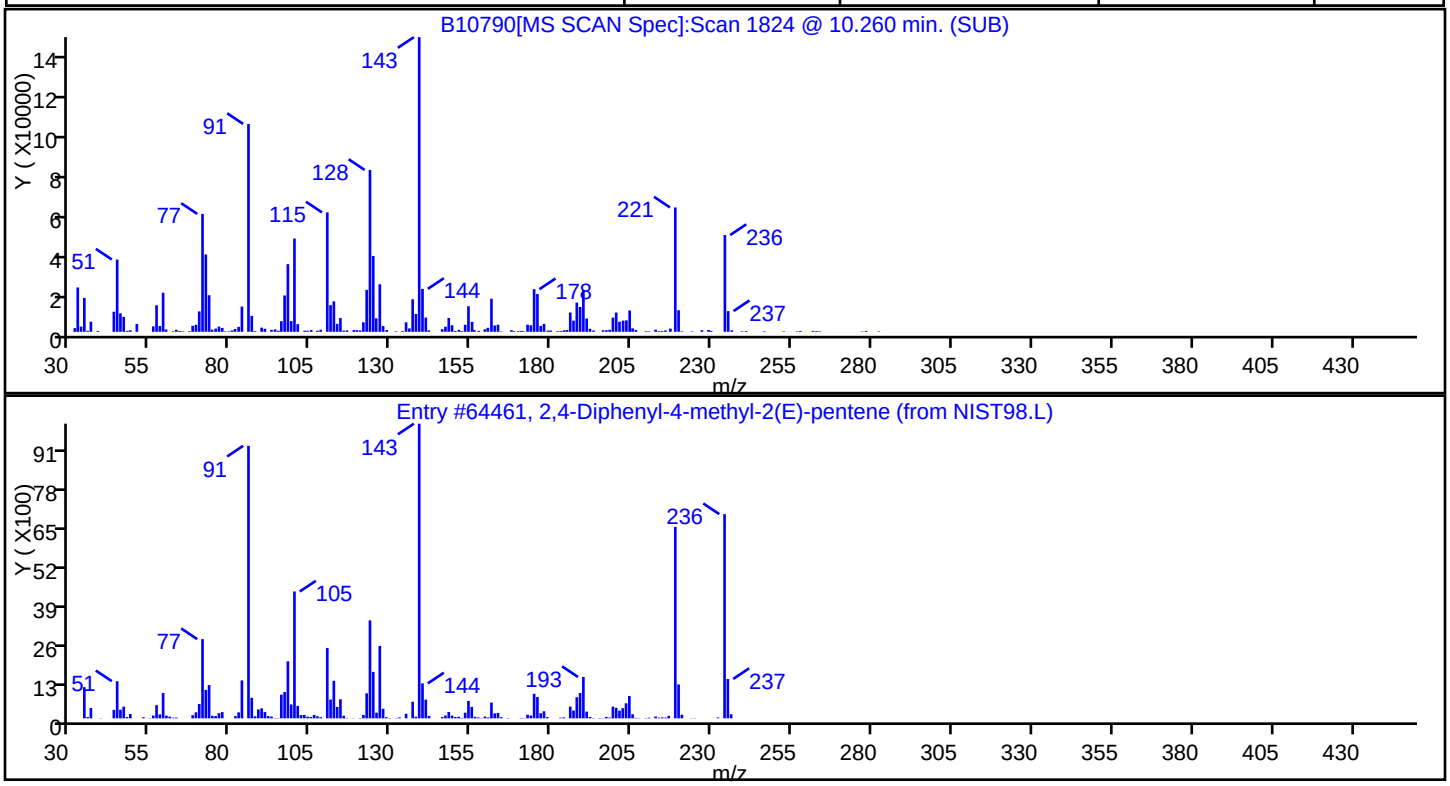
Library Search Compound Match	CAS Number	Library	Entry	Quality
1H-Indene, 2,3-dihydro-1,1,3-trimethyl-3	3910-35-8	NIST98.L	126943	96



Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D		
Inj Date:	07-Oct-2009 04:23:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	26
Client ID:	OC-SB-413-10/12-XXX	Instrument:	Inst. B
Sample Info:	360-24665-A-18-C		
Sample Amount:	1.00 ul	Operator:	MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
2,4-Diphenyl-4-methyl-2(E)-pentene	22768-22-5	NIST98.L	64461	90



Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

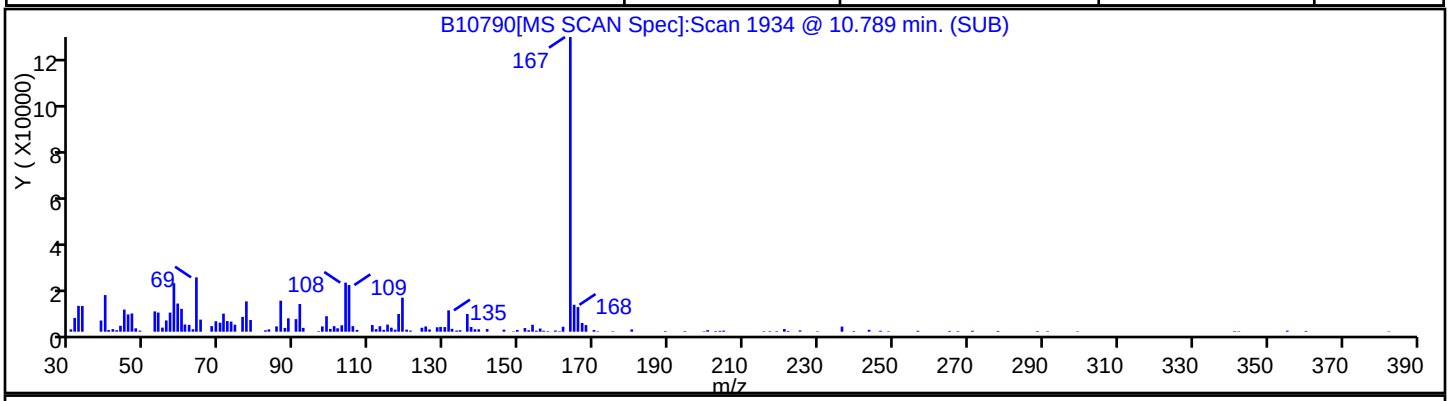
Lims Batch ID: 49983 Lims Sample ID: 26

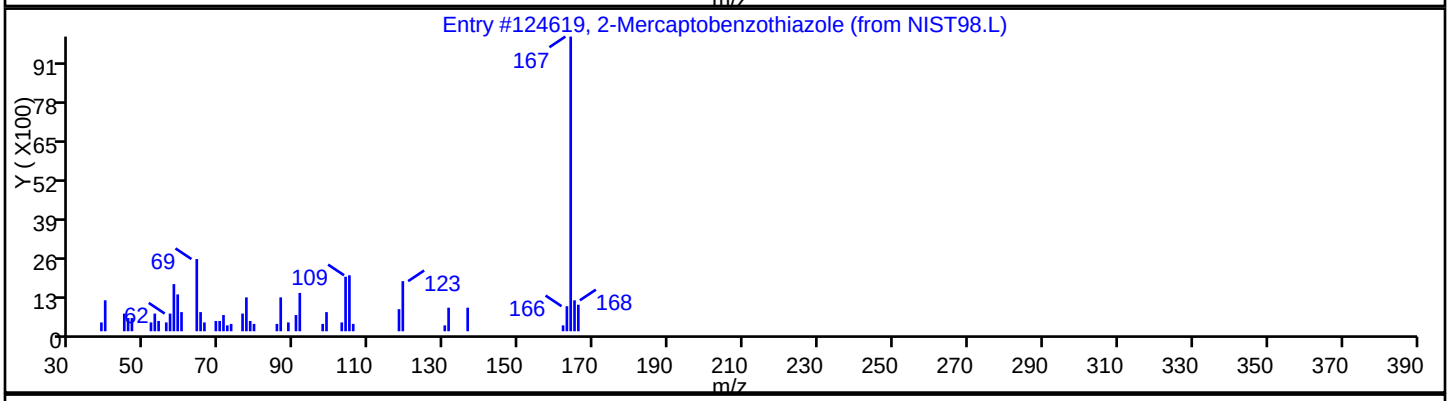
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

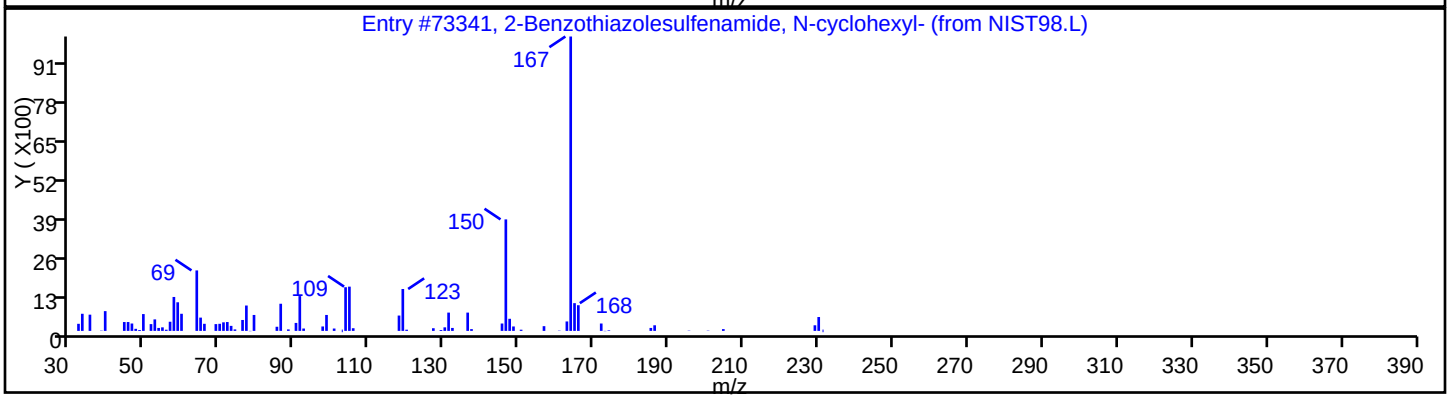
Sample Info: 360-24665-A-18-C

Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
2-Mercaptobenzothiazole	149-30-4	NIST98.L	124619	96
2-Benzothiazolesulfenamide, N-cyclohexyl	95-33-0	NIST98.L	73341	90







Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

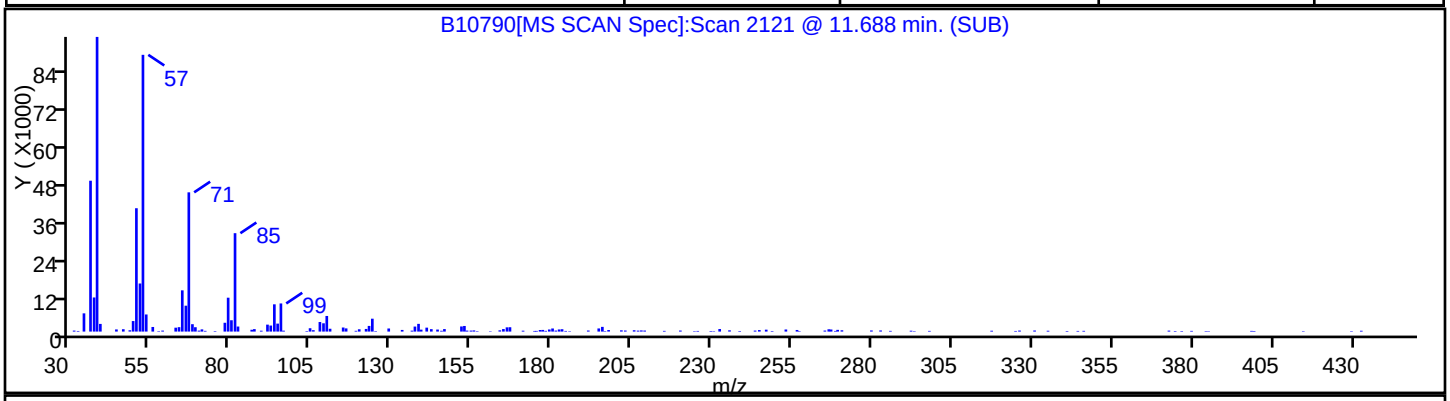
Lims Batch ID: 49983 Lims Sample ID: 26

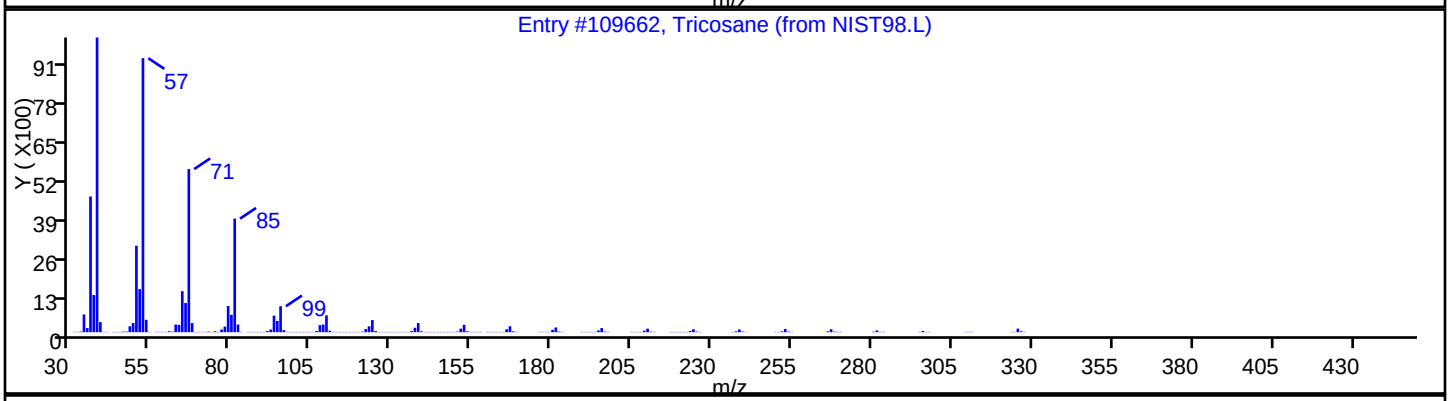
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

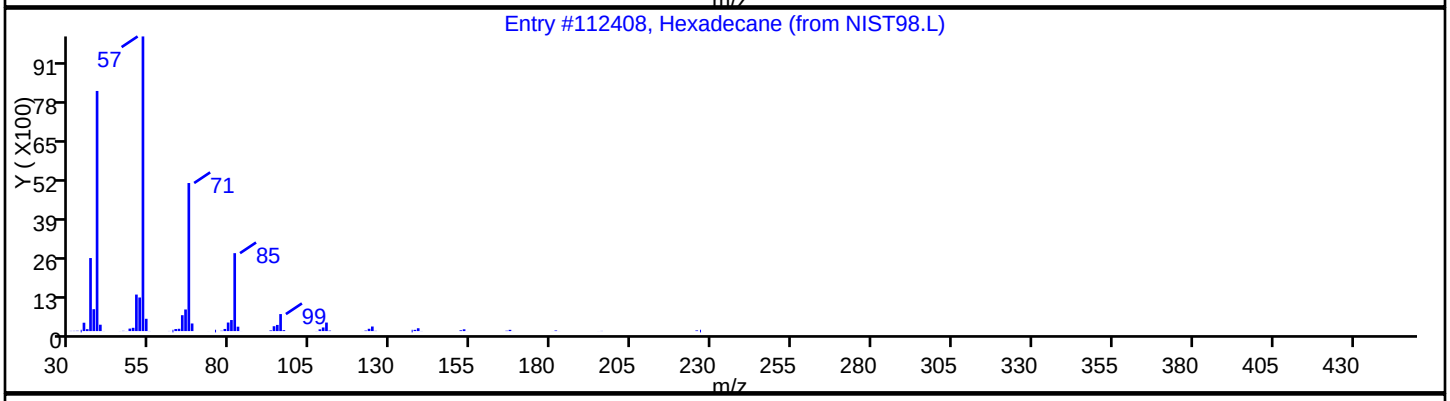
Sample Info: 360-24665-A-18-C

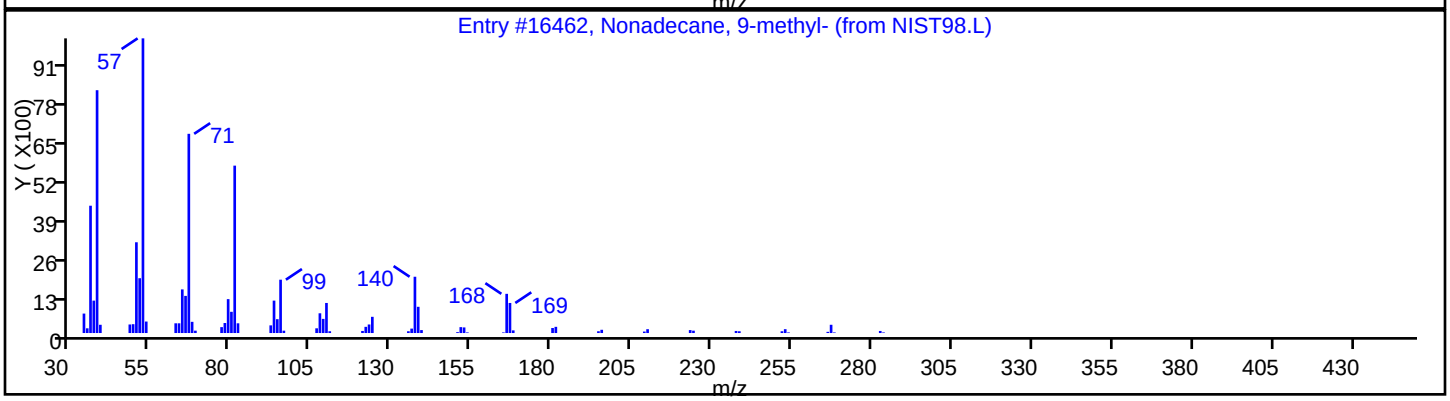
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tricosane	638-67-5	NIST98.L	109662	94
Hexadecane	544-76-3	NIST98.L	112408	93
Nonadecane, 9-methyl-	13287-24-6	NIST98.L	16462	93









Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

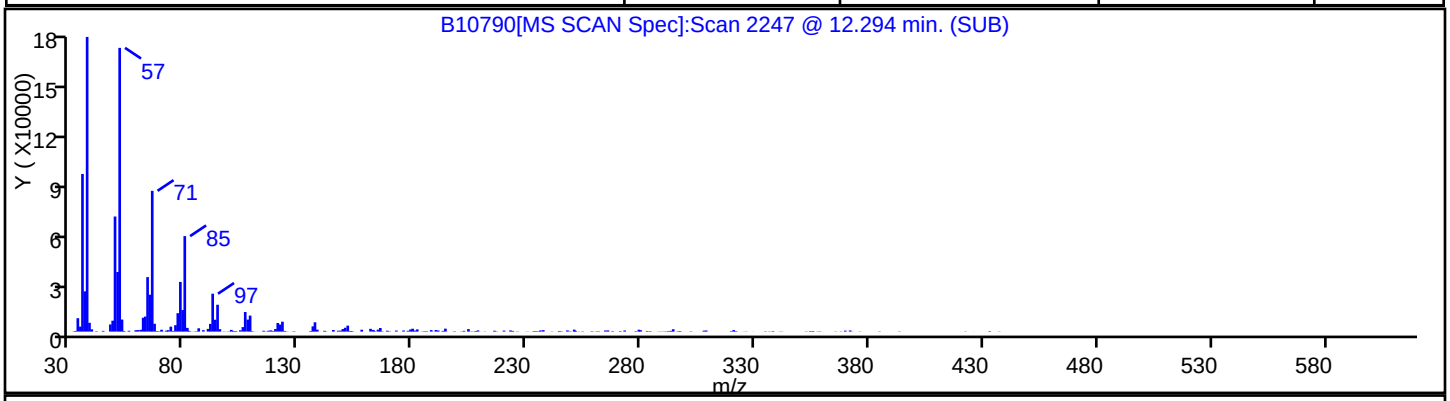
Lims Batch ID: 49983 Lims Sample ID: 26

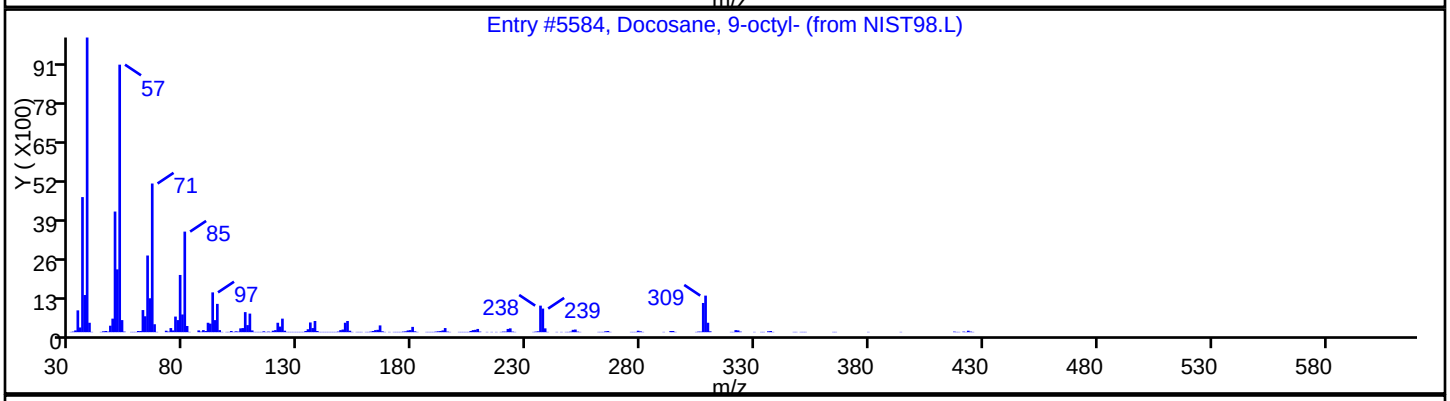
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

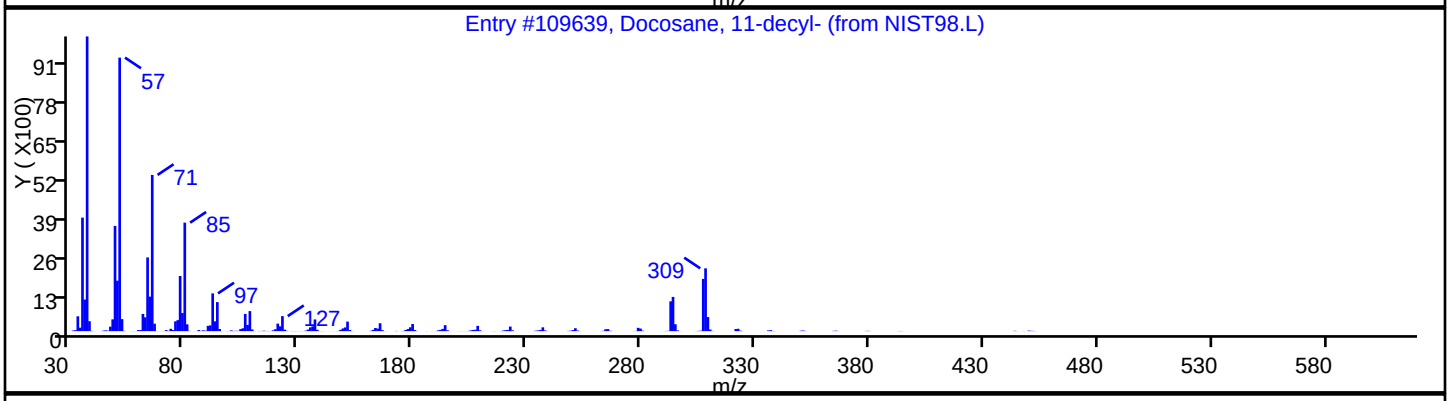
Sample Info: 360-24665-A-18-C

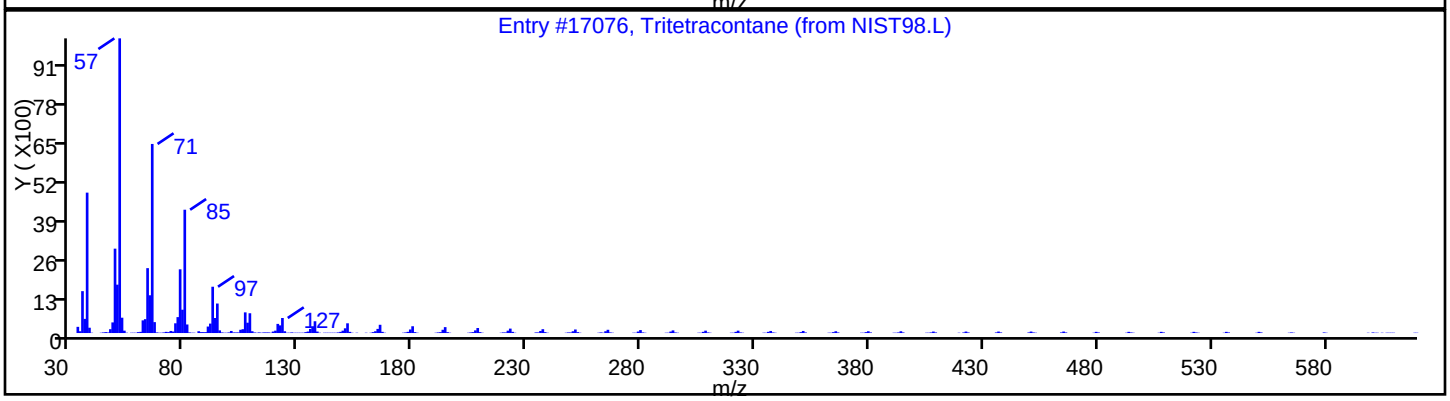
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Docosane, 9-octyl-	55319-83-0	NIST98.L	5584	91
Docosane, 11-decyl-	55401-55-3	NIST98.L	109639	87
Tritetracontane	7098-21-7	NIST98.L	17076	87









Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

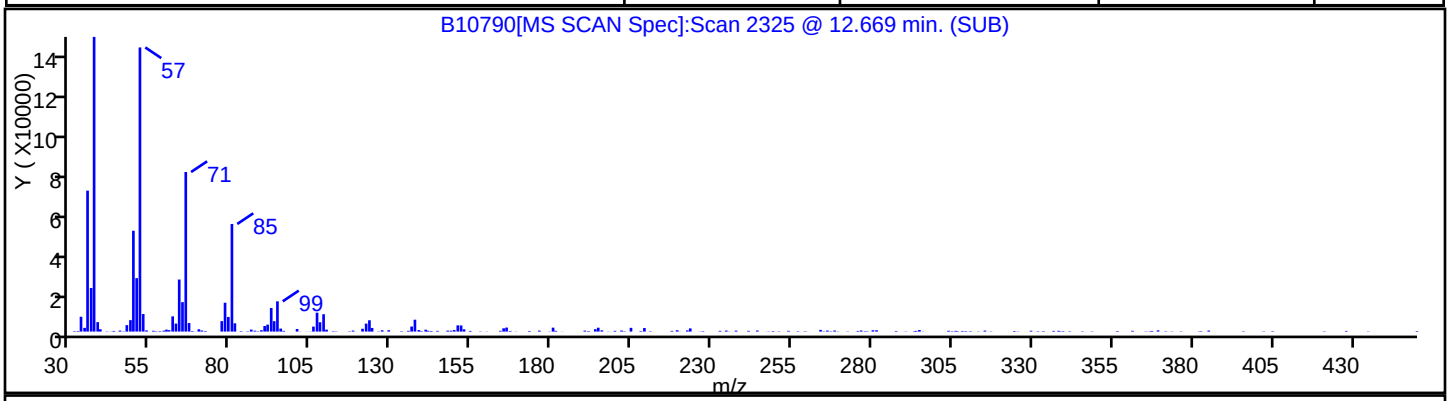
Lims Batch ID: 49983 Lims Sample ID: 26

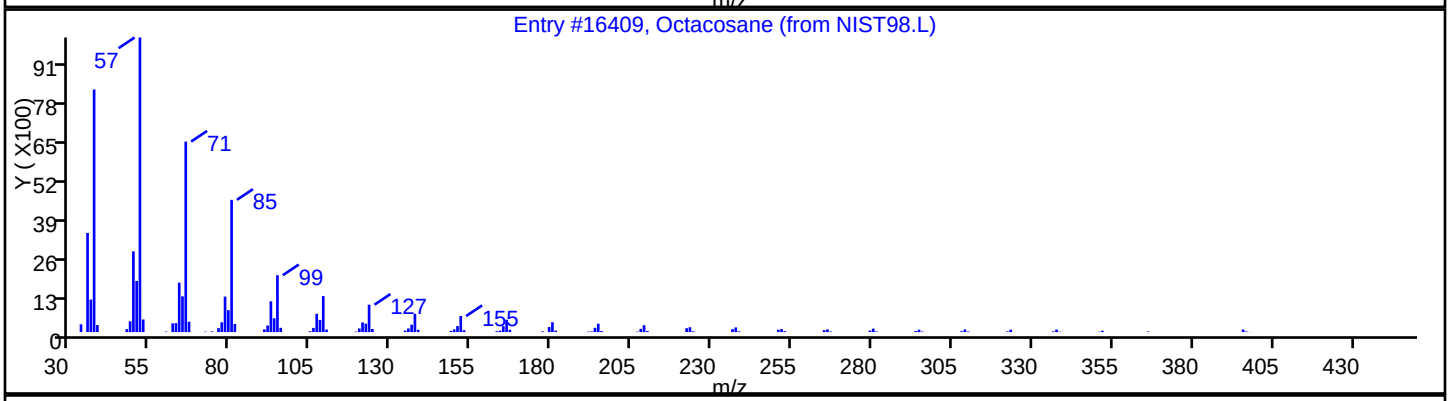
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

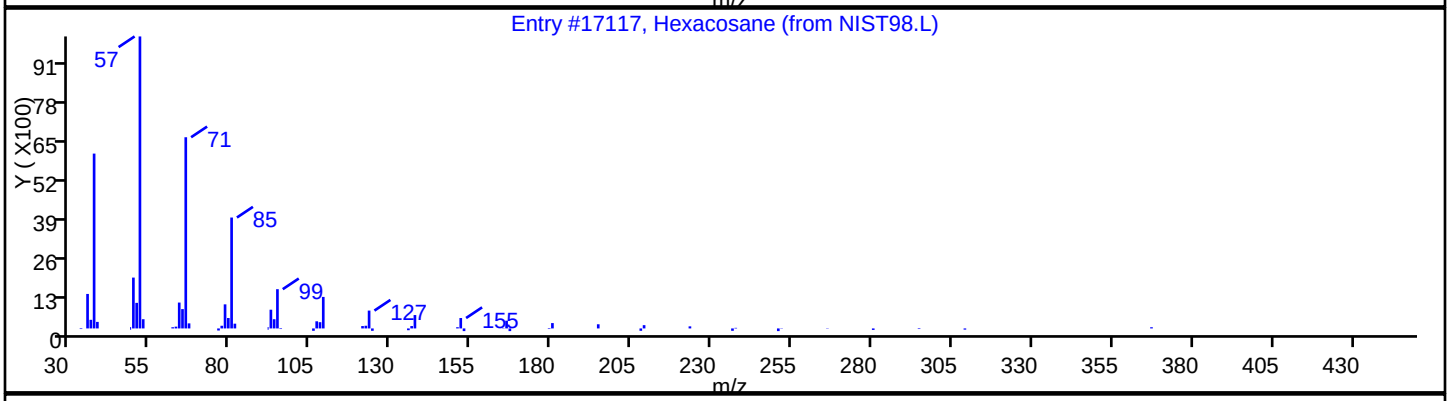
Sample Info: 360-24665-A-18-C

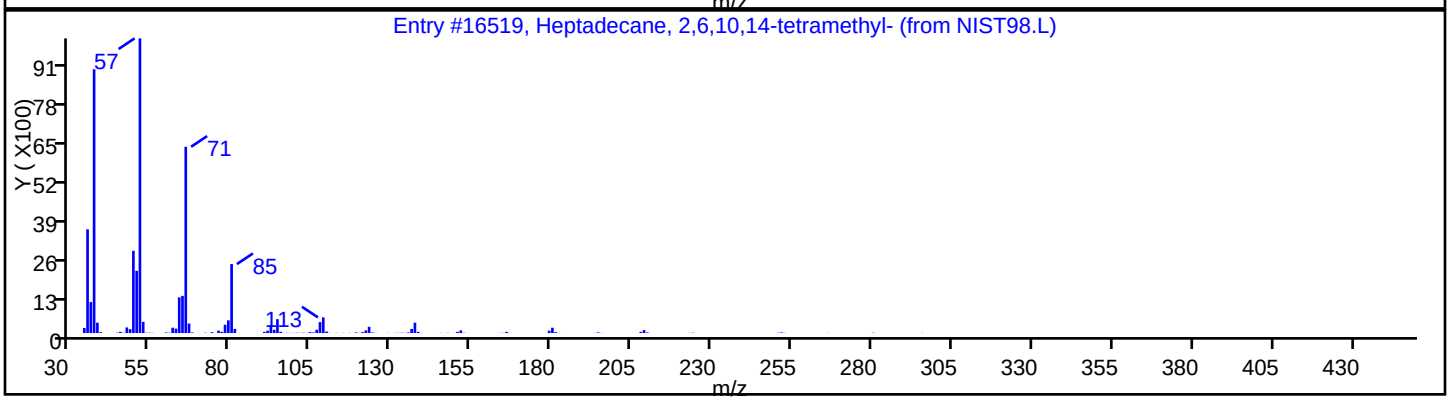
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octacosane	630-2-4	NIST98.L	16409	96
Hexacosane	630-1-3	NIST98.L	17117	95
Heptadecane, 2,6,10,14-tetramethyl-	18344-37-1	NIST98.L	16519	93









Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

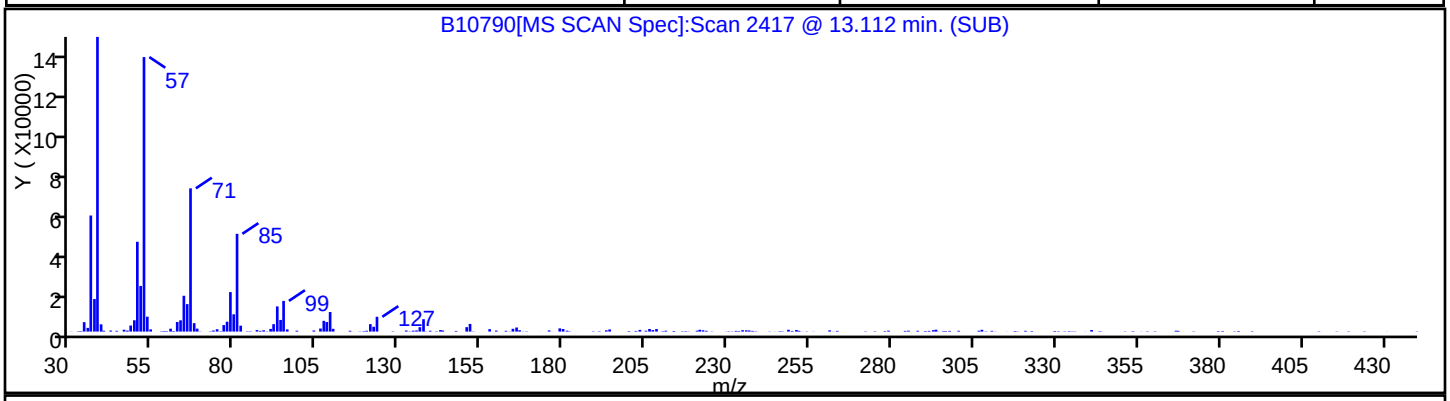
Lims Batch ID: 49983 Lims Sample ID: 26

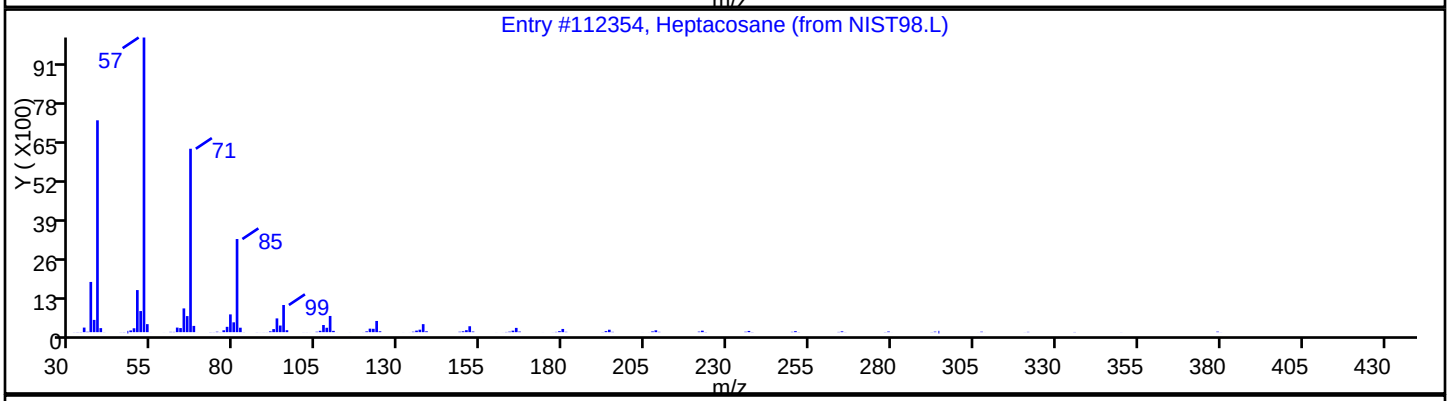
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

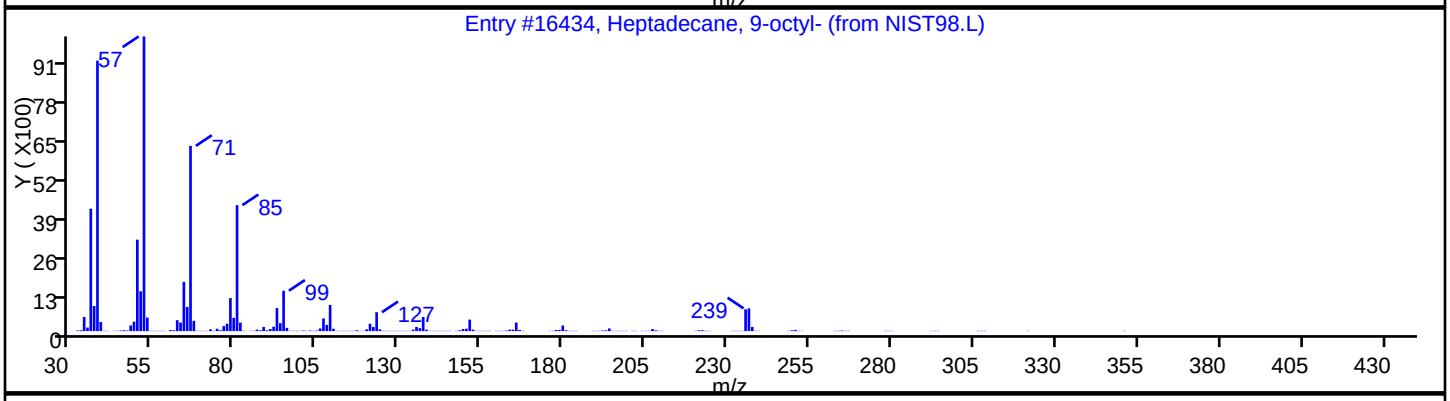
Sample Info: 360-24665-A-18-C

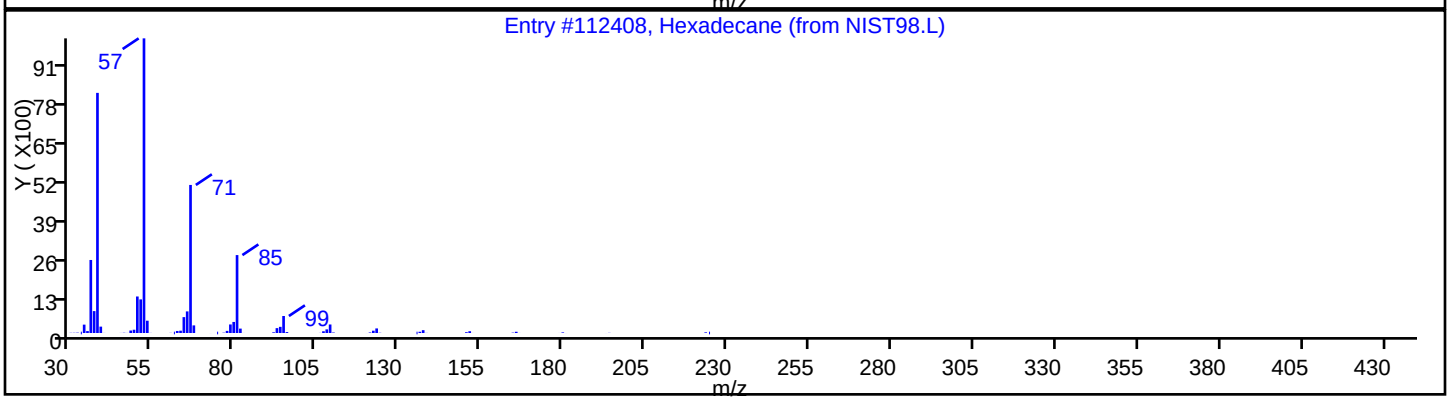
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Heptacosane	593-49-7	NIST98.L	112354	95
Heptadecane, 9-octyl-	7225-64-1	NIST98.L	16434	95
Hexadecane	544-76-3	NIST98.L	112408	94









Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

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Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

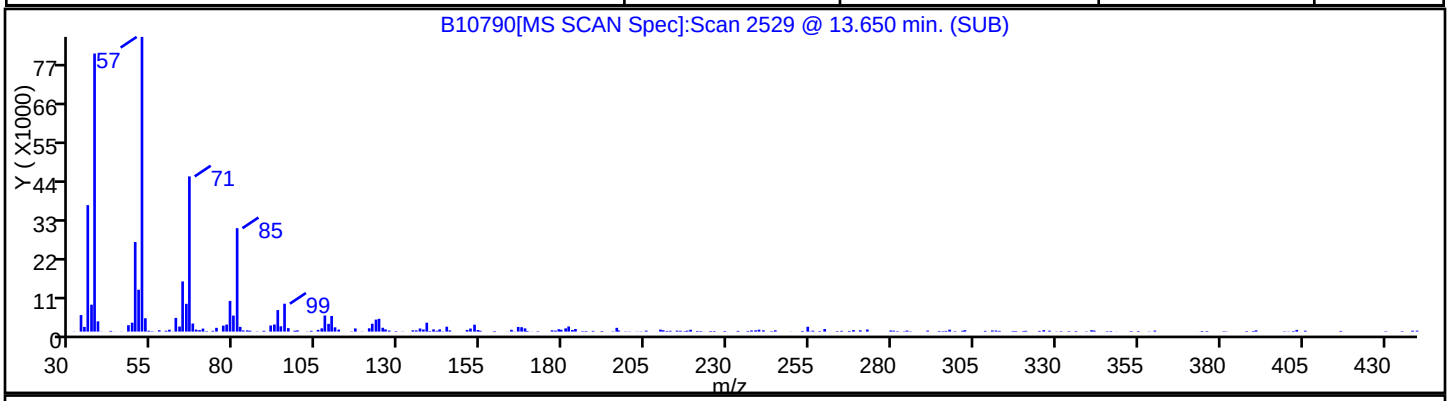
Lims Batch ID: 49983 Lims Sample ID: 26

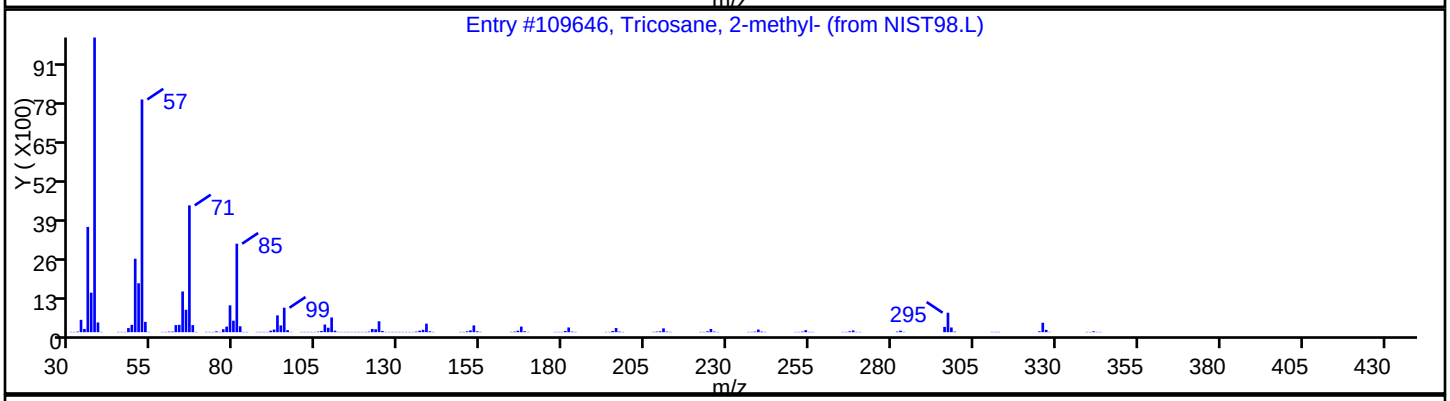
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

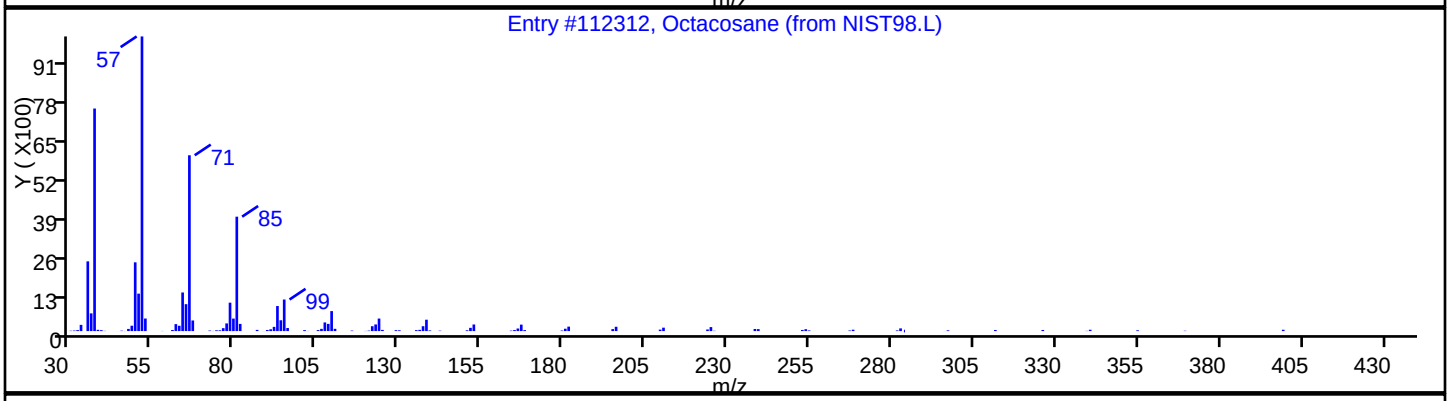
Sample Info: 360-24665-A-18-C

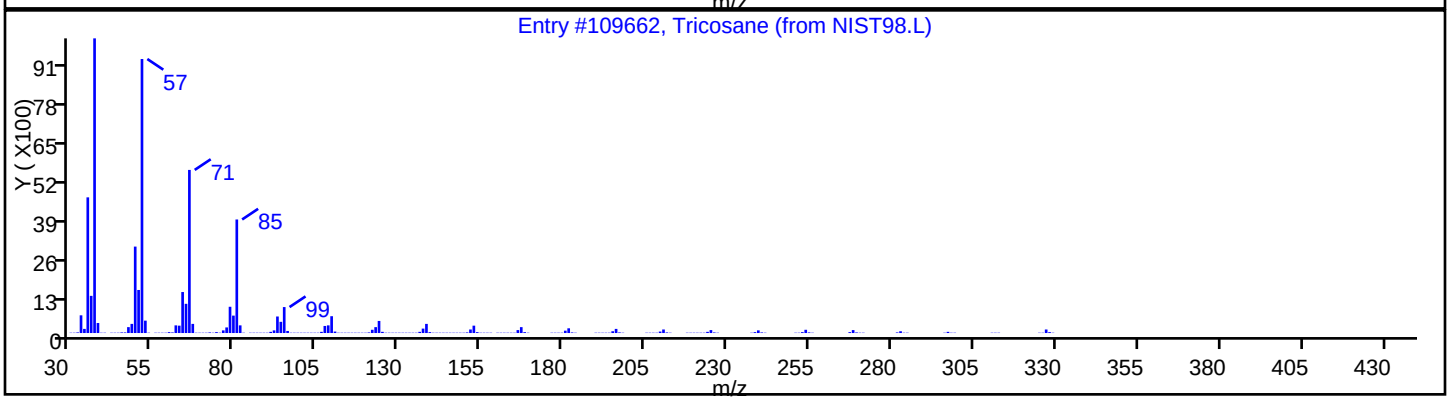
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Tricosane, 2-methyl-	1928-30-9	NIST98.L	109646	93
Octacosane	630-2-4	NIST98.L	112312	87
Tricosane	638-67-5	NIST98.L	109662	87









Report Date: 07-Oct-2009 16:04:55 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10790.D

Inj Date: 07-Oct-2009 04:23:30 Limit Group: SMS - 8270LL SVOA Calibration

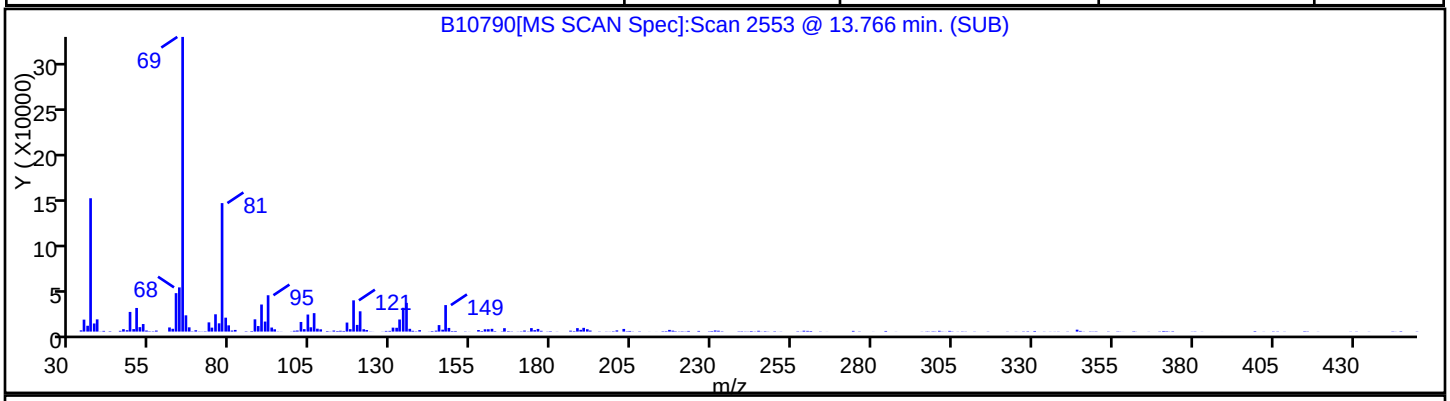
Lims Batch ID: 49983 Lims Sample ID: 26

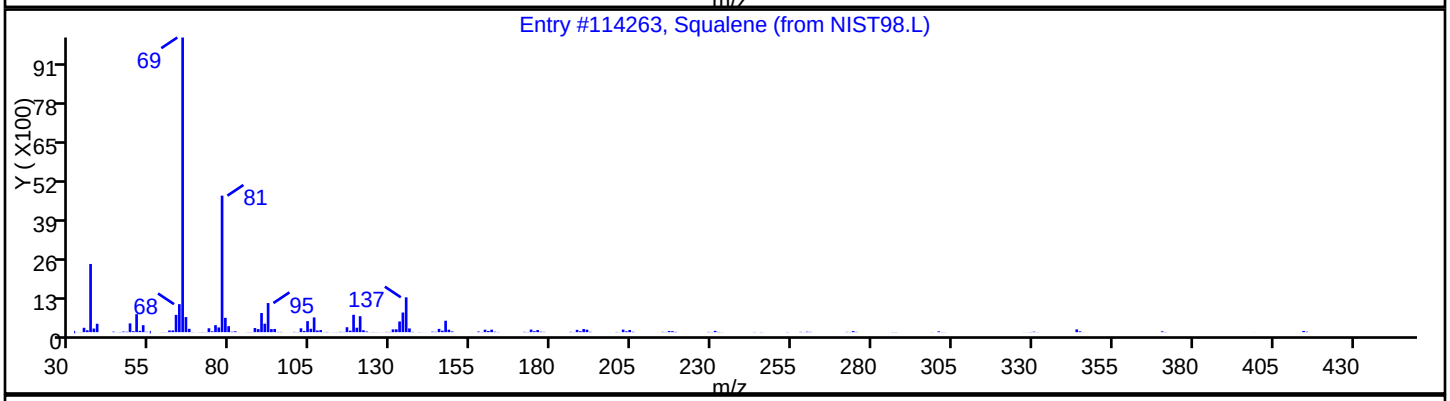
Client ID: OC-SB-413-10/12-XXX Instrument: Inst. B

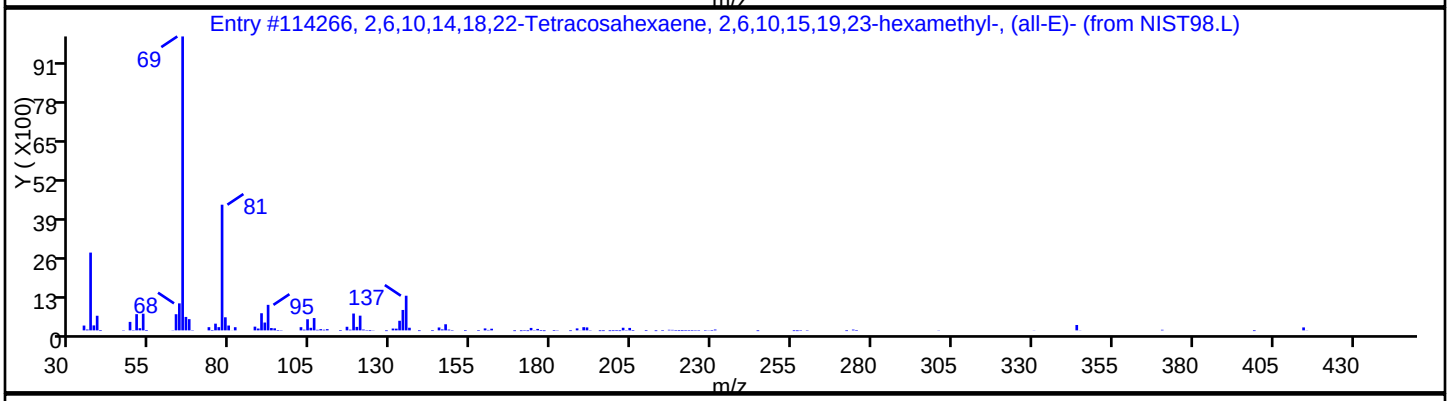
Sample Info: 360-24665-A-18-C

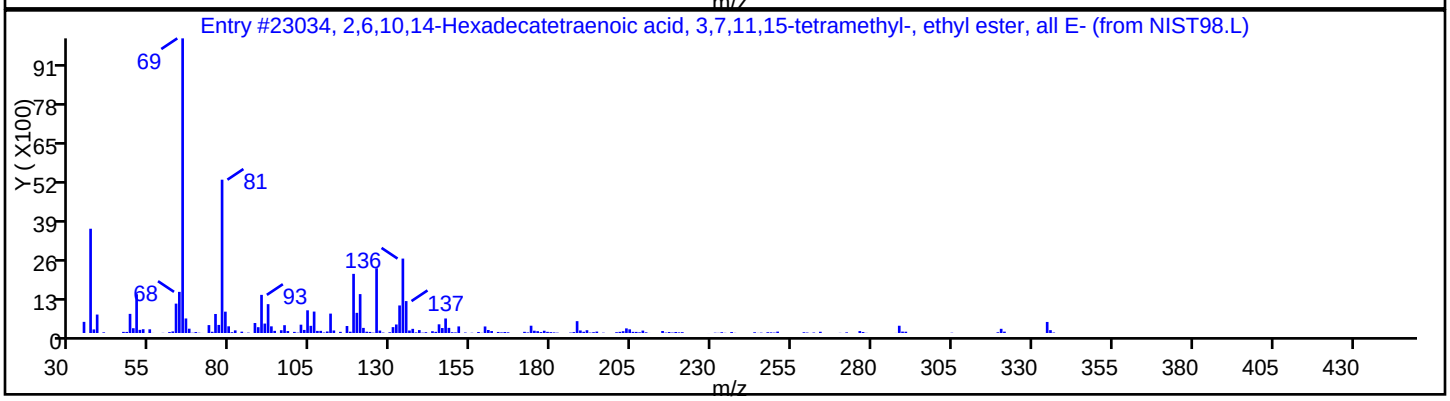
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Squalene	7683-64-9	NIST98.L	114263	87
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-2-4	NIST98.L	114266	78
2,6,10,14-Hexadecatetraenoic acid, 3,7,1	24035-35-6	NIST98.L	23034	78









FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 360-49705/3	B10658.D
Level 2	STD025 360-49705/4	B10659.D
Level 3	STD05 360-49705/5	B10660.D
Level 4	STD1 360-49705/6	B10661.D
Level 5	STD25 360-49705/7	B10662.D
Level 6	STD5 360-49705/2	B10657.D
Level 7	STD8 360-49705/8	B10663.D
Level 8	STD10 360-49705/9	B10664.D
Level 9	STD20 360-49705/10	B10665.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.3525 0.1577	0.2764 0.1476	0.2174 0.1981	0.2228 0.2092	0.1735	Qua	0.0358	0.1410	0.0034						0.9940		0.9900
Pyridine	+++++ 0.4248	0.2980 0.4009	0.3626 0.5387	0.4579 0.5611	0.4450	Qua	-0.026	0.4093	0.0078						0.9940		0.9900
N-Nitrosodimethylamine	0.3988 0.3724	0.4227 0.3560	0.4046 0.4762	0.4253 0.4883	0.3989	Ave		0.4159				10.0		15.0			
Benzoic acid	+++++ 0.0973	+++++ 0.1670	0.0273 0.1753	0.0425 0.1734	0.0653	Lin	-0.198	0.1841							0.9900		0.9900
Benzaldehyde	0.3813 0.3071	0.3325 0.2744	0.3390 0.3599	0.3399 0.2923	0.3342	Ave		0.3290				10.0		15.0			
Phenol	0.7368 0.6620	0.6996 0.6132	0.6654 0.8418	0.7212 +++++	0.7052	Ave		0.7056				9.6		15.0			
Aniline	0.8062 0.7256	0.7452 0.6854	0.8198 0.9432	0.8086 1.0961	0.7726	Ave		0.8225				15.0		15.0			
Bis(2-chloroethyl)ether	0.5484 0.4520	0.5117 0.4205	0.5300 0.5631	0.5038 0.6529	0.4917	Ave		0.5193				13.0		15.0			
2-Chlorophenol	0.6075 0.5284	0.5879 0.4897	0.6080 0.6489	0.6049 0.7483	0.5740	Ave		0.5997				12.0		15.0			
1,4-Dichlorobenzene	0.8157 0.6172	0.7475 0.5786	0.7448 0.7782	0.7009 0.8928	0.6800	Ave		0.7284				13.0		15.0			
1,3-Dichlorobenzene	0.8115 0.6534	0.7872 0.6022	0.7746 0.8163	0.7322 0.9290	0.7148	Ave		0.7579				13.0		15.0			
Benzyl alcohol	0.3379 0.4701	0.4210 0.4473	0.4434 0.6136	0.4786 0.7198	0.4779	Qua	0.0168	0.3901	0.0165						0.9960		0.9900
1,2-Dichlorobenzene	0.7604 0.5929	0.7107 0.5578	0.7243 0.7521	0.6881 0.8667	0.6456	Ave		0.6998				13.0		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	0.5282 0.4674	0.5368 0.4301	0.5383 0.5894	0.5099 0.6783	0.5044	Ave		0.5314				13.0		15.0			
2,2'-oxybis[1-chloropropane]	1.1650 0.8593	1.0055 0.7775	1.0155 1.0497	0.9742 1.1661	0.9298	Ave		0.9936				13.0		15.0			
Acetophenone	0.7713 0.7560	0.7374 0.7361	0.7787 0.9988	0.7811 +++++	0.8033	Ave		0.7953				11.0		15.0			
3 & 4 Methylphenol	0.4955 0.5253	0.5223 0.5280	0.5437 0.7309	0.5505 +++++	0.5529	Ave		0.5561				13.0		15.0			
N-Nitrosodi-n-propylamine	0.3920 0.3994	0.3613 0.3978	0.4019 0.5425	0.3985 +++++	0.4091	Ave		0.4128			0.0500	13.0		15.0			
Hexachloroethane	0.2784 0.2459	0.2433 0.2380	0.2704 0.3222	0.2771 0.3691	0.2661	Ave		0.2789				15.0		15.0			
Nitrobenzene	0.2764 0.2957	0.2546 0.3029	0.2878 0.3116	0.2801 0.2981	0.2893	Ave		0.2885				5.8		15.0			
2,4-Dinitrophenol	+++++ 0.0934	+++++ 0.1382	0.0354 0.1526	0.0647 0.1427	0.0796	Lin	-0.119	0.1504			0.0500				0.9910		0.9900
Isophorone	0.3670 0.4918	0.3839 0.4955	0.4088 0.5074	0.4487 0.4784	0.4738	Ave		0.4506				11.0		15.0			
2-Nitrophenol	0.1086 0.1389	0.1013 0.1458	0.1170 0.1528	0.1291 0.1464	0.1356	Ave		0.1306				14.0		15.0			
2,4-Dimethylphenol	0.2088 0.2489	0.2204 0.2310	0.2255 0.2471	0.2459 0.2542	0.2456	Ave		0.2364				6.6		15.0			
Bis(2-chloroethoxy)methane	0.2825 0.2722	0.2444 0.2773	0.2574 0.2893	0.2534 0.2802	0.2674	Ave		0.2694				5.5		15.0			
2,4-Dichlorophenol	0.1712 0.2163	0.1875 0.2198	0.1840 0.2271	0.2007 0.2224	0.2127	Ave		0.2046				9.6		15.0			
1,2,4-Trichlorobenzene	0.2253 0.2444	0.2397 0.2451	0.2358 0.2538	0.2379 0.2507	0.2383	Ave		0.2412				3.5		15.0			
Naphthalene	0.8045 0.8019	0.7748 0.7921	0.7677 0.7812	0.7726 0.6695	0.7811	Ave		0.7717				5.2		15.0			
Alpha-Terpineol	0.1855 0.2548	0.2072 0.2729	0.2111 0.2773	0.2216 0.2626	0.2433	Ave		0.2374				14.0		15.0			
4-Chloroaniline	0.2773 0.3169	0.2702 0.3273	0.2721 0.3440	0.2885 0.3359	0.3080	Ave		0.3045				9.3		15.0			
Hexachlorobutadiene	0.1071 0.1296	0.1335 0.1341	0.1202 0.1432	0.1250 0.1404	0.1242	Ave		0.1286				8.6		15.0			
Pentachlorophenol	+++++ 0.0744	+++++ 0.0960	0.0300 0.1002	0.0532 0.1009	0.0674	Lin1	-0.047	0.1005							0.9930		0.9900
Caprolactam	0.0926 0.1165	0.0760 0.1203	0.0831 0.1225	0.1048 0.1120	0.1154	Lin1	-0.006	0.1167							0.9980		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.1729 0.2321	0.1663 0.2429	0.2041 0.2525	0.2126 0.2437	0.2210	Ave		0.2165				14.0		15.0			
4-Nitrophenol	+++++ 0.1826	0.1023 0.2063	0.1277 0.2156	0.1546 0.2014	0.1666	Lin2	-0.026	0.1956			0.0500				0.9910		0.9900
2-Methylnaphthalene	0.5624 0.5101	0.5310 0.5297	0.5215 0.5456	0.5080 0.5049	0.5231	Ave		0.5262				3.6		15.0			
1-Methylnaphthalene	0.5183 0.5006	0.4917 0.5203	0.4977 0.5246	0.5007 0.4946	0.5004	Ave		0.5054				2.4		15.0			
Hexachlorocyclopentadiene	0.1275 0.1942	0.1569 0.2410	0.1520 0.2486	0.1916 0.2386	0.1949	Lin1	-0.021	0.2355			0.0500				0.9940		0.9900
1,2,4,5-Tetrachlorobenzene	0.2140 0.2002	0.1936 0.2147	0.2025 0.2227	0.2001 0.2237	0.2002	Ave		0.2080				5.3		15.0			
2,4,6-Trichlorophenol	0.2460 0.2941	0.2250 0.3073	0.2452 0.3134	0.2568 0.3106	0.2861	Ave		0.2760				12.0		15.0			
2,4,5-Trichlorophenol	0.2282 0.3177	0.2341 0.3253	0.2505 0.3281	0.2844 0.3290	0.3069	Ave		0.2894				14.0		15.0			
4,6-Dinitro-2-methylphenol	+++++ 0.0878	0.0384 0.1074	0.0467 0.1120	0.0718 0.1047	0.0755	Lin1	-0.026	0.1061							0.9930		0.9900
1,1'-Biphenyl	1.3660 1.2726	1.2029 1.2736	1.2320 1.2859	1.2240 1.1470	1.2221	Ave		1.2474				4.9		15.0			
2-Chloronaphthalene	1.1493 1.2398	1.1061 1.2467	1.1803 1.2519	1.1195 1.2294	1.1681	Ave		1.1879				4.7		15.0			
Phenyl ether	0.3038 0.3152	0.3108 0.3287	0.3112 0.3409	0.3093 0.3306	0.3217	Ave		0.3191				3.8		15.0			
4-Nitroaniline	0.2266 0.3593	0.2169 0.3717	0.2630 0.3811	0.3240 0.3679	0.3438	Lin1	-0.027	0.3712							0.9990		0.9900
Dimethyl phthalate	1.0781 1.1484	1.1375 1.1635	1.0490 1.1771	1.0727 1.0947	1.1044	Ave		1.1139				4.0		15.0			
2,6-Dinitrotoluene	0.1736 0.2644	0.2115 0.2692	0.2335 0.2753	0.2557 0.2695	0.2650	Ave		0.2464				14.0		15.0			
Acenaphthylene	1.4152 1.6019	1.4356 1.5866	1.4685 1.5786	1.5157 1.3996	1.5844	Ave		1.5096				5.4		15.0			
3-Nitroaniline	0.1746 0.2677	0.2096 0.2774	0.2185 0.2855	0.2541 0.2717	0.2762	Ave		0.2484				15.0		15.0			
Acenaphthene	1.0317 1.0416	0.9594 1.0839	1.0197 1.1081	1.0267 1.0271	1.0092	Ave		1.0342				4.1		15.0			
2,4-Dinitrotoluene	0.1945 0.3343	0.2360 0.3659	0.2588 0.3735	0.3123 0.3632	0.3211	Lin2	-0.017	0.3406							0.9910		0.9900
Dibenzofuran	1.4047 1.3529	1.3200 1.3950	1.3100 1.3933	1.3385 1.2621	1.3486	Ave		1.3472				3.4		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.1418 0.2176	0.1531 0.2385	0.1691 0.2432	0.2018 0.2492	0.2185	Lin1	-0.019	0.2423							0.9980		0.9900
Diethyl phthalate	1.3654 1.1804	1.1056 1.2368	1.1384 1.2508	1.1245 1.1531	1.1632	Ave		1.1909				6.8		15.0			
4-Chlorophenyl phenyl ether	0.5083 0.5090	0.4716 0.5450	0.4882 0.5722	0.4869 0.5802	0.5059	Ave		0.5186				7.4		15.0			
Fluorene	1.1221 1.1652	1.0574 1.2525	1.0839 1.2662	1.1209 1.1830	1.1428	Ave		1.1549				6.1		15.0			
2-Nitroaniline	0.2270 0.3203	0.2446 0.3246	0.2916 0.3363	0.3260 0.3207	0.3443	Ave		0.3039				14.0		15.0			
Diphenylamine	0.5282 0.6048	0.5389 0.5946	0.5174 0.6040	0.5628 0.5642	0.5597	Ave		0.5638				5.7		15.0			
N-Nitrosodiphenylamine	0.5282 0.6048	0.5389 0.5946	0.5174 0.6040	0.5628 0.5642	0.5597	Ave		0.5638				5.7		15.0			
1,2-Diphenylhydrazine	0.9769 1.2267	1.0021 1.2116	1.0275 1.2103	1.1223 1.0925	1.1432	Ave		1.1126				8.5		15.0			
Azobenzene	0.9769 1.2267	1.0021 1.2116	1.0275 1.2103	1.1223 1.0874	1.1432	Ave		1.1120				8.5		15.0			
Benzophenone	0.5359 0.6813	0.5608 0.6926	0.5829 0.7030	0.6174 0.6618	0.6327	Ave		0.6298				9.5		15.0			
4-Bromophenyl phenyl ether	0.1613 0.1609	0.1463 0.1654	0.1492 0.1746	0.1476 0.1774	0.1530	Ave		0.1595				7.2		15.0			
Hexachlorobenzene	0.1525 0.1462	0.1249 0.1532	0.1357 0.1591	0.1413 0.1660	0.1447	Ave		0.1471				8.4		15.0			
Atrazine	0.0965 0.1675	0.1362 0.1690	0.1513 0.1666	0.1583 0.1450	0.1596	Ave		0.1500				15.0		15.0			
Benzidine	+++++ 0.1472	0.0388 0.2146	0.0718 0.2027	0.1071 0.1941	0.1437	Lin	-0.080	0.2014							0.9930		0.9900
Pentachloronitrobenzene	0.0554 0.0808	0.0504 0.0890	0.0596 0.0899	0.0740 0.0898	0.0735	Lin1	-0.007	0.0884							0.9970		0.9900
Phenanthrene	0.9464 0.9218	0.8837 0.9208	0.8693 0.8933	0.8838 0.7951	0.8780	Ave		0.8880				4.8		15.0			
Anthracene	0.7573 0.9129	0.7656 0.9164	0.8050 0.8932	0.8581 0.7850	0.8710	Ave		0.8405				7.5		15.0			
Carbazole	0.7278 0.7382	0.7353 0.7575	0.7593 0.7553	0.7858 0.6726	0.7696	Ave		0.7446				4.4		15.0			
Di-n-butyl phthalate	1.1295 1.1368	0.9897 1.1084	0.9837 1.0585	1.0792 0.8840	1.0830	Ave		1.0503				7.9		15.0			
Fluoranthene	0.8076 0.8542	0.7732 0.8992	0.7745 0.8823	0.8090 0.7819	0.8381	Ave		0.8245				5.7		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Pyrene	1.1132 1.0951	1.0619 0.9577	1.1143 0.9628	1.0300 0.8187	1.0787	Ave		1.0258				9.5		15.0			
Butyl benzyl phthalate	0.3886 0.5790	0.3899 0.5295	0.4452 0.5303	0.4982 0.5053	0.5423	Ave		0.4898				14.0		15.0			
3,3'-Dichlorobenzidine	0.1130 0.2054	0.1395 0.2118	0.1793 0.2059	0.2207 0.1972	0.2183	Lin2	-0.011	0.2089							0.9940		0.9900
Benzo[a]anthracene	0.8142 0.8112	0.7010 0.8131	0.7546 0.8314	0.7884 0.7814	0.7988	Ave		0.7882				5.0		15.0			
Bis(2-ethylhexyl) phthalate	1.1951 0.9594	0.9882 0.9106	0.8957 0.9079	1.0063 0.7860	0.9596	Ave		0.9565				12.0		15.0			
Chrysene	0.8400 0.7378	0.7525 0.7126	0.7535 0.7107	0.7605 0.6587	0.7540	Ave		0.7423				6.6		15.0			
Di-n-octyl phthalate	0.6438 1.5544	0.5509 1.7240	0.7740 1.8787	1.0634 1.9070	1.3903	Lin1	-0.273	1.8178							0.9900		0.9900
Benzo[b]fluoranthene	0.4356 0.9539	0.8035 1.0218	0.8517 1.0615	0.8957 1.0525	0.9349	Lin2	-0.057	1.0034							0.9980		0.9900
Benzo[k]fluoranthene	0.7280 0.9009	0.7084 0.9578	0.7724 1.0153	0.8394 0.9952	0.8889	Ave		0.8674				13.0		15.0			
Benzo[a]pyrene	0.5687 0.7723	0.5281 0.8413	0.5958 0.8574	0.6839 0.8411	0.7489	Lin1	-0.061	0.8358							0.9980		0.9900
Indeno[1,2,3-cd]pyrene	0.6132 0.6922	0.4920 0.6859	0.5233 0.6180	0.5979 0.6144	0.6652	Ave		0.6113				11.0		15.0			
Dibenz(a,h)anthracene	0.4836 0.5390	0.3750 0.5567	0.4159 0.5028	0.4526 0.5179	0.5144	Ave		0.4842				12.0		15.0			
Benzo[g,h,i]perylene	0.5851 0.6001	0.5029 0.5570	0.5184 0.4833	0.5494 0.4809	0.5801	Ave		0.5397				8.3		15.0			
2-Fluorophenol	0.5140 0.4391	0.4726 0.4279	0.4768 0.5545	0.4993 0.5800	0.4774	Ave		0.4935				10.0		15.0			
Phenol-d5	0.6789 0.5987	0.6052 0.5458	0.6592 0.7413	0.6379 0.8508	0.6206	Ave		0.6598				14.0		15.0			
Nitrobenzene-d5	0.2869 0.3059	0.2477 0.3039	0.2651 0.3149	0.2814 0.2988	0.2991	Ave		0.2893				7.5		15.0			
2-Fluorobiphenyl	1.2387 1.1984	1.1287 1.2079	1.1221 1.2217	1.1376 1.1117	1.1758	Ave		1.1714				4.1		15.0			
2,4,6-Tribromophenol	0.0550 0.0637	0.0461 0.0687	0.0460 0.0728	0.0498 0.0766	0.0580	Lin1	-0.006	0.0722							0.9930		0.9900
Terphenyl-d14	0.6364 0.6271	0.5862 0.5910	0.6267 0.6101	0.5878 0.5742	0.6247	Ave		0.6071				3.7		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
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 360-49705/3	B10658.D
Level 2	STD025 360-49705/4	B10659.D
Level 3	STD05 360-49705/5	B10660.D
Level 4	STD1 360-49705/6	B10661.D
Level 5	STD25 360-49705/7	B10662.D
Level 6	STD5 360-49705/2	B10657.D
Level 7	STD8 360-49705/8	B10663.D
Level 8	STD10 360-49705/9	B10664.D
Level 9	STD20 360-49705/10	B10665.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Qua	6597 172896	12611 417526	19191 517881	55552 679529	85962	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Pyridine	DCB	Qua	+++++ 465726	13597 1134184	32010 1408455	114201 1822459	220507	+++++ 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
N-Nitrosodimethylamine	DCB	Ave	7464 408233	19288 1007121	35713 1245001	106071 1586054	197660	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzoic acid	NPT	Lin	+++++ 211845	+++++ 873363	5875 1107376	24566 1631747	70946	+++++ 5.00	+++++ 8.00	0.500 10.0	1.00 20.0	2.50
Benzaldehyde	DCB	Ave	7136 336713	15173 776205	29924 940895	84764 949571	165624	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Phenol	DCB	Ave	13790 725684	31920 1734662	58737 2200900	179850 +++++	349478	0.100 5.00	0.250 8.00	0.500 10.0	1.00 +++++	2.50
Aniline	DCB	Ave	15089 795477	34004 1938968	72371 2466060	201640 3560411	382853	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Bis(2-chloroethyl)ether	DCB	Ave	10264 495546	23348 1189678	46783 1472146	125641 2120702	243687	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Chlorophenol	DCB	Ave	11370 579254	26824 1385468	53667 1696409	150850 2430754	284445	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,4-Dichlorobenzene	DCB	Ave	15268 676577	34105 1636833	65746 2034663	174785 2900034	336959	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,3-Dichlorobenzene	DCB	Ave	15189 716290	35917 1703551	68377 2134055	182585 3017682	354222	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzyl alcohol	DCB	Qua	6325 515374	19208 1265321	39145 1604285	119343 2338107	236813	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,2-Dichlorobenzene	DCB	Ave	14232 649996	32426 1577916	63934 1966416	171594 2815267	319942	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Methylphenol	DCB	Ave	9886 512356	24491 1216671	47516 1540874	127160 2203274	249943	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCB	Ave	21805 942024	45881 2199425	89644 2744346	242948 3787744	460778	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Acetophenone	DCB	Ave	14437 828840	33645 2082525	68737 2611355	194791 +++++	398070	0.100 5.00	0.250 8.00	0.500 10.0	1.00 +++++	2.50
3 & 4 Methylphenol	DCB	Ave	9275 575876	23830 1493643	47993 1910935	137286 +++++	273999	0.100 5.00	0.250 8.00	0.500 10.0	1.00 +++++	2.50
N-Nitrosodi-n-propylamine	DCB	Ave	7337 437857	16486 1125350	35479 1418371	99389 +++++	202747	0.100 5.00	0.250 8.00	0.500 10.0	1.00 +++++	2.50
Hexachloroethane	DCB	Ave	5211 269552	11103 673225	23866 842287	69105 1198904	131874	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Nitrobenzene	NPT	Ave	12747 643907	28025 1584064	61885 1968517	161947 2805208	314162	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4-Dinitrophenol	ANT	Lin	+++++ 93717	+++++ 345432	3668 461977	18133 641315	41689	+++++ 5.00	+++++ 8.00	0.500 10.0	1.00 20.0	2.50
Isophorone	NPT	Ave	16927 1070943	42253 2591325	87917 3205712	259456 4501588	514637	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Nitrophenol	NPT	Ave	5011 302396	11146 762334	25169 965149	74669 1377150	147319	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4-Dimethylphenol	NPT	Ave	9630 542036	24257 1208147	48493 1561165	142149 2391619	266703	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Bis(2-chloroethoxy)methane	NPT	Ave	13030 592867	26899 1449902	55366 1827930	146527 2636207	290453	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4-Dichlorophenol	NPT	Ave	7895 470967	20636 1149633	39573 1434756	116023 2092304	230986	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,2,4-Trichlorobenzene	NPT	Ave	10391 532319	26382 1281488	50706 1603694	137576 2358640	258866	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Naphthalene	NPT	Ave	37107 1746440	85272 4142231	165097 4935491	446727 6299170	848369	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Alpha-Terpineol	NPT	Ave	8557 554807	22801 1426960	45404 1752140	128144 2470703	264267	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Chloroaniline	NPT	Ave	12789 690117	29738 1711615	58519 2173536	166780 3160810	334563	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Hexachlorobutadiene	NPT	Ave	4940 282323	14694 701222	25858 905024	72294 1321360	134929	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Pentachlorophenol	PHN	Lin1	+++++ 119851	+++++ 410402	5284 520623	25244 787600	60937	+++++ 5.00	+++++ 8.00	0.500 10.0	1.00 20.0	2.50
Caprolactam	NPT	Lin1	4270 253786	8366 629263	17861 774190	60589 1053657	125366	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Chloro-3-methylphenol	NPT	Ave	7975 505507	18300 1270333	43902 1595044	122930 2293024	239980	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Nitrophenol	ANT	Lin2	+++++ 183267	5505 515679	13223 652465	43343 905015	87267	+++++ 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	25938 1110956	58439 2769832	112153 3447302	293697 4750878	568097	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1-Methylnaphthalene	NPT	Ave	23906 1090300	54113 2721078	107028 3314280	289503 4654170	543456	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Hexachlorocyclopentadiene	ANT	Lin1	2754 194857	8437 602660	15736 752360	53723 1071884	102092	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,2,4,5-Tetrachlorobenzene	NPT	Ave	9872 436097	21311 1122985	43545 1406997	115718 2104582	217439	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4,6-Trichlorophenol	ANT	Ave	5313 295120	12103 768262	25390 948731	72005 1395389	149851	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4,5-Trichlorophenol	ANT	Ave	4928 318820	12594 813352	25938 993207	79765 1478449	160763	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4,6-Dinitro-2-methylphenol	PHN	Lin1	+++++ 141369	3487 458940	8208 582005	34041 817698	68289	+++++ 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,1'-Biphenyl	ANT	Ave	29505 1277108	64701 3184358	127571 3892194	343246 5153589	640196	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Chloronaphthalene	ANT	Ave	24825 1244206	59493 3117069	122216 3789087	313947 5523747	611896	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Phenyl ether	NPT	Ave	14012 686525	34207 1718689	66930 2153611	178811 3111101	349355	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Nitroaniline	ANT	Lin1	4894 360549	11668 929387	27236 1153438	90862 1653172	180084	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Dimethyl phthalate	ANT	Ave	23286 1152461	61180 2909088	108617 3562690	300811 4918753	578514	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,6-Dinitrotoluene	ANT	Ave	3749 265378	11374 673123	24178 833302	71716 1211047	138821	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Acenaphthylene	ANT	Ave	30568 1607590	77216 3966807	152064 4778170	425049 6288394	829955	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
3-Nitroaniline	ANT	Ave	3772 268638	11273 693541	22624 864081	71256 1220745	144671	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Acenaphthene	ANT	Ave	22283 1045342	51600 2710033	105583 3354127	287934 4614680	528657	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4-Dinitrotoluene	ANT	Lin2	4202 335454	12691 914934	26802 1130436	87586 1632003	168226	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Dibenzofuran	ANT	Ave	30340 1357720	70996 3487848	135648 4217351	375366 5670834	706468	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,3,4,6-Tetrachlorophenol	ANT	Lin1	3063 218389	8233 596364	17511 736248	56593 1119696	114474	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Diethyl phthalate	ANT	Ave	29492 1184603	59466 3092312	117879 3785968	315358 5181128	609317	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Chlorophenyl phenyl ether	ANT	Ave	10978 510865	25368 1362697	50549 1731895	136530 2606836	264998	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Fluorene	ANT	Ave	24236 1169381	56871 3131476	112233 3832365	314343 5315141	598621	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Nitroaniline	ANT	Ave	4904 321479	13156 811507	30198 1018005	91428 1440951	180349	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Diphenylamine	PHN	Ave	19626 974291	48906 2541124	91007 3139394	266984 4404313	506097	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
N-Nitrosodiphenylamine	PHN	Ave	19626 974291	48906 2541124	91007 3139394	266984 4404313	506097	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
1,2-Diphenylhydrazine	PHN	Ave	36297 1976022	90936 5178046	180740 6290442	532423 8528672	1033684	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Azobenzene	PHN	Ave	36297 1976022	90936 5178046	180740 6290442	532423 8489258	1033684	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzophenone	PHN	Ave	19913 1097424	50896 2960187	102534 3653586	292886 5166800	572057	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
4-Bromophenyl phenyl ether	PHN	Ave	5995 259258	13281 706864	26253 907466	70021 1384593	138329	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Hexachlorobenzene	PHN	Ave	5668 235579	11336 654951	23870 827038	67014 1295686	130789	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Atrazine	PHN	Ave	3584 269880	12359 722119	26621 865780	75082 1131628	144276	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzidine	PHN	Lin	+++++ 237067	3517 917077	12631 1053435	50828 1515351	129943	+++++ 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Pentachloronitrobenzene	PHN	Lin1	2059 130137	4573 380466	10492 467085	35094 701266	66458	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Phenanthrene	PHN	Ave	35165 1484825	80193 3935233	152905 4642644	419272 6207018	793888	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Anthracene	PHN	Ave	28140 1470566	69478 3916496	141600 4642115	407088 6128067	787546	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Carbazole	PHN	Ave	27043 1189195	66731 3237429	133566 3925679	372784 5251175	695850	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Di-n-butyl phthalate	PHN	Ave	41970 1831129	89818 4736871	173036 5501187	511960 6901433	979212	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Fluoranthene	PHN	Ave	30007 1376052	70171 3842930	136243 4585745	383813 6104526	757771	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Pyrene	CRY	Ave	31883 1460907	76979 4020384	153880 4847803	415140 6406958	805110	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Butyl benzyl phthalate	CRY	Ave	11129 772453	28267 2222873	61480 2670255	200803 3954485	404763	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
3,3'-Dichlorobenzidine	CRY	Lin2	3236 274055	10109 889107	24765 1036581	88934 1543429	162956	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzo[a]anthracene	CRY	Ave	23318 1082243	50818 3413113	104207 4186478	317745 6114923	596156	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49705

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2009 16:40 Calibration End Date: 10/01/2009 08:50 Calibration ID: 4851

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Bis(2-ethylhexyl) phthalate	CRY	Ave	34228 1279958	71638 3822670	123683 4571570	405566 6151199	716195	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Chrysene	CRY	Ave	24059 984275	54552 2991205	104048 3578604	306507 5154842	562748	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Di-n-octyl phthalate	PRY	Lin1	14000 1573207	30924 4646737	82544 5349790	349756 8148982	797489	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzo[b]fluoranthene	PRY	Lin2	9473 965481	45107 2753940	90831 3022570	294597 4497234	536238	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzo[k]fluoranthene	PRY	Ave	15832 911793	39766 2581594	82371 2891057	276097 4252377	509860	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzo[a]pyrene	PRY	Lin1	12368 781621	29646 2267615	63538 2441454	224946 3593918	429536	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Indeno[1,2,3-cd]pyrene	PRY	Ave	13335 700575	27617 1848737	55803 1759747	196643 2625238	381530	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Dibenz(a,h)anthracene	PRY	Ave	10518 545547	21053 1500520	44349 1431666	148877 2212845	295080	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Benzo[g,h,i]perylene	PRY	Ave	12724 607375	28231 1501329	55285 1376267	180689 2054937	332757	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Fluorophenol	DCB	Ave	9621 481376	21566 1210471	42090 1449633	124520 1883872	236589	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Phenol-d5	DCB	Ave	12707 656298	27612 1544030	58193 1938017	159072 2763421	307522	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Nitrobenzene-d5	NPT	Ave	13232 666121	27261 1589230	57009 1989746	162685 2811708	324891	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2-Fluorobiphenyl	ANT	Ave	26755 1202661	60710 3020023	116188 3697673	319031 4994875	615945	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
2,4,6-Tribromophenol	PHN	Lin1	2045 102594	4182 293565	8090 378220	23631 598141	52480	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50
Terphenyl-d14	CRY	Ave	18228 836673	42493 2480744	86544 3072093	236917 4493380	466220	0.100 5.00	0.250 8.00	0.500 10.0	1.00 20.0	2.50

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10657.D		
Lims ID:	std5	Client ID:	
Inject. Date:	30-Sep-2009 16:40:30	Dil. Factor:	1.0000
Sample Type:	ICIS, ICal ISTD Check	Calib Level:	6
Sample ID:	std5		
Misc. Info.:	360-0001341-002		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	2
Lims Batch ID:	49705	Lims Sample ID:	2
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	30-Sep-2009 18:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 13:10:04
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:22:54
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:07

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.780	6.780	0.000	438512	2.00	
* 2 Naphthalene-d8	136	7.920	7.920	0.000	871128	2.00	
* 3 Acenaphthene-d10	164	9.406	9.406	0.000	401428	2.00	
* 4 Phenanthrene-d10	188	10.642	10.642	0.000	644334	2.00	
* 5 Chrysene-d12	240	13.138	13.138	0.000	533638	2.00	
* 6 Perylene-d12	264	15.701	15.701	0.000	404836	2.00	
$ 7 2-Fluorophenol	112	5.395	5.395	0.000	481376	4.58	
$ 8 Phenol-d5	99	6.439	6.439	0.000	656298	4.73	
$ 9 Nitrobenzene-d5	82	7.290	7.290	0.000	666121	5.44	5
$ 10 2-Fluorobiphenyl	172	8.829	8.829	0.000	1202661	5.13	5
$ 11 2,4,6-Tribromophenol	330	10.060	10.060	0.000	102594	6.00	5
$ 12 Terphenyl-d14	244	11.959	11.959	0.000	836673	5.10	5
14 1,4-Dioxane	88	2.361	2.361	0.000	172896	4.92	
15 N-Nitrosodimethylamine	42	2.876	2.876	0.000	408233	4.61	
16 Pyridine	79	2.866	2.866	0.000	465726	4.72	
17 Benzaldehyde	105	6.362	6.362	0.000	336713	4.53	
18 Phenol	94	6.453	6.453	0.000	725684	4.74	
19 Aniline	93	6.473	6.473	0.000	795477	4.65	
20 Bis(2-chloroethyl)ether	93	6.540	6.540	0.000	495546	4.46	5
21 2-Chlorophenol	128	6.578	6.578	0.000	579254	4.52	
22 1,4-Dichlorobenzene	146	6.723	6.723	0.000	676577	4.30	
23 1,3-Dichlorobenzene	146	6.795	6.795	0.000	716290	4.38	
24 Benzyl alcohol	79	6.915	6.915	0.000	515374	5.36	5
25 1,2-Dichlorobenzene	146	6.939	6.939	0.000	649996	4.32	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
26 2-Methylphenol	108	7.016	7.016	0.000	512356	4.55	
27 2,2'-oxybis[1-chloropropane]	45	7.045	7.044	0.001	942024	4.33	
28 3 & 4 Methylphenol	108	7.155	7.155	0.000	575876	4.94	
30 Acetophenone	105	7.155	7.155	0.000	828840	4.90	
29 N-Nitrosodi-n-propylamine	70	7.160	7.160	0.000	437857	5.07	5
31 Hexachloroethane	117	7.242	7.242	0.000	269552	4.67	
32 Nitrobenzene	77	7.309	7.309	0.000	643907	5.27	5
33 Isophorone	82	7.516	7.516	0.000	1070943	5.73	5
34 2-Nitrophenol	139	7.588	7.588	0.000	302396	5.70	5
35 2,4-Dimethylphenol	107	7.622	7.622	0.000	542036	5.35	5
37 Bis(2-chloroethoxy)methane	93	7.704	7.704	0.000	592867	5.18	5
36 Benzoic acid	105	7.694	7.702	-0.008	211845	5.00	5
38 2,4-Dichlorophenol	162	7.795	7.795	0.000	470967	5.53	5
39 1,2,4-Trichlorobenzene	180	7.867	7.867	0.000	532319	5.16	5
41 Naphthalene	128	7.939	7.939	0.000	1746440	5.12	5
40 Alpha-Terpineol	59	7.939	7.939	0.000	554807	5.77	5
42 4-Chloroaniline	127	7.983	7.983	0.000	690117	5.49	5
43 Hexachlorobutadiene	225	8.045	8.045	0.000	282323	5.26	5
44 Caprolactam	55	8.266	8.266	0.000	253786	5.09	5
45 4-Chloro-3-methylphenol	107	8.387	8.387	0.000	505507	5.76	5
46 2-Methylnaphthalene	142	8.526	8.526	0.000	1110956	4.85	
47 1-Methylnaphthalene	142	8.613	8.613	0.000	1090300	4.99	5
48 Hexachlorocyclopentadiene	237	8.661	8.661	0.000	194857	5.17	5
49 1,2,4,5-Tetrachlorobenzene	216	8.670	8.670	0.000	436097	4.96	
50 2,4,6-Trichlorophenol	196	8.762	8.762	0.000	295120	5.68	5
51 2,4,5-Trichlorophenol	196	8.790	8.790	0.000	318820	5.88	5
52 1,1'-Biphenyl	154	8.915	8.915	0.000	1277108	5.08	5
53 2-Chloronaphthalene	162	8.940	8.940	0.000	1244206	5.34	5
54 Phenyl ether	170	9.002	9.002	0.000	686525	5.05	5
68 4-Nitroaniline	138	9.016	9.016	0.000	360549	5.12	5
56 Dimethyl phthalate	163	9.166	9.166	0.000	1152461	5.23	5
57 2,6-Dinitrotoluene	165	9.218	9.218	0.000	265378	5.65	5
58 Acenaphthylene	152	9.286	9.286	0.000	1607590	5.33	5
59 3-Nitroaniline	138	9.358	9.358	0.000	268638	5.15	5
61 Acenaphthene	153	9.430	9.430	0.000	1045342	5.13	5
60 2,4-Dinitrophenol	184	9.444	9.444	0.000	93717	5.20	5
62 4-Nitrophenol	109	9.483	9.483	0.000	183267	5.27	5
63 2,4-Dinitrotoluene	165	9.555	9.555	0.000	335454	5.33	5
64 Dibenzofuran	168	9.574	9.574	0.000	1357720	5.03	5
65 2,3,4,6-Tetrachlorophenol	232	9.670	9.670	0.000	218389	5.32	5
66 Diethyl phthalate	149	9.747	9.747	0.000	1184603	5.00	5
67 4-Chlorophenyl phenyl ether	204	9.853	9.853	0.000	510865	5.14	5
69 Fluorene	166	9.858	9.858	0.000	1169381	5.22	5
55 2-Nitroaniline	65	9.868	9.868	0.000	321479	4.96	
70 4,6-Dinitro-2-methylphenol	198	9.892	9.892	0.000	141369	5.19	5
71 Diphenylamine	169	9.949	9.949	0.000	974291	5.48	5
72 N-Nitrosodiphenylamine	169	9.949	9.949	0.000	974291	5.48	5
73 1,2-Diphenylhydrazine	77	9.983	9.987	-0.003	1976022	5.66	5
74 Azobenzene	77	9.983	9.987	-0.003	1976022	5.66	5
13 Benzophenone	105	9.993	9.993	0.000	1097424	5.66	5
75 4-Bromophenyl phenyl ether	248	10.262	10.262	0.000	259258	5.26	5
76 Hexachlorobenzene	284	10.324	10.324	0.000	235579	5.19	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
77 Atrazine	200	10.382	10.382	0.000	269880	5.11	5
78 Pentachlorophenol	266	10.483	10.487	-0.004	119851	5.08	5
79 Pentachloronitrobenzene	237	10.493	10.493	0.000	130137	5.18	5
80 Phenanthrene	178	10.666	10.666	0.000	1484825	5.14	5
81 Anthracene	178	10.704	10.704	0.000	1470566	5.51	5
83 Carbazole	167	10.834	10.834	0.000	1189195	4.90	
84 Di-n-butyl phthalate	149	11.103	11.103	0.000	1831129	5.33	5
87 Fluoranthene	202	11.656	11.656	0.000	1376052	5.28	5
86 Benzidine	184	11.753	11.766	-0.013	237067	5.02	5
85 Pyrene	202	11.849	11.849	0.000	1460907	5.06	5
89 Butyl benzyl phthalate	149	12.416	12.416	0.000	772453	5.17	5
91 3,3'-Dichlorobenzidine	252	13.075	13.075	0.000	274055	4.91	
93 Benzo[a]anthracene	228	13.123	13.123	0.000	1082243	5.21	5
92 Bis(2-ethylhexyl) phthalate	149	13.128	13.128	0.000	1279958	4.79	
94 Chrysene	228	13.176	13.176	0.000	984275	4.81	5
95 Di-n-octyl phthalate	149	14.292	14.292	0.000	1573207	5.08	5
97 Benzo[b]fluoranthene	252	15.090	15.090	0.000	965481	5.01	5
98 Benzo[k]fluoranthene	252	15.143	15.143	0.000	911793	5.59	5
99 Benzo[a]pyrene	252	15.624	15.624	0.000	781621	5.94	5
100 Indeno[1,2,3-cd]pyrene	276	17.139	17.139	0.000	700575	5.79	5
101 Dibenz(a,h)anthracene	278	17.172	17.172	0.000	545547	5.82	5
102 Benzo[g,h,i]perylene	276	17.547	17.547	0.000	607375	5.40	5

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Report Date: 05-Oct-2009 07:20:07 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10657.D

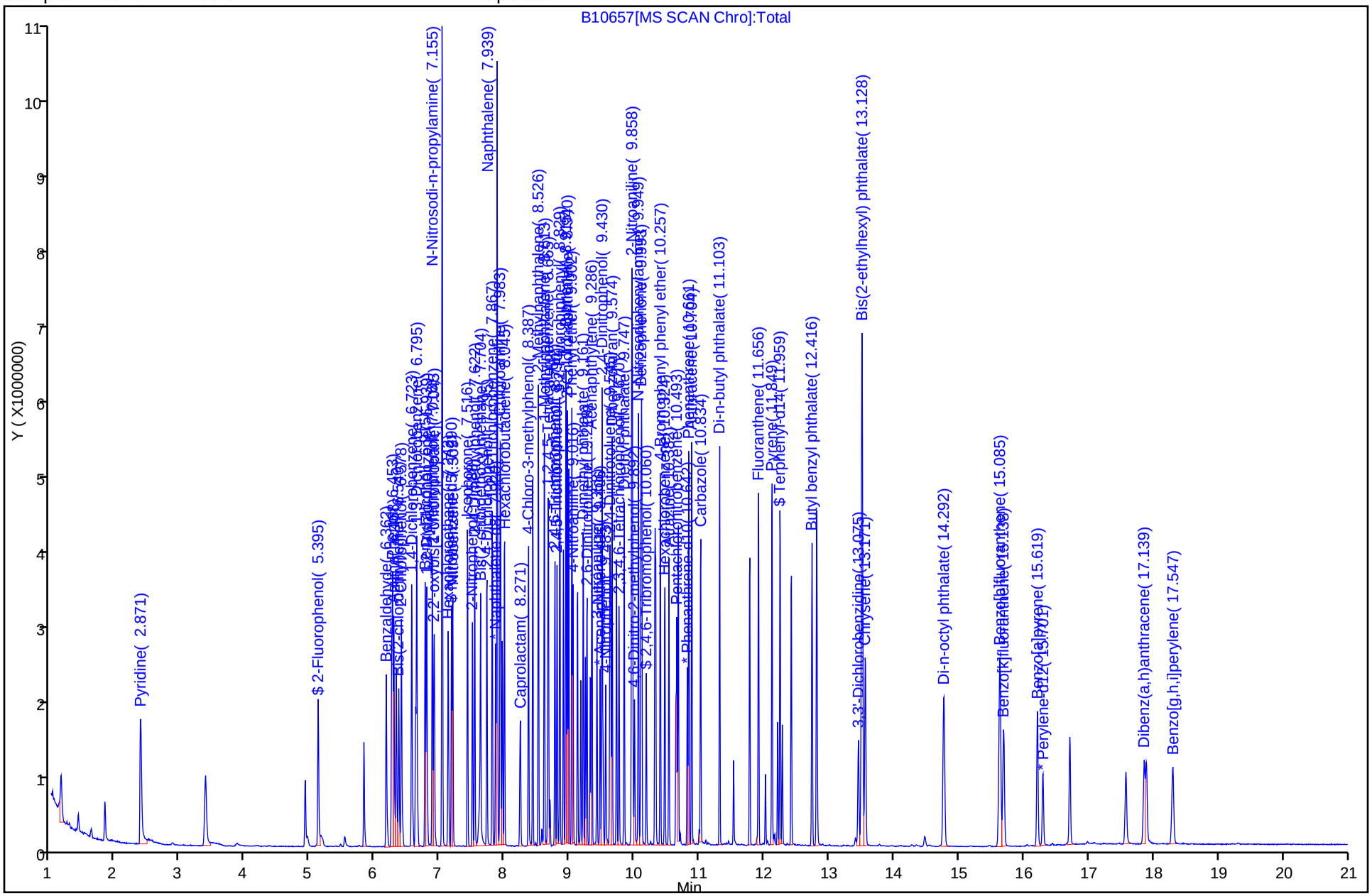
Inj Date: 30-Sep-2009 16:40:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 2

Client ID: Instrument: Inst. B

Sample Info: std5

Sample Amount: 1.00 ul Operator: MZ



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Lims ID:	std01	Client ID:	
Inject. Date:	30-Sep-2009 17:07:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	1
Sample ID:	std01		
Misc. Info.:	360-0001341-003		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	3
Lims Batch ID:	49705	Lims Sample ID:	3
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	30-Sep-2009 18:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:24:29
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:18

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.779	6.784	-0.005	374346	2.00	
* 2 Naphthalene-d8	136	7.918	7.919	-0.001	922472	2.00	
* 3 Acenaphthene-d10	164	9.400	9.405	-0.005	431984	2.00	
* 4 Phenanthrene-d10	188	10.640	10.645	-0.005	743142	2.00	
* 5 Chrysene-d12	240	13.131	13.136	-0.005	572807	2.00	
* 6 Perylene-d12	264	15.699	15.699	0.000	434943	2.00	
$ 7 2-Fluorophenol	112	5.403	5.404	-0.001	9621	0.1071	
$ 8 Phenol-d5	99	6.437	6.447	-0.010	12707	0.1072	
$ 9 Nitrobenzene-d5	82	7.288	7.294	-0.006	13232	0.1021	
$ 10 2-Fluorobiphenyl	172	8.827	8.832	-0.005	26755	0.1062	
$ 11 2,4,6-Tribromophenol	330	10.054	10.063	-0.009	2045	0.1036	
$ 12 Terphenyl-d14	244	11.958	11.963	-0.005	18228	0.1035	
14 1,4-Dioxane	88	2.388	2.403	-0.015	6597	-0.025031	7
15 N-Nitrosodimethylamine	42	2.898	2.894	0.004	7464	0.0988	
17 Benzaldehyde	105	6.365	6.365	0.000	7136	0.1125	
18 Phenol	94	6.452	6.457	-0.005	13790	0.1055	
19 Aniline	93	6.471	6.476	-0.005	15089	0.1034	
20 Bis(2-chloroethyl)ether	93	6.543	6.543	0.000	10264	0.1083	
21 2-Chlorophenol	128	6.577	6.582	-0.005	11370	0.1038	
22 1,4-Dichlorobenzene	146	6.726	6.726	0.000	15268	0.1137	
23 1,3-Dichlorobenzene	146	6.793	6.798	-0.005	15189	0.1088	
24 Benzyl alcohol	79	6.913	6.918	-0.005	6325	0.0771	
25 1,2-Dichlorobenzene	146	6.937	6.938	-0.001	14232	0.1107	
26 2-Methylphenol	108	7.014	7.019	-0.005	9886	0.1027	
27 2,2'-oxybis[1-chloropropane]	45	7.043	7.044	-0.001	21805	0.1175	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
28 3 & 4 Methylphenol	108	7.154	7.159	-0.005	9275	0.0932	
30 Acetophenone	105	7.154	7.159	-0.005	14437	0.1000	
29 N-Nitrosodi-n-propylamine	70	7.159	7.164	-0.005	7337	0.0996	
31 Hexachloroethane	117	7.245	7.245	0.000	5211	0.1056	
32 Nitrobenzene	77	7.303	7.308	-0.005	12747	0.0985	
33 Isophorone	82	7.514	7.520	-0.006	16927	0.0855	
34 2-Nitrophenol	139	7.587	7.587	0.000	5011	0.0892	
35 2,4-Dimethylphenol	107	7.620	7.621	-0.001	9630	0.0898	
37 Bis(2-chloroethoxy)methane	93	7.702	7.702	0.000	13030	0.1075	
38 2,4-Dichlorophenol	162	7.793	7.794	-0.001	7895	0.0876	
39 1,2,4-Trichlorobenzene	180	7.866	7.871	-0.005	10391	0.0951	
41 Naphthalene	128	7.933	7.938	-0.005	37107	0.1026	
40 Alpha-Terpineol	59	7.938	7.943	-0.005	8557	0.0841	
42 4-Chloroaniline	127	7.976	7.981	-0.005	12789	0.0960	
43 Hexachlorobutadiene	225	8.043	8.044	-0.001	4940	0.0869	
44 Caprolactam	55	8.241	8.275	-0.034	4270	0.1320	
45 4-Chloro-3-methylphenol	107	8.380	8.390	-0.010	7975	0.0858	
46 2-Methylnaphthalene	142	8.524	8.525	-0.001	25938	0.1069	
47 1-Methylnaphthalene	142	8.611	8.611	0.000	23906	0.1033	
48 Hexachlorocyclopentadiene	237	8.659	8.659	0.000	2754	0.1029	
49 1,2,4,5-Tetrachlorobenzene	216	8.669	8.669	0.000	9872	0.1061	
50 2,4,6-Trichlorophenol	196	8.760	8.760	0.000	5313	0.0950	
51 2,4,5-Trichlorophenol	196	8.789	8.794	-0.005	4928	0.0844	
52 1,1'-Biphenyl	154	8.914	8.919	-0.005	29505	0.1090	
53 2-Chloronaphthalene	162	8.938	8.938	0.000	24825	0.0990	
54 Phenyl ether	170	9.000	9.001	-0.001	14012	0.0974	
68 4-Nitroaniline	138	9.015	9.020	-0.005	4894	0.1276	
56 Dimethyl phthalate	163	9.159	9.164	-0.005	23286	0.0982	
57 2,6-Dinitrotoluene	165	9.212	9.217	-0.005	3749	0.0742	
58 Acenaphthylene	152	9.284	9.289	-0.005	30568	0.0941	
59 3-Nitroaniline	138	9.356	9.361	-0.005	3772	0.1035	
61 Acenaphthene	153	9.428	9.433	-0.005	22283	0.1017	
63 2,4-Dinitrotoluene	165	9.549	9.554	-0.005	4202	0.1046	
64 Dibenzofuran	168	9.573	9.573	0.000	30340	0.1044	
65 2,3,4,6-Tetrachlorophenol	232	9.669	9.674	-0.005	3063	0.1059	
66 Diethyl phthalate	149	9.741	9.746	-0.005	29492	0.1158	
67 4-Chlorophenyl phenyl ether	204	9.847	9.852	-0.005	10978	0.1027	
69 Fluorene	166	9.856	9.861	-0.005	24236	0.1006	
55 2-Nitroaniline	65	9.861	9.871	-0.010	4904	0.1044	
71 Diphenylamine	169	9.943	9.948	-0.005	19626	0.0957	
72 N-Nitrosodiphenylamine	169	9.943	9.948	-0.005	19626	0.0957	
73 1,2-Diphenylhydrazine	77	9.981	9.987	-0.005	36297	0.0902	
74 Azobenzene	77	9.981	9.987	-0.005	36297	0.0902	
13 Benzophenone	105	9.991	9.996	-0.005	19913	0.0890	
75 4-Bromophenyl phenyl ether	248	10.260	10.261	-0.001	5995	0.1054	
76 Hexachlorobenzene	284	10.318	10.323	-0.005	5668	0.1083	
77 Atrazine	200	10.381	10.386	-0.005	3584	0.1003	
79 Pentachloronitrobenzene	237	10.486	10.496	-0.010	2059	0.1273	
80 Phenanthrene	178	10.659	10.665	-0.006	35165	0.1055	
81 Anthracene	178	10.703	10.708	-0.005	28140	0.0914	
83 Carbazole	167	10.828	10.833	-0.005	27043	0.0967	
84 Di-n-butyl phthalate	149	11.102	11.102	0.000	41970	0.1059	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
87 Fluoranthene	202	11.655	11.655	0.000	30007	0.0998	
85 Pyrene	202	11.847	11.848	-0.001	31883	0.1029	
89 Butyl benzyl phthalate	149	12.415	12.415	0.000	11129	0.1244	
91 3,3'-Dichlorobenzidine	252	13.073	13.079	-0.006	3236	0.1052	
93 Benzo[a]anthracene	228	13.122	13.127	-0.005	23318	0.1046	
92 Bis(2-ethylhexyl) phthalate	149	13.126	13.131	-0.005	34228	0.1194	
94 Chrysene	228	13.165	13.180	-0.015	24059	0.1096	
95 Di-n-octyl phthalate	149	14.285	14.290	-0.005	14000	0.2521	
97 Benzo[b]fluoranthene	252	15.074	15.093	-0.019	9473	0.0985	
98 Benzo[k]fluoranthene	252	15.132	15.142	-0.010	15832	0.0903	
99 Benzo[a]pyrene	252	15.617	15.627	-0.010	12368	0.0875	
100 Indeno[1,2,3-cd]pyrene	276	17.127	17.142	-0.015	13335	0.1027	
101 Dibenz(a,h)anthracene	278	17.161	17.176	-0.015	10518	0.1044	
102 Benzo[g,h,i]perylene	276	17.536	17.551	-0.015	12724	0.1052	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Report Date: 05-Oct-2009 07:20:18 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D

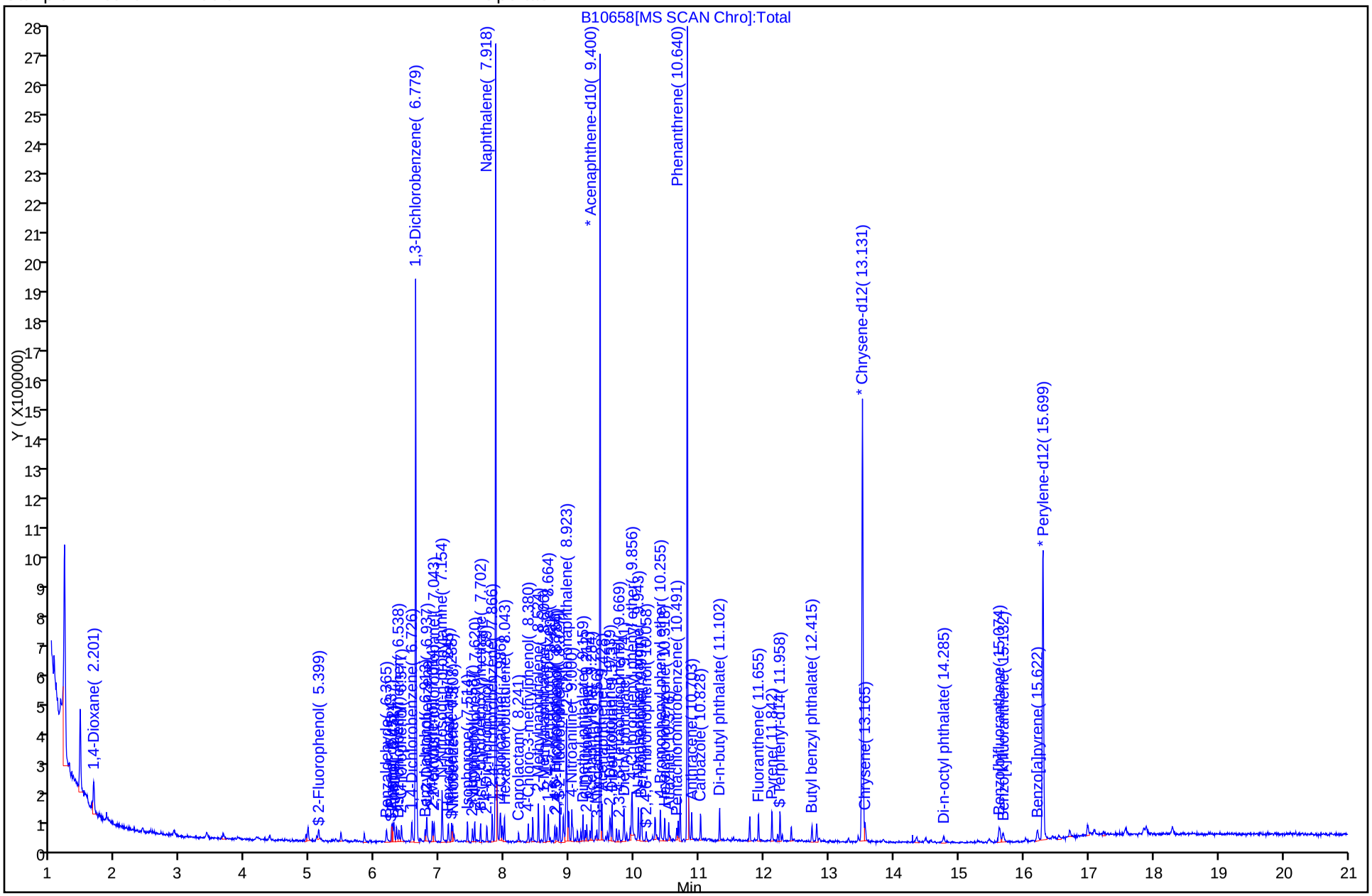
Inj Date: 30-Sep-2009 17:07:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 3

Client ID: Instrument: Inst. B

Sample Info: std01

Sample Amount: 1.00 ul Operator: MZ

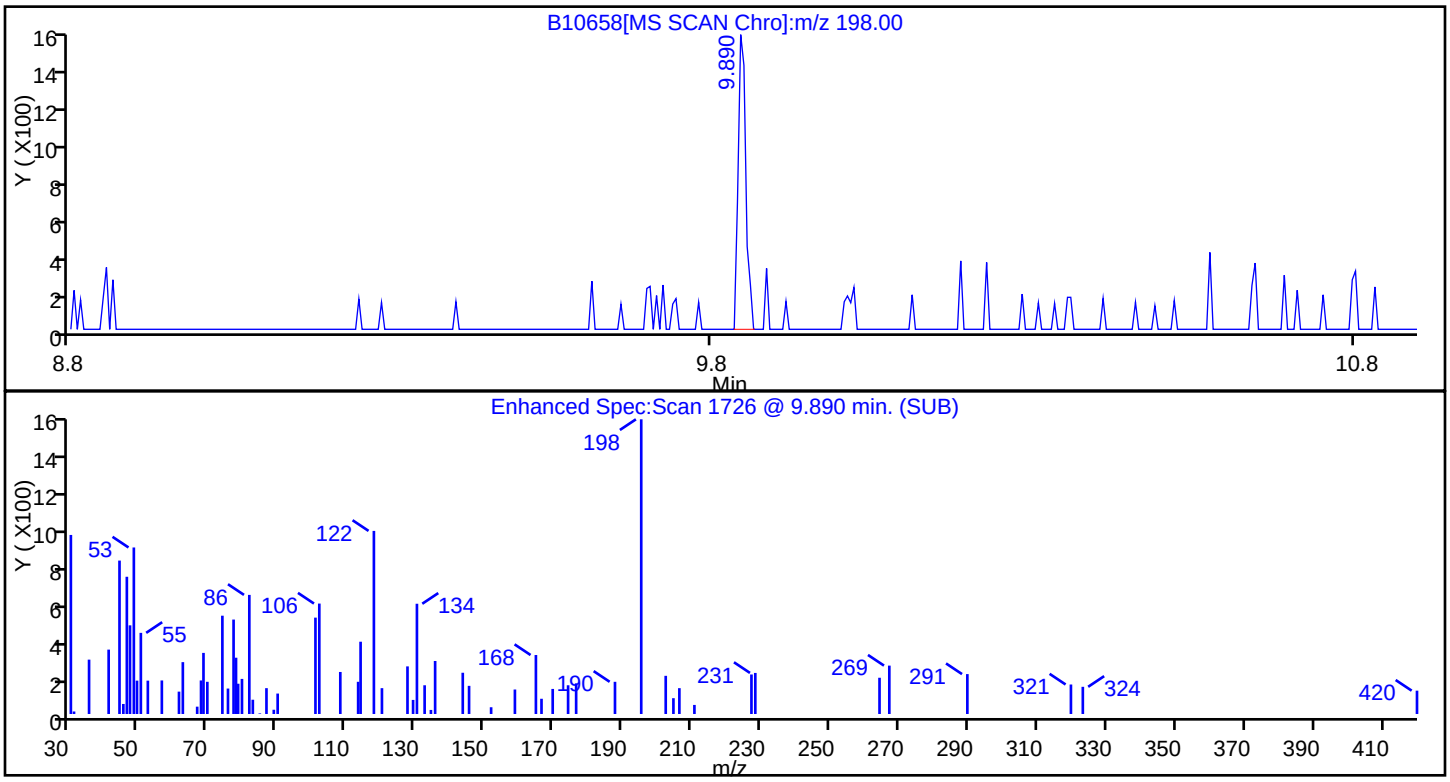


User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

70 4,6-Dinitro-2-methylphenol

Processing Results



RT	Mass	Response	Amount
9.89	198.00	1217	0.168265
9.89	121.00	695	
9.89	105.00	941	

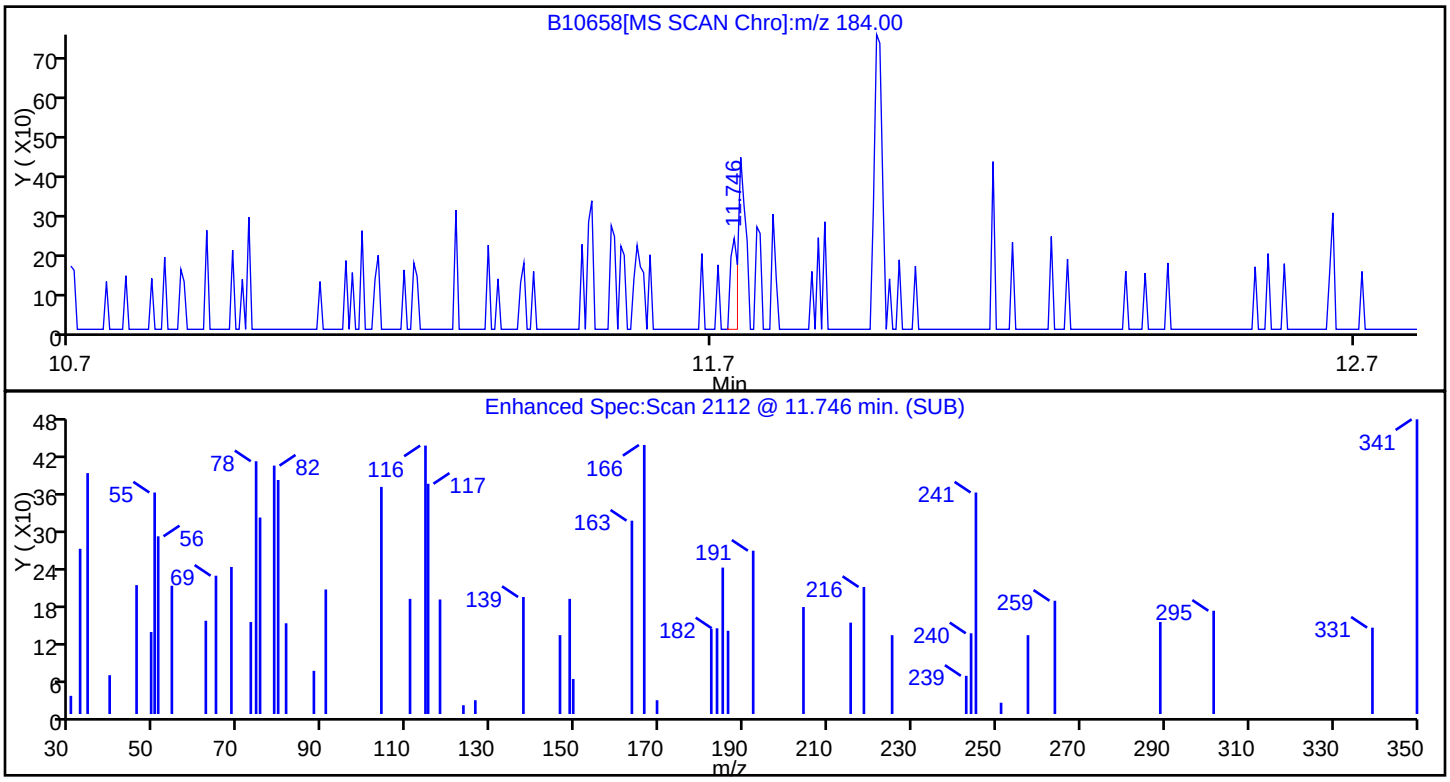
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

86 Benzidine

Processing Results



RT	Mass	Response	Amount
11.75	184.00	169	-0.155512
11.76	92.00	49	
11.76	156.00	91	

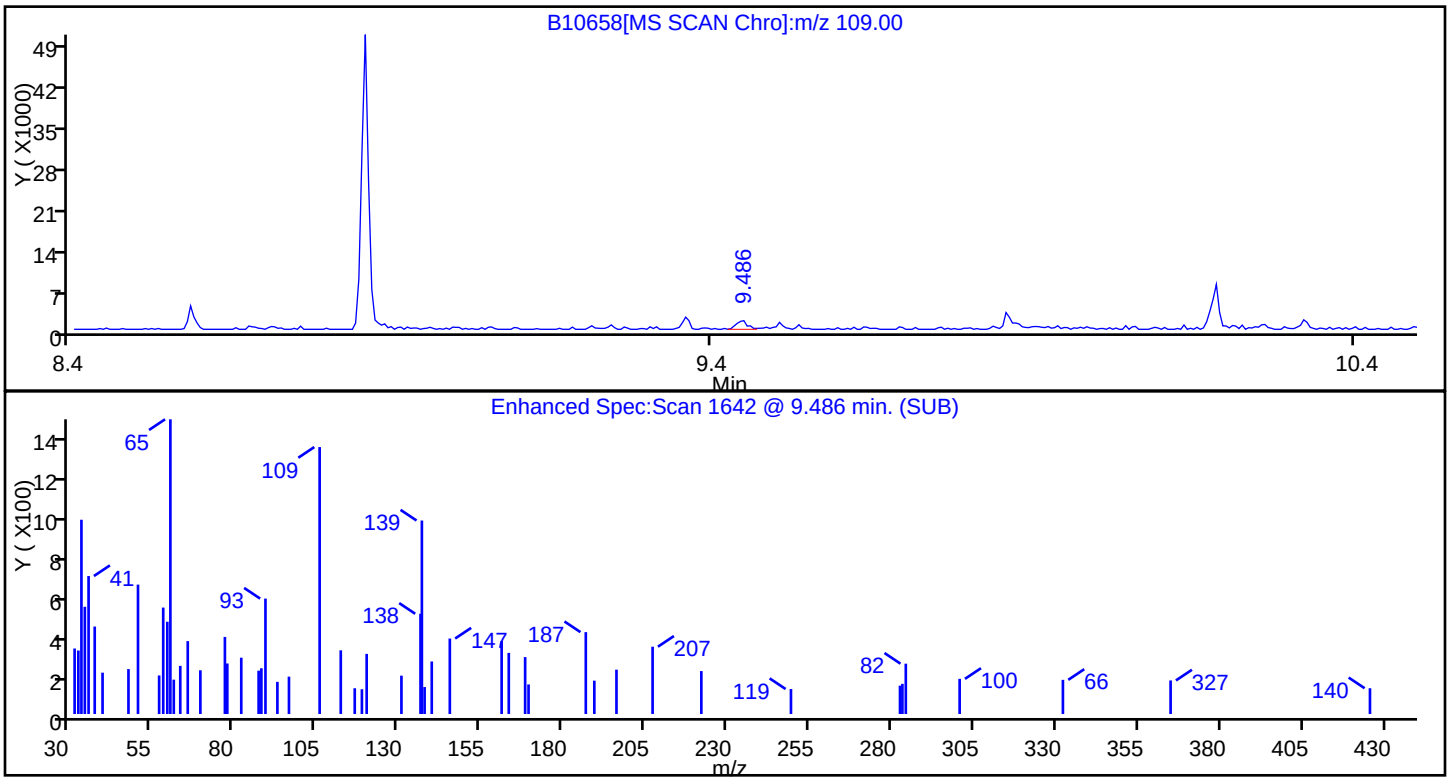
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

62 4-Nitrophenol

Processing Results



RT	Mass	Response	Amount
9.49	109.00	1752	0.108645
9.48	139.00	1383	
9.48	64.00	281	

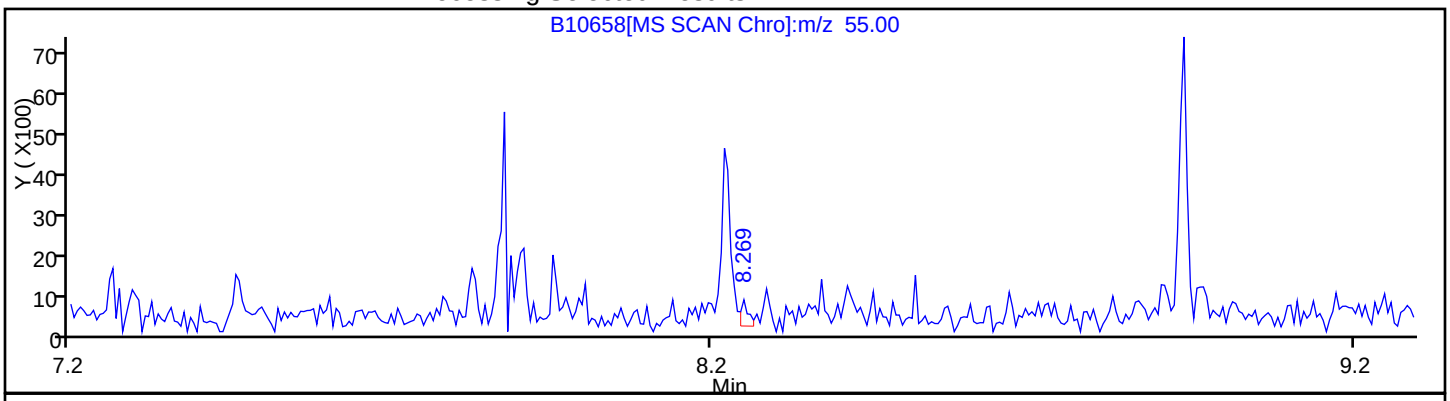
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

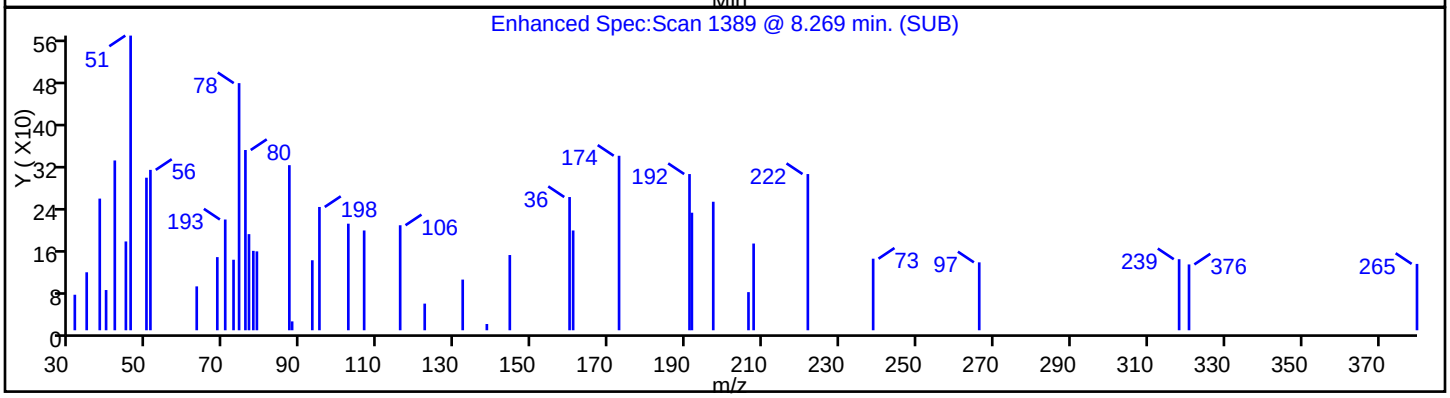
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

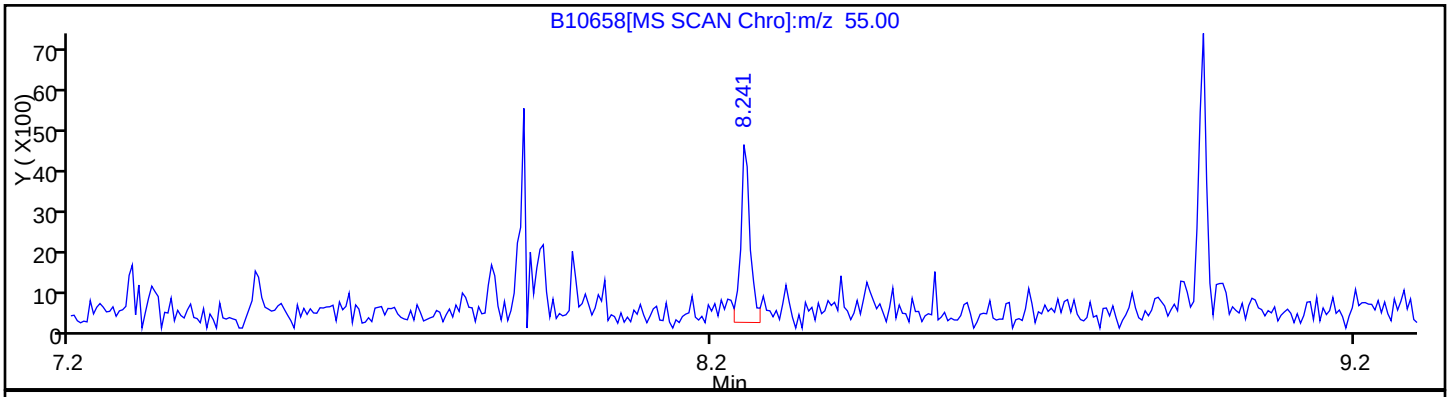
44 Caprolactam

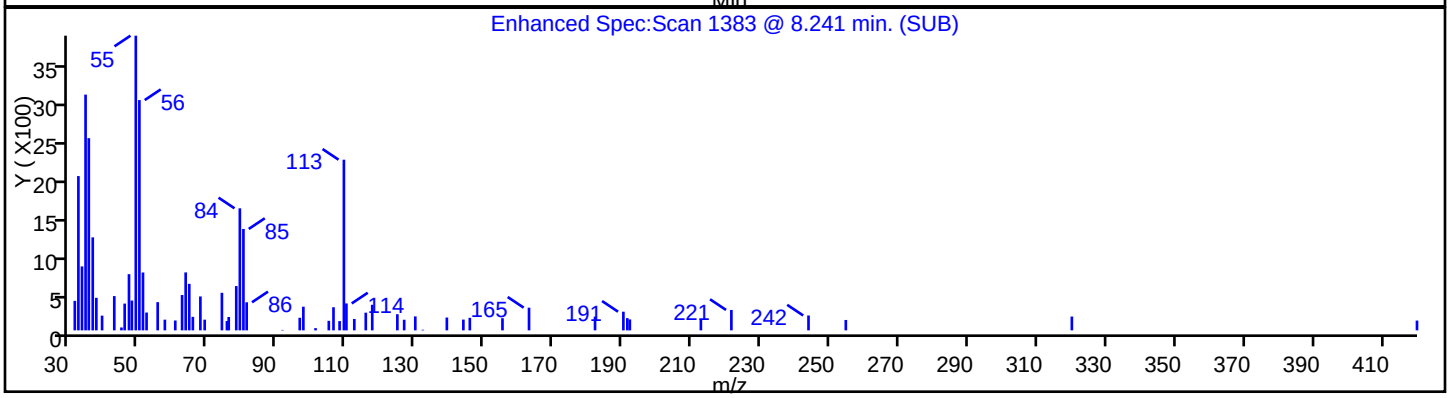
Processing Selected Results





Manual Selected Results





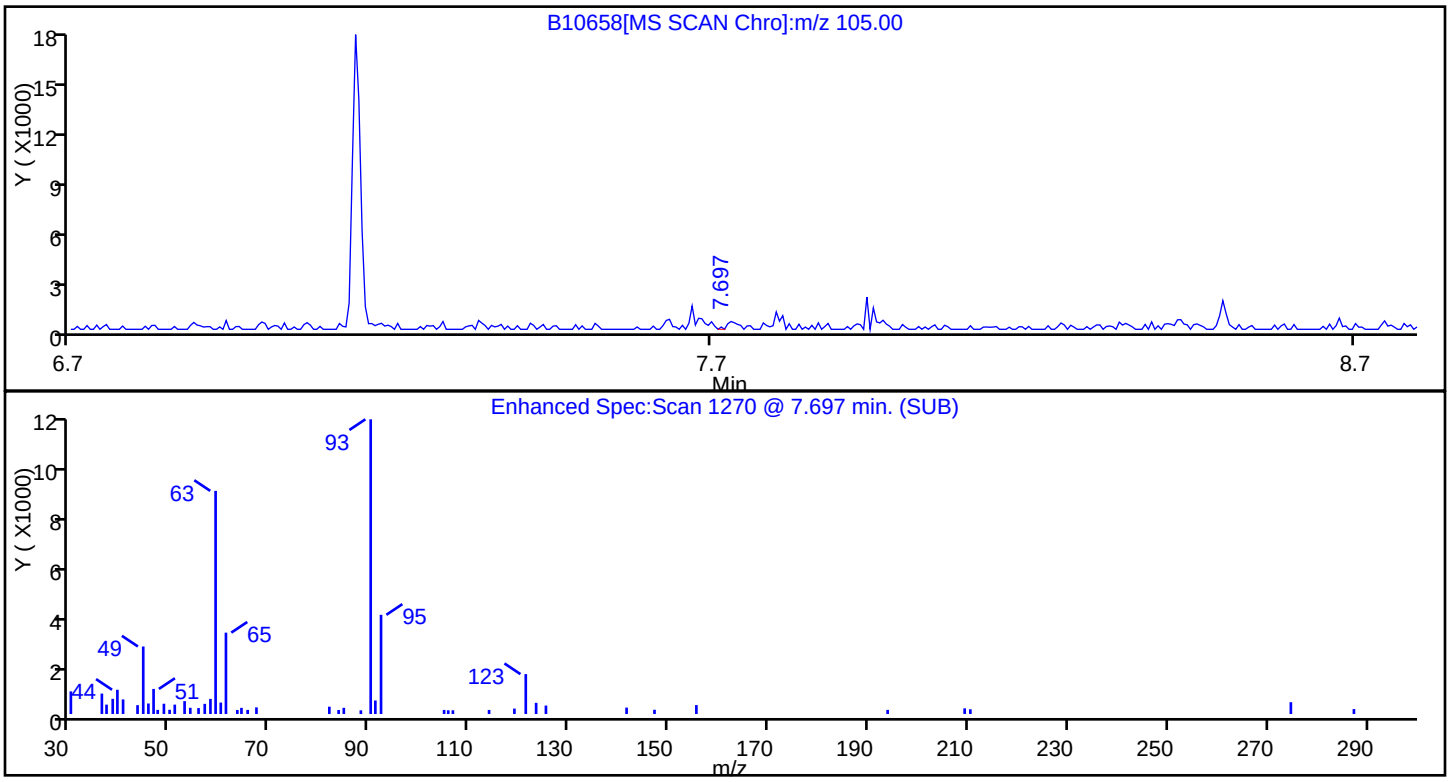
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Selected Alternate Hit
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid

Processing Results



RT	Mass	Response	Amount
7.70	105.00	39	0.608291
7.70	122.00	264	
7.71	77.00	1038	

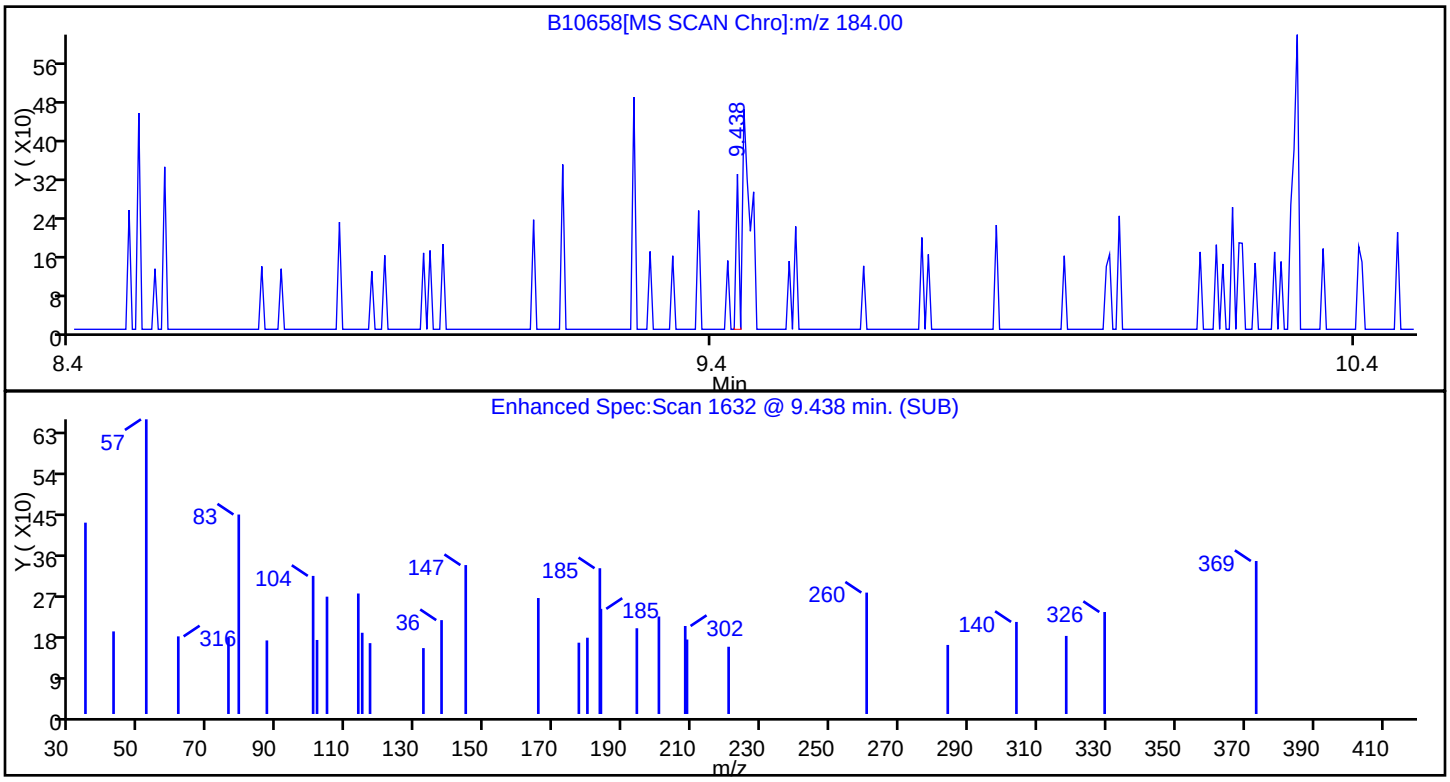
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

60 2,4-Dinitrophenol

Processing Results



RT	Mass	Response	Amount
9.44	184.00	93	0.725666
9.45	63.00	636	
9.43	154.00	20635	

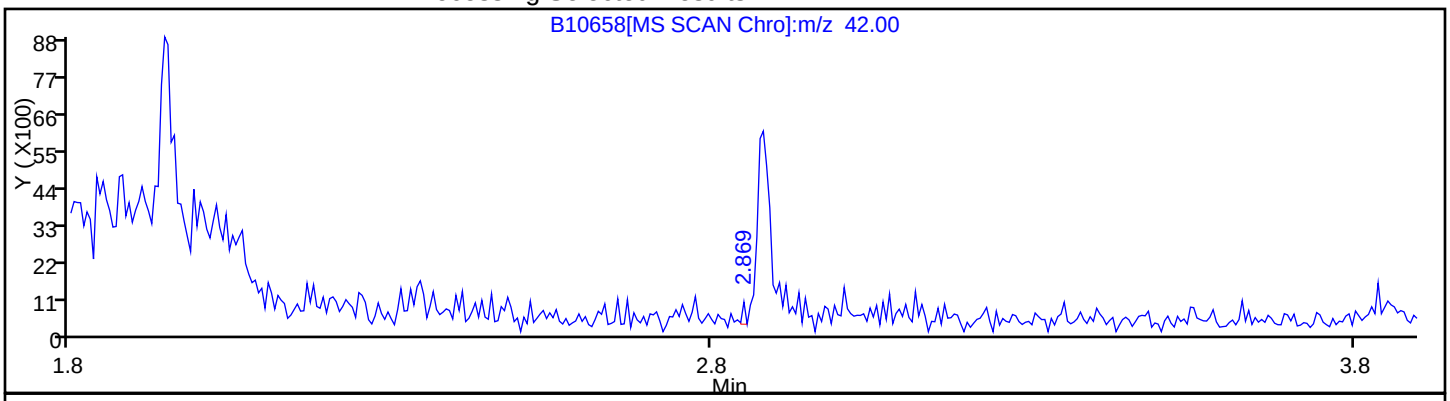
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

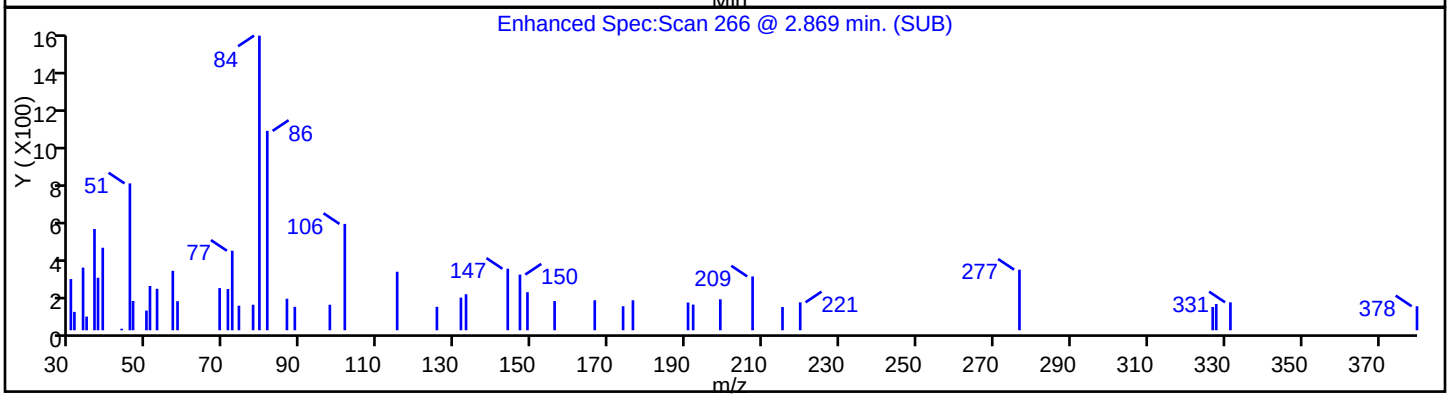
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

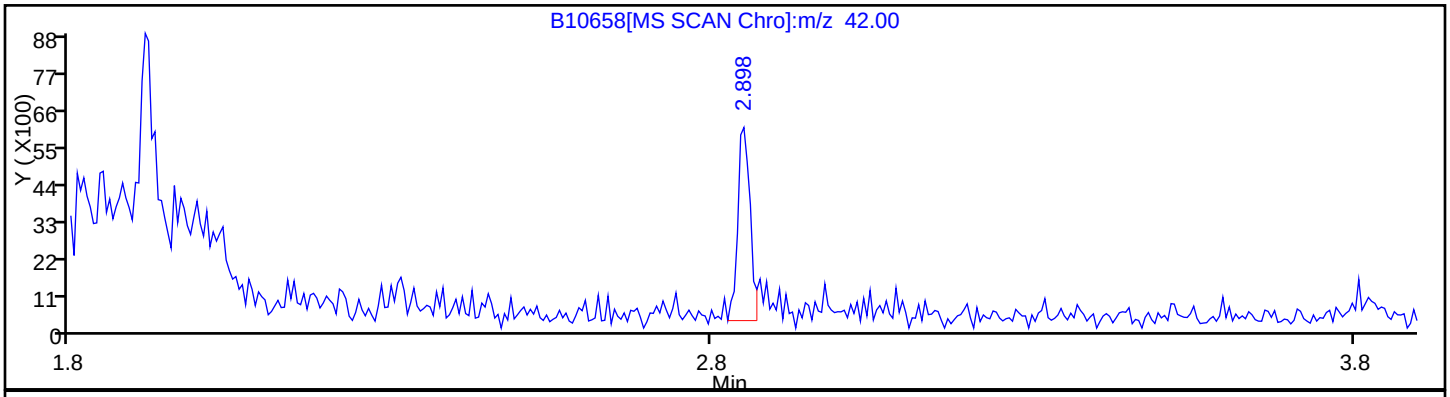
15 N-Nitrosodimethylamine

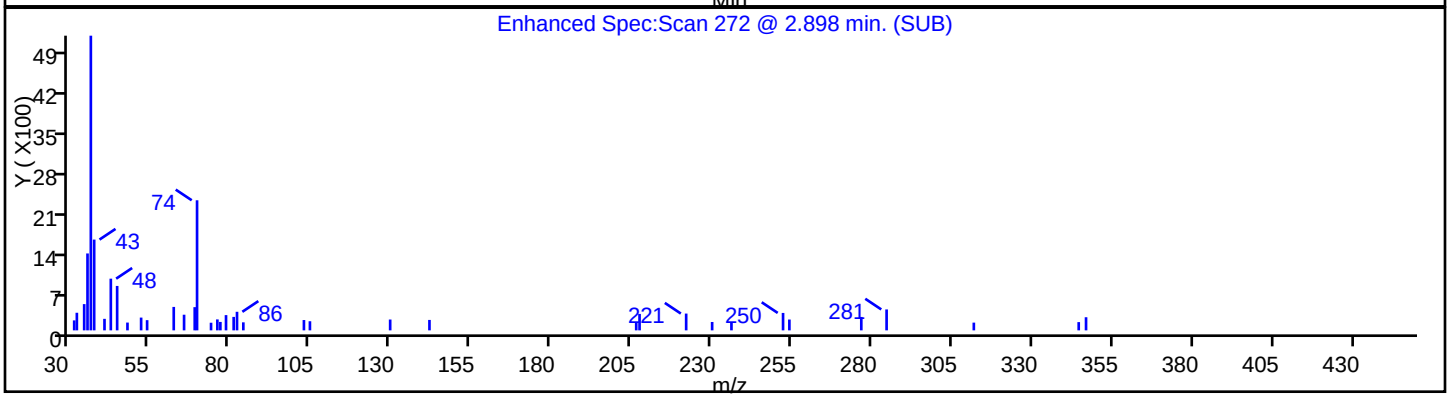
Processing Selected Results





Manual Selected Results





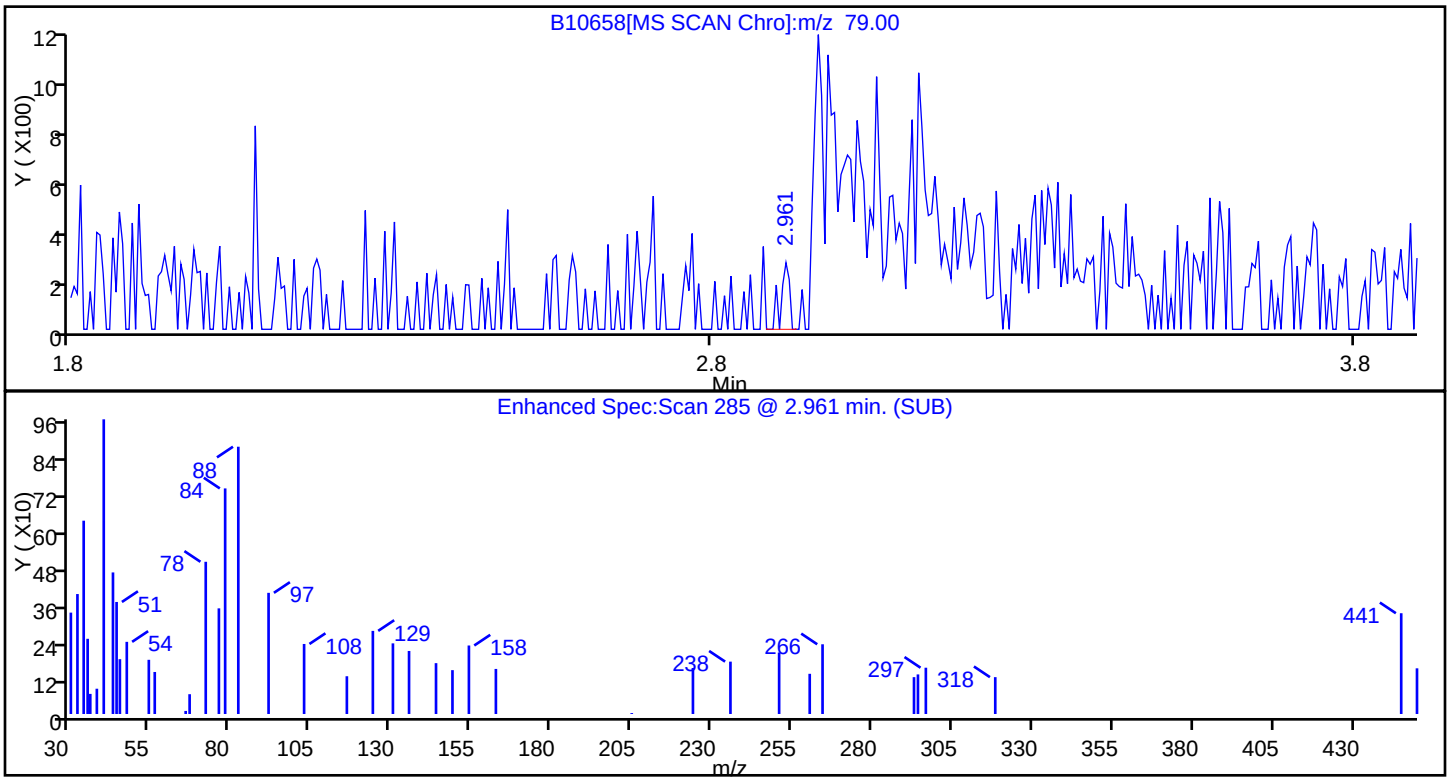
Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Selected Alternate Hit
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10658.D		
Inj Date:	30-Sep-2009 17:07:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	std01		
Sample Amount:	1.00 ul	Operator:	MZ

16 Pyridine

Processing Results



RT	Mass	Response	Amount
2.96	79.00	231	-0.192440
2.96	52.00	97	
2.96	51.00	3211	

Reviewer: sullivanp, 02-Oct-2009 16:24:29
Audit Action: Marked Compound Undetected
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10659.D		
Lims ID:	std025	Client ID:	
Inject. Date:	30-Sep-2009 17:35:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	2
Sample ID:	std025		
Misc. Info.:	360-0001341-004		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	4
Lims Batch ID:	49705	Lims Sample ID:	4
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	30-Sep-2009 18:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:25:32
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:26

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.781	6.784	-0.003	365025	2.00	
* 2 Naphthalene-d8	136	7.916	7.919	-0.003	880434	2.00	
* 3 Acenaphthene-d10	164	9.402	9.405	-0.003	430290	2.00	
* 4 Phenanthrene-d10	188	10.643	10.645	-0.002	725986	2.00	
* 5 Chrysene-d12	240	13.134	13.136	-0.002	579928	2.00	
* 6 Perylene-d12	264	15.697	15.699	-0.002	449091	2.00	
$ 7 2-Fluorophenol	112	5.401	5.404	-0.003	21566	0.2462	
$ 8 Phenol-d5	99	6.440	6.447	-0.007	27612	0.2389	
$ 9 Nitrobenzene-d5	82	7.291	7.294	-0.003	27261	0.2204	
$ 10 2-Fluorobiphenyl	172	8.830	8.832	-0.002	60710	0.2418	
$ 11 2,4,6-Tribromophenol	330	10.061	10.063	-0.002	4182	0.2169	
$ 12 Terphenyl-d14	244	11.960	11.963	-0.003	42493	0.2384	
14 1,4-Dioxane	88	2.377	2.403	-0.027	12611	0.1973	
15 N-Nitrosodimethylamine	42	2.886	2.894	-0.008	19288	0.2617	
16 Pyridine	79	2.925	2.898	0.027	13597	0.2495	
17 Benzaldehyde	105	6.363	6.365	-0.002	15173	0.2452	
18 Phenol	94	6.450	6.457	-0.007	31920	0.2504	
19 Aniline	93	6.469	6.476	-0.007	34004	0.2390	
20 Bis(2-chloroethyl)ether	93	6.541	6.543	-0.002	23348	0.2527	
21 2-Chlorophenol	128	6.579	6.582	-0.003	26824	0.2512	
22 1,4-Dichlorobenzene	146	6.724	6.726	-0.002	34105	0.2604	
23 1,3-Dichlorobenzene	146	6.796	6.798	-0.002	35917	0.2639	
24 Benzyl alcohol	79	6.911	6.918	-0.007	19208	0.2402	
25 1,2-Dichlorobenzene	146	6.935	6.938	-0.003	32426	0.2586	
26 2-Methylphenol	108	7.017	7.019	-0.002	24491	0.2610	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.041	7.044	-0.003	45881	0.2535	
28 3 & 4 Methylphenol	108	7.152	7.159	-0.007	23830	0.2456	
30 Acetophenone	105	7.156	7.159	-0.003	33645	0.2390	
29 N-Nitrosodi-n-propylamine	70	7.156	7.164	-0.008	16486	0.2294	
31 Hexachloroethane	117	7.243	7.245	-0.002	11103	0.2308	
32 Nitrobenzene	77	7.306	7.308	-0.002	28025	0.2269	
33 Isophorone	82	7.517	7.520	-0.003	42253	0.2237	
34 2-Nitrophenol	139	7.589	7.587	0.002	11146	0.2079	
35 2,4-Dimethylphenol	107	7.618	7.621	-0.003	24257	0.2370	
37 Bis(2-chloroethoxy)methane	93	7.700	7.702	-0.002	26899	0.2324	
38 2,4-Dichlorophenol	162	7.791	7.794	-0.003	20636	0.2399	
39 1,2,4-Trichlorobenzene	180	7.868	7.871	-0.003	26382	0.2530	
41 Naphthalene	128	7.935	7.938	-0.003	85272	0.2471	
40 Alpha-Terpineol	59	7.935	7.943	-0.008	22801	0.2348	
42 4-Chloroaniline	127	7.979	7.981	-0.002	29738	0.2339	
43 Hexachlorobutadiene	225	8.041	8.044	-0.003	14694	0.2707	
44 Caprolactam	55	8.243	8.275	-0.032	8366	0.2162	
45 4-Chloro-3-methylphenol	107	8.383	8.390	-0.007	18300	0.2063	
46 2-Methylnaphthalene	142	8.527	8.525	0.002	58439	0.2524	
47 1-Methylnaphthalene	142	8.609	8.611	-0.002	54113	0.2451	
48 Hexachlorocyclopentadiene	237	8.657	8.659	-0.002	8437	0.2428	
49 1,2,4,5-Tetrachlorobenzene	216	8.666	8.669	-0.003	21311	0.2399	
50 2,4,6-Trichlorophenol	196	8.758	8.760	-0.002	12103	0.2173	
51 2,4,5-Trichlorophenol	196	8.787	8.794	-0.007	12594	0.2166	
52 1,1'-Biphenyl	154	8.912	8.919	-0.007	64701	0.2400	
53 2-Chloronaphthalene	162	8.936	8.938	-0.002	59493	0.2383	
54 Phenyl ether	170	8.998	9.001	-0.003	34207	0.2491	
68 4-Nitroaniline	138	9.013	9.020	-0.007	11668	0.2164	
56 Dimethyl phthalate	163	9.157	9.164	-0.007	61180	0.2589	
57 2,6-Dinitrotoluene	165	9.215	9.217	-0.002	11374	0.2260	
58 Acenaphthylene	152	9.282	9.289	-0.007	77216	0.2387	
59 3-Nitroaniline	138	9.354	9.361	-0.007	11273	0.2370	
61 Acenaphthene	153	9.426	9.433	-0.007	51600	0.2364	
62 4-Nitrophenol	109	9.479	9.486	-0.007	5505	0.2573	
63 2,4-Dinitrotoluene	165	9.551	9.554	-0.003	12691	0.2297	
64 Dibenzofuran	168	9.570	9.573	-0.003	70996	0.2452	
65 2,3,4,6-Tetrachlorophenol	232	9.671	9.674	-0.003	8233	0.2228	
66 Diethyl phthalate	149	9.744	9.746	-0.002	59466	0.2343	
67 4-Chlorophenyl phenyl ether	204	9.849	9.852	-0.003	25368	0.2382	
69 Fluorene	166	9.859	9.861	-0.002	56871	0.2370	
55 2-Nitroaniline	65	9.859	9.871	-0.012	13156	0.2226	
70 4,6-Dinitro-2-methylphenol	198	9.893	9.895	-0.002	3487	0.2864	
71 Diphenylamine	169	9.946	9.948	-0.002	48906	0.2441	
72 N-Nitrosodiphenylamine	169	9.946	9.948	-0.002	48906	0.2441	
73 1,2-Diphenylhydrazine	77	9.984	9.987	-0.002	90936	0.2313	
74 Azobenzene	77	9.984	9.987	-0.002	90936	0.2313	
13 Benzophenone	105	9.989	9.996	-0.007	50896	0.2330	
75 4-Bromophenyl phenyl ether	248	10.258	10.261	-0.003	13281	0.2390	
76 Hexachlorobenzene	284	10.321	10.323	-0.002	11336	0.2217	
77 Atrazine	200	10.378	10.386	-0.008	12359	0.2480	
79 Pentachloronitrobenzene	237	10.494	10.496	-0.002	4573	0.2169	
80 Phenanthrene	178	10.662	10.665	-0.003	80193	0.2462	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
81 Anthracene	178	10.705	10.708	-0.003	69478	0.2311	
83 Carbazole	167	10.830	10.833	-0.003	66731	0.2442	
84 Di-n-butyl phthalate	149	11.100	11.102	-0.002	89818	0.2319	
87 Fluoranthene	202	11.653	11.655	-0.002	70171	0.2388	
86 Benzidine	184	11.754	11.762	-0.008	3517	0.2844	
85 Pyrene	202	11.845	11.848	-0.003	76979	0.2453	
89 Butyl benzyl phthalate	149	12.412	12.415	-0.003	28267	0.2278	
91 3,3'-Dichlorobenzidine	252	13.076	13.079	-0.003	10109	0.2166	
93 Benzo[a]anthracene	228	13.119	13.127	-0.008	50818	0.2253	
92 Bis(2-ethylhexyl) phthalate	149	13.124	13.131	-0.007	71638	0.2469	
94 Chrysene	228	13.172	13.180	-0.008	54552	0.2455	
95 Di-n-octyl phthalate	149	14.288	14.290	-0.002	30924	0.2980	
97 Benzo[b]fluoranthene	252	15.077	15.093	-0.016	45107	0.2619	
98 Benzo[k]fluoranthene	252	15.129	15.142	-0.013	39766	0.2196	
99 Benzo[a]pyrene	252	15.620	15.627	-0.007	29646	0.2032	
100 Indeno[1,2,3-cd]pyrene	276	17.135	17.142	-0.007	27617	0.2059	
101 Dibenz(a,h)anthracene	278	17.164	17.176	-0.012	21053	0.2023	
102 Benzo[g,h,i]perylene	276	17.539	17.551	-0.012	28231	0.2261	

Report Date: 05-Oct-2009 07:20:26 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10659.D

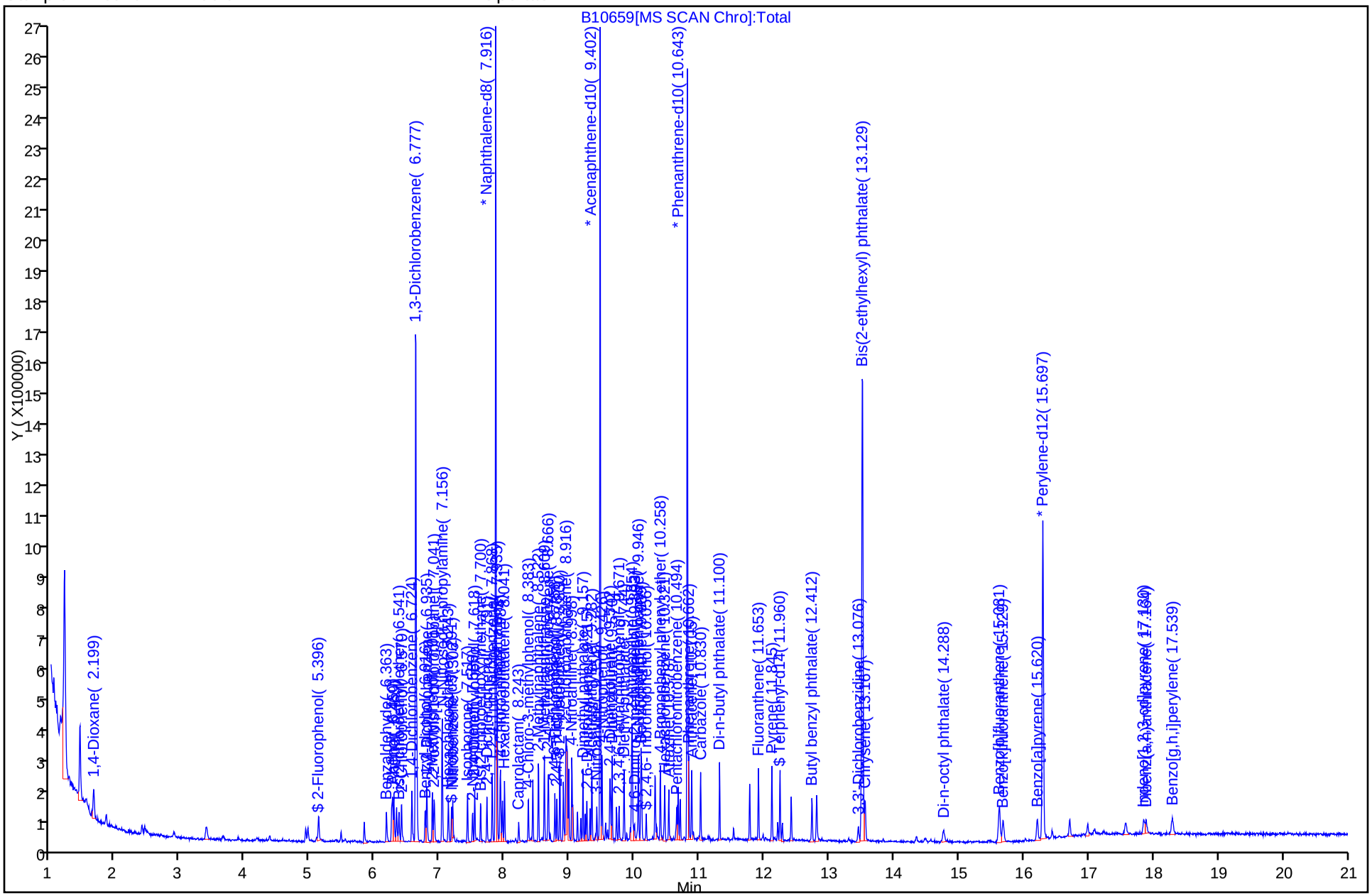
Inj Date: 30-Sep-2009 17:35:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 4

Client ID: Instrument: Inst. B

Sample Info: std025

Sample Amount: 1.00 ul Operator: MZ

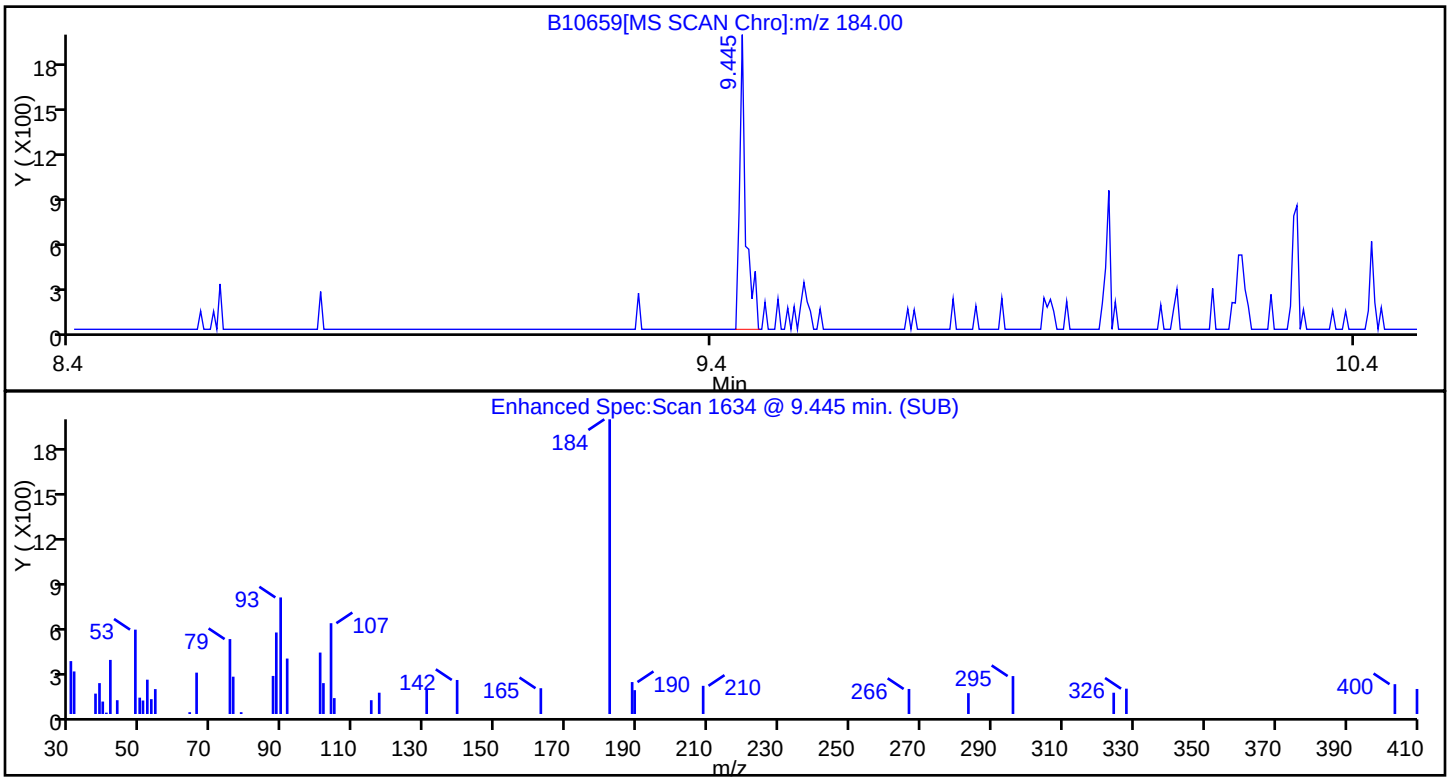


User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10659.D		
Inj Date:	30-Sep-2009 17:35:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	std025		
Sample Amount:	1.00 ul	Operator:	MZ

60 2,4-Dinitrophenol

Processing Results



RT	Mass	Response	Amount
9.45	184.00	1278	0.902682
9.45	63.00	1076	
9.43	154.00	50373	

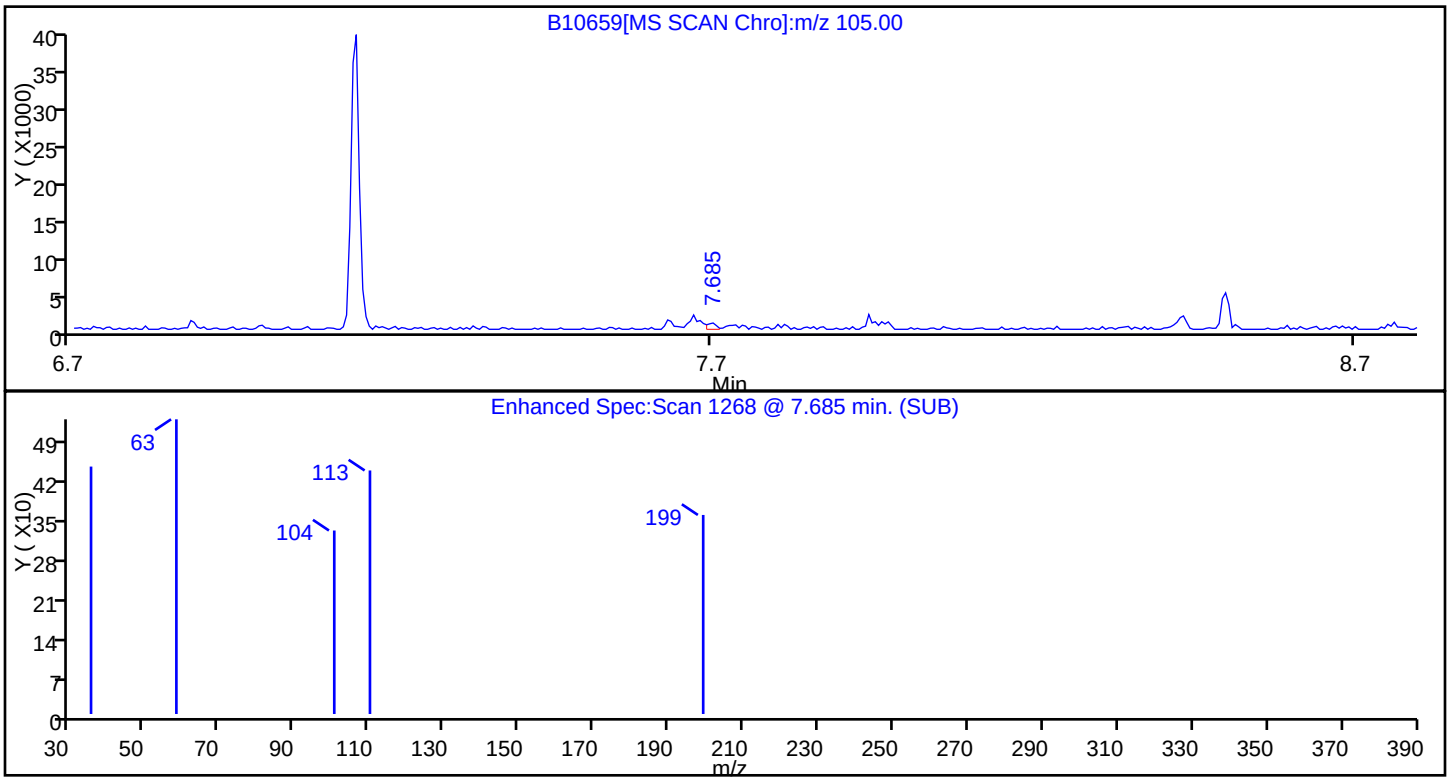
Reviewer: sullivanp, 02-Oct-2009 16:25:32
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10659.D		
Inj Date:	30-Sep-2009 17:35:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	std025		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid

Processing Results



RT	Mass	Response	Amount
7.69	105.00	808	0.771165
7.67	122.00	1476	
7.68	77.00	553	

Reviewer: sullivanp, 02-Oct-2009 16:25:32
Audit Action: Marked Compound Undetected
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10660.D		
Lims ID:	std05	Client ID:	
Inject. Date:	30-Sep-2009 18:03:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	3
Sample ID:	std05		
Misc. Info.:	360-0001341-005		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	5
Lims Batch ID:	49705	Lims Sample ID:	5
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	30-Sep-2009 18:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:26:37
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:33

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.777	6.784	-0.007	353099	2.00	
* 2 Naphthalene-d8	136	7.917	7.919	-0.002	860229	2.00	
* 3 Acenaphthene-d10	164	9.403	9.405	-0.002	414189	2.00	
* 4 Phenanthrene-d10	188	10.639	10.645	-0.006	703613	2.00	
* 5 Chrysene-d12	240	13.135	13.136	-0.001	552366	2.00	
* 6 Perylene-d12	264	15.698	15.699	-0.001	426574	2.00	
$ 7 2-Fluorophenol	112	5.397	5.404	-0.007	42090	0.4968	
$ 8 Phenol-d5	99	6.436	6.447	-0.011	58193	0.5204	
$ 9 Nitrobenzene-d5	82	7.287	7.294	-0.007	57009	0.4717	
$ 10 2-Fluorobiphenyl	172	8.831	8.832	-0.001	116188	0.4808	
$ 11 2,4,6-Tribromophenol	330	10.057	10.063	-0.006	8090	0.4330	
$ 12 Terphenyl-d14	244	11.961	11.963	-0.002	86544	0.5097	
14 1,4-Dioxane	88	2.373	2.403	-0.030	19191	0.4574	
15 N-Nitrosodimethylamine	42	2.887	2.894	-0.007	35713	0.5010	
16 Pyridine	79	2.897	2.898	-0.001	32010	0.4826	
17 Benzaldehyde	105	6.364	6.365	-0.001	29924	0.5000	
18 Phenol	94	6.450	6.457	-0.007	58737	0.4764	
19 Aniline	93	6.470	6.476	-0.006	72371	0.5258	
20 Bis(2-chloroethyl)ether	93	6.542	6.543	-0.001	46783	0.5234	
21 2-Chlorophenol	128	6.576	6.582	-0.006	53667	0.5195	
22 1,4-Dichlorobenzene	146	6.725	6.726	-0.001	65746	0.5189	
23 1,3-Dichlorobenzene	146	6.797	6.798	-0.001	68377	0.5194	
24 Benzyl alcohol	79	6.912	6.918	-0.006	39145	0.5060	
25 1,2-Dichlorobenzene	146	6.936	6.938	-0.002	63934	0.5271	
26 2-Methylphenol	108	7.013	7.019	-0.006	47516	0.5235	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.042	7.044	-0.002	89644	0.5121	
28 3 & 4 Methylphenol	108	7.153	7.159	-0.006	47993	0.5113	
30 Acetophenone	105	7.153	7.159	-0.006	68737	0.5048	
29 N-Nitrosodi-n-propylamine	70	7.157	7.164	-0.007	35479	0.5104	
31 Hexachloroethane	117	7.244	7.245	-0.001	23866	0.5130	
32 Nitrobenzene	77	7.306	7.308	-0.002	61885	0.5127	
33 Isophorone	82	7.513	7.520	-0.007	87917	0.4765	
34 2-Nitrophenol	139	7.585	7.587	-0.002	25169	0.4806	
35 2,4-Dimethylphenol	107	7.619	7.621	-0.002	48493	0.4849	
37 Bis(2-chloroethoxy)methane	93	7.701	7.702	-0.001	55366	0.4896	
36 Benzoic acid	105	7.657	7.731	-0.074	5875	0.4960	
38 2,4-Dichlorophenol	162	7.792	7.794	-0.002	39573	0.4709	
39 1,2,4-Trichlorobenzene	180	7.869	7.871	-0.002	50706	0.4976	
41 Naphthalene	128	7.936	7.938	-0.002	165097	0.4897	
40 Alpha-Terpineol	59	7.936	7.943	-0.007	45404	0.4786	
42 4-Chloroaniline	127	7.980	7.981	-0.001	58519	0.4711	
43 Hexachlorobutadiene	225	8.042	8.044	-0.002	25858	0.4876	
44 Caprolactam	55	8.244	8.275	-0.031	17861	0.4109	
45 4-Chloro-3-methylphenol	107	8.379	8.390	-0.011	43902	0.5065	
46 2-Methylnaphthalene	142	8.523	8.525	-0.002	112153	0.4957	
47 1-Methylnaphthalene	142	8.610	8.611	-0.001	107028	0.4961	
48 Hexachlorocyclopentadiene	237	8.658	8.659	-0.001	15736	0.4371	
49 1,2,4,5-Tetrachlorobenzene	216	8.667	8.669	-0.002	43545	0.5017	
50 2,4,6-Trichlorophenol	196	8.759	8.760	-0.001	25390	0.4736	
51 2,4,5-Trichlorophenol	196	8.788	8.794	-0.006	25938	0.4634	
52 1,1'-Biphenyl	154	8.913	8.919	-0.006	127571	0.4915	
53 2-Chloronaphthalene	162	8.937	8.938	-0.001	122216	0.5085	
54 Phenyl ether	170	8.999	9.001	-0.002	66930	0.4988	
68 4-Nitroaniline	138	9.014	9.020	-0.006	27236	0.4338	
56 Dimethyl phthalate	163	9.158	9.164	-0.006	108617	0.4775	
57 2,6-Dinitrotoluene	165	9.216	9.217	-0.001	24178	0.4990	
58 Acenaphthylene	152	9.283	9.289	-0.006	152064	0.4884	
59 3-Nitroaniline	138	9.355	9.361	-0.006	22624	0.4543	
61 Acenaphthene	153	9.427	9.433	-0.006	105583	0.5024	
60 2,4-Dinitrophenol	184	9.446	9.448	-0.002	3668	0.5036	
62 4-Nitrophenol	109	9.480	9.486	-0.006	13223	0.4733	
63 2,4-Dinitrotoluene	165	9.552	9.554	-0.002	26802	0.4525	
64 Dibenzofuran	168	9.571	9.573	-0.002	135648	0.4867	
65 2,3,4,6-Tetrachlorophenol	232	9.672	9.674	-0.002	17511	0.4474	
66 Diethyl phthalate	149	9.745	9.746	-0.001	117879	0.4825	
67 4-Chlorophenyl phenyl ether	204	9.850	9.852	-0.002	50549	0.4931	
69 Fluorene	166	9.860	9.861	-0.001	112233	0.4859	
55 2-Nitroaniline	65	9.860	9.871	-0.011	30198	0.4828	
70 4,6-Dinitro-2-methylphenol	198	9.889	9.895	-0.006	8208	0.4432	
71 Diphenylamine	169	9.946	9.948	-0.002	91007	0.4687	
72 N-Nitrosodiphenylamine	169	9.946	9.948	-0.002	91007	0.4687	
73 1,2-Diphenylhydrazine	77	9.980	9.987	-0.006	180740	0.4743	
74 Azobenzene	77	9.980	9.987	-0.006	180740	0.4743	
13 Benzophenone	105	9.990	9.996	-0.006	102534	0.4843	
75 4-Bromophenyl phenyl ether	248	10.259	10.261	-0.002	26253	0.4875	
76 Hexachlorobenzene	284	10.322	10.323	-0.001	23870	0.4816	
77 Atrazine	200	10.379	10.386	-0.007	26621	0.4999	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.480	10.488	-0.008	5284	0.5025	
79 Pentachloronitrobenzene	237	10.495	10.496	-0.001	10492	0.4355	
80 Phenanthrene	178	10.658	10.665	-0.007	152905	0.4845	
81 Anthracene	178	10.701	10.708	-0.007	141600	0.4859	
83 Carbazole	167	10.831	10.833	-0.002	133566	0.5044	
84 Di-n-butyl phthalate	149	11.101	11.102	-0.001	173036	0.4610	
87 Fluoranthene	202	11.654	11.655	-0.001	136243	0.4784	
86 Benzidine	184	11.750	11.762	-0.012	12631	0.4555	
85 Pyrene	202	11.846	11.848	-0.002	153880	0.5148	
89 Butyl benzyl phthalate	149	12.413	12.415	-0.002	61480	0.4487	
91 3,3'-Dichlorobenzidine	252	13.072	13.079	-0.007	24765	0.4758	
93 Benzo[a]anthracene	228	13.115	13.127	-0.012	104207	0.4850	
92 Bis(2-ethylhexyl) phthalate	149	13.125	13.131	-0.006	123683	0.4475	
94 Chrysene	228	13.168	13.180	-0.012	104048	0.4916	
95 Di-n-octyl phthalate	149	14.294	14.290	0.004	82544	0.4542	
97 Benzo[b]fluoranthene	252	15.077	15.093	-0.016	90831	0.4955	
98 Benzo[k]fluoranthene	252	15.130	15.142	-0.012	82371	0.4790	
99 Benzo[a]pyrene	252	15.616	15.627	-0.011	63538	0.4586	
100 Indeno[1,2,3-cd]pyrene	276	17.131	17.142	-0.011	55803	0.4380	
101 Dibenz(a,h)anthracene	278	17.169	17.176	-0.007	44349	0.4487	
102 Benzo[g,h,i]perylene	276	17.540	17.551	-0.011	55285	0.4662	

Report Date: 05-Oct-2009 07:20:34 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10660.D

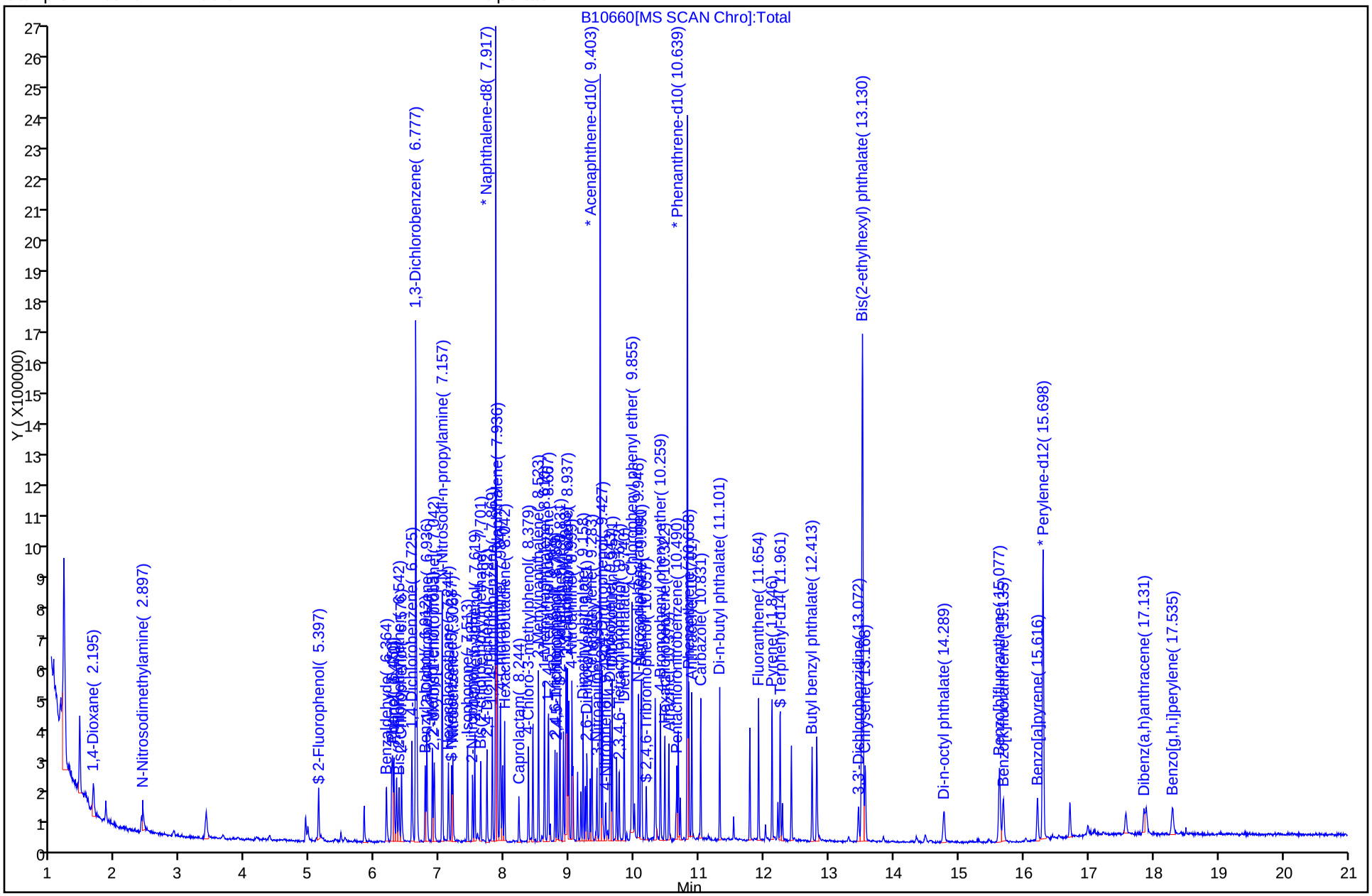
Inj Date: 30-Sep-2009 18:03:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 5

Client ID: Instrument: Inst. B

Sample Info: std05

Sample Amount: 1.00 ul Operator: MZ

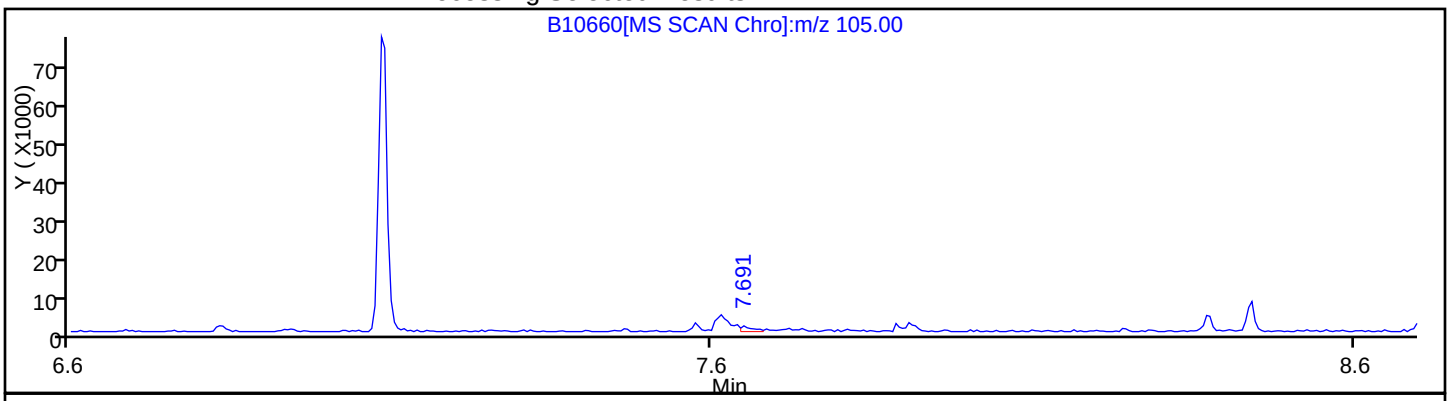


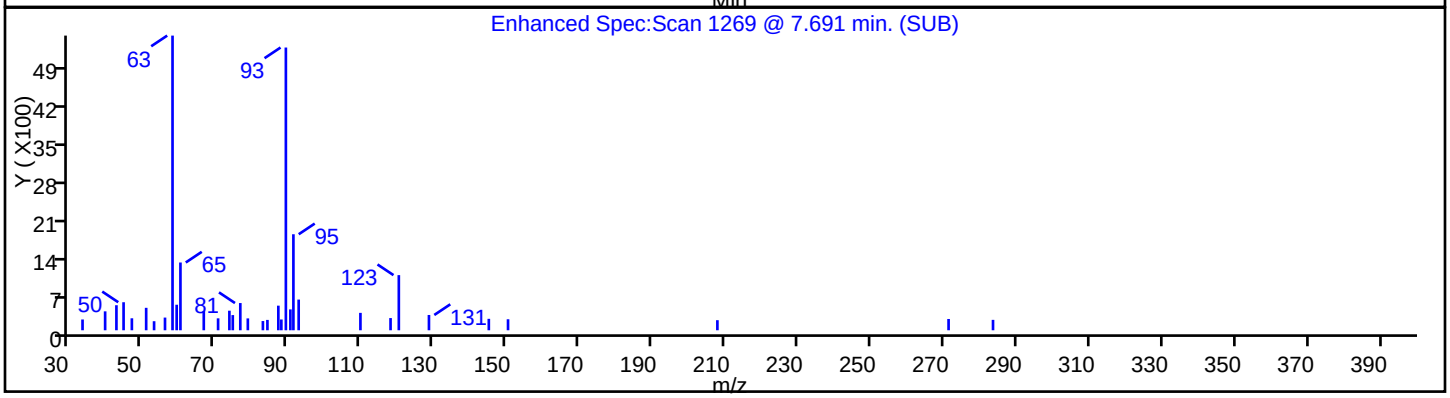
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10660.D		
Inj Date:	30-Sep-2009 18:03:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	5
Client ID:		Instrument:	Inst. B
Sample Info:	std05		
Sample Amount:	1.00 ul	Operator:	MZ

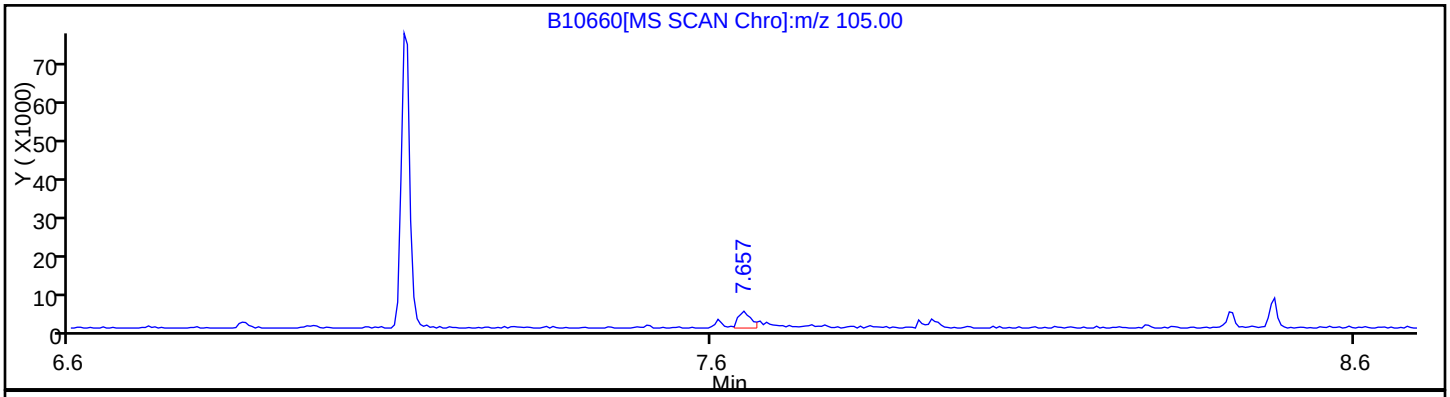
36 Benzoic acid

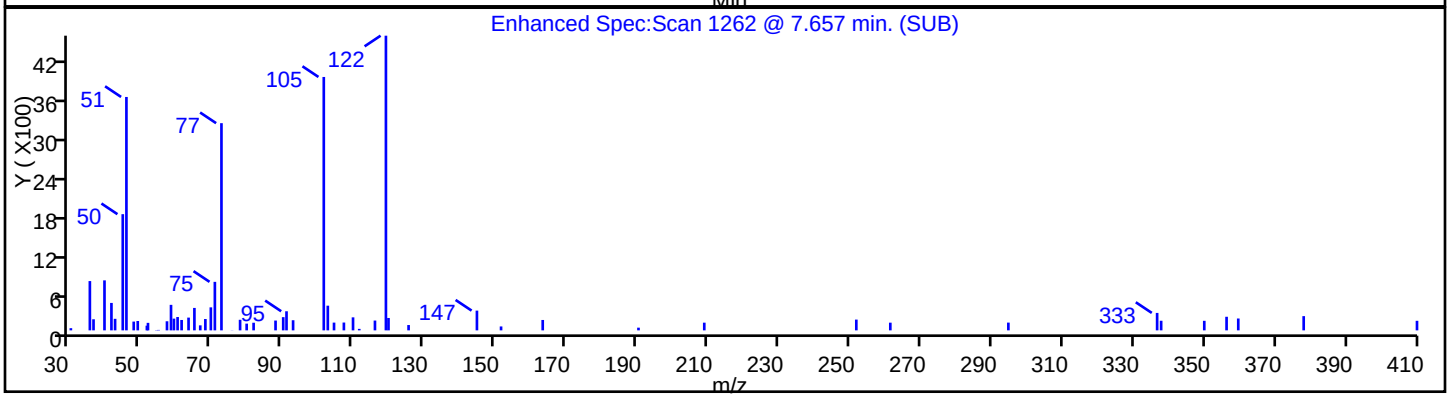
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 02-Oct-2009 16:26:37
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10661.D		
Lims ID:	std1	Client ID:	
Inject. Date:	30-Sep-2009 18:31:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	4
Sample ID:	std1		
Misc. Info.:	360-0001341-006		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	6
Lims Batch ID:	49705	Lims Sample ID:	6
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	30-Sep-2009 18:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:27:44
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:40

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.780	6.784	-0.004	498757	2.00	
* 2 Naphthalene-d8	136	7.920	7.919	0.001	1156356	2.00	
* 3 Acenaphthene-d10	164	9.401	9.405	-0.004	560865	2.00	
* 4 Phenanthrene-d10	188	10.642	10.645	-0.003	948814	2.00	
* 5 Chrysene-d12	240	13.133	13.136	-0.004	806088	2.00	
* 6 Perylene-d12	264	15.700	15.699	0.001	657809	2.00	
$ 7 2-Fluorophenol	112	5.405	5.404	0.001	124520	1.04	
$ 8 Phenol-d5	99	6.439	6.447	-0.008	159072	1.01	
$ 9 Nitrobenzene-d5	82	7.290	7.294	-0.004	162685	1.00	
$ 10 2-Fluorobiphenyl	172	8.829	8.832	-0.003	319031	0.9749	
$ 11 2,4,6-Tribromophenol	330	10.060	10.063	-0.003	23631	0.9379	
$ 12 Terphenyl-d14	244	11.959	11.963	-0.004	236917	0.9561	
14 1,4-Dioxane	88	2.404	2.403	0.001	55552	1.21	
15 N-Nitrosodimethylamine	42	2.899	2.894	0.005	106071	1.05	
16 Pyridine	79	2.914	2.898	0.016	114201	1.09	
17 Benzaldehyde	105	6.367	6.365	0.002	84764	1.00	
18 Phenol	94	6.453	6.457	-0.004	179850	1.03	
19 Aniline	93	6.472	6.476	-0.004	201640	1.04	
20 Bis(2-chloroethyl)ether	93	6.540	6.543	-0.003	125641	1.00	
21 2-Chlorophenol	128	6.578	6.582	-0.004	150850	1.03	
22 1,4-Dichlorobenzene	146	6.727	6.726	0.001	174785	0.9766	
23 1,3-Dichlorobenzene	146	6.795	6.798	-0.004	182585	0.9820	
24 Benzyl alcohol	79	6.915	6.918	-0.003	119343	1.09	
25 1,2-Dichlorobenzene	146	6.939	6.938	0.001	171594	1.00	
26 2-Methylphenol	108	7.016	7.019	-0.003	127160	0.99	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.045	7.044	0.001	242948	0.9825	
28 3 & 4 Methylphenol	108	7.155	7.159	-0.004	137286	1.04	
30 Acetophenone	105	7.155	7.159	-0.004	194791	1.01	
29 N-Nitrosodi-n-propylamine	70	7.155	7.164	-0.009	99389	1.01	
31 Hexachloroethane	117	7.242	7.245	-0.003	69105	1.05	
32 Nitrobenzene	77	7.304	7.308	-0.004	161947	1.00	
33 Isophorone	82	7.516	7.520	-0.004	259456	1.05	
34 2-Nitrophenol	139	7.588	7.587	0.001	74669	1.06	
35 2,4-Dimethylphenol	107	7.617	7.621	-0.004	142149	1.06	
37 Bis(2-chloroethoxy)methane	93	7.703	7.702	0.001	146527	0.9639	
36 Benzoic acid	105	7.665	7.731	-0.066	24566	1.00	
38 2,4-Dichlorophenol	162	7.790	7.794	-0.004	116023	1.03	
39 1,2,4-Trichlorobenzene	180	7.867	7.871	-0.004	137576	1.00	
41 Naphthalene	128	7.934	7.938	-0.004	446727	0.9858	
40 Alpha-Terpineol	59	7.939	7.943	-0.004	128144	1.00	
42 4-Chloroaniline	127	7.977	7.981	-0.004	166780	1.00	
43 Hexachlorobutadiene	225	8.045	8.044	0.001	72294	1.01	
44 Caprolactam	55	8.252	8.275	-0.023	60589	0.9576	
45 4-Chloro-3-methylphenol	107	8.381	8.390	-0.009	122930	1.06	
46 2-Methylnaphthalene	142	8.526	8.525	0.001	293697	0.9657	
47 1-Methylnaphthalene	142	8.607	8.611	-0.004	289503	1.00	
48 Hexachlorocyclopentadiene	237	8.660	8.659	0.001	53723	1.05	
49 1,2,4,5-Tetrachlorobenzene	216	8.665	8.669	-0.004	115718	0.99	
50 2,4,6-Trichlorophenol	196	8.761	8.760	0.001	72005	0.99	
51 2,4,5-Trichlorophenol	196	8.785	8.794	-0.009	79765	1.05	
52 1,1'-Biphenyl	154	8.915	8.919	-0.004	343246	0.9766	
53 2-Chloronaphthalene	162	8.934	8.938	-0.004	313947	0.9647	
54 Phenyl ether	170	9.002	9.001	0.001	178811	0.99	
68 4-Nitroaniline	138	9.016	9.020	-0.004	90862	0.9751	
56 Dimethyl phthalate	163	9.160	9.164	-0.004	300811	0.9766	
57 2,6-Dinitrotoluene	165	9.213	9.217	-0.004	71716	1.09	
58 Acenaphthylene	152	9.285	9.289	-0.004	425049	1.01	
59 3-Nitroaniline	138	9.353	9.361	-0.008	71256	1.01	
61 Acenaphthene	153	9.430	9.433	-0.003	287934	1.01	
60 2,4-Dinitrophenol	184	9.444	9.448	-0.004	18133	0.99	
62 4-Nitrophenol	109	9.478	9.486	-0.008	43343	0.9853	
63 2,4-Dinitrotoluene	165	9.550	9.554	-0.004	87586	1.03	
64 Dibenzofuran	168	9.569	9.573	-0.004	375366	0.99	
65 2,3,4,6-Tetrachlorophenol	232	9.670	9.674	-0.004	56593	1.02	
66 Diethyl phthalate	149	9.742	9.746	-0.004	315358	0.9533	
67 4-Chlorophenyl phenyl ether	204	9.848	9.852	-0.004	136530	0.9836	
69 Fluorene	166	9.858	9.861	-0.003	314343	1.00	
55 2-Nitroaniline	65	9.863	9.871	-0.008	91428	1.04	
70 4,6-Dinitro-2-methylphenol	198	9.891	9.895	-0.004	34041	1.00	
71 Diphenylamine	169	9.944	9.948	-0.004	266984	1.02	
72 N-Nitrosodiphenylamine	169	9.944	9.948	-0.004	266984	1.02	
73 1,2-Diphenylhydrazine	77	9.983	9.987	-0.003	532423	1.04	
74 Azobenzene	77	9.983	9.987	-0.003	532423	1.04	
13 Benzophenone	105	9.992	9.996	-0.004	292886	1.03	
75 4-Bromophenyl phenyl ether	248	10.257	10.261	-0.004	70021	0.9642	
76 Hexachlorobenzene	284	10.319	10.323	-0.004	67014	1.00	
77 Atrazine	200	10.377	10.386	-0.009	75082	1.00	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.478	10.488	-0.010	25244	0.99	
79 Pentachloronitrobenzene	237	10.492	10.496	-0.004	35094	1.00	
80 Phenanthrene	178	10.661	10.665	-0.004	419272	0.9851	
81 Anthracene	178	10.704	10.708	-0.004	407088	1.04	
83 Carbazole	167	10.829	10.833	-0.004	372784	1.04	
84 Di-n-butyl phthalate	149	11.098	11.102	-0.004	511960	1.01	
87 Fluoranthene	202	11.651	11.655	-0.004	383813	1.00	
86 Benzidine	184	11.752	11.762	-0.010	50828	0.9204	
85 Pyrene	202	11.844	11.848	-0.004	415140	0.9518	
89 Butyl benzyl phthalate	149	12.416	12.415	0.001	200803	0.9351	
91 3,3'-Dichlorobenzidine	252	13.075	13.079	-0.004	88934	1.10	
93 Benzo[a]anthracene	228	13.118	13.127	-0.009	317745	1.01	
92 Bis(2-ethylhexyl) phthalate	149	13.128	13.131	-0.003	405566	1.01	
94 Chrysene	228	13.171	13.180	-0.009	306507	0.99	
95 Di-n-octyl phthalate	149	14.287	14.290	-0.003	349756	0.8778	
97 Benzo[b]fluoranthene	252	15.080	15.093	-0.013	294597	0.9834	
98 Benzo[k]fluoranthene	252	15.133	15.142	-0.009	276097	1.04	
99 Benzo[a]pyrene	252	15.619	15.627	-0.008	224946	1.05	
100 Indeno[1,2,3-cd]pyrene	276	17.138	17.142	-0.004	196643	1.00	
101 Dibenz(a,h)anthracene	278	17.167	17.176	-0.009	148877	0.9767	
102 Benzo[g,h,i]perylene	276	17.542	17.551	-0.009	180689	0.9881	

Report Date: 05-Oct-2009 07:20:41 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10661.D

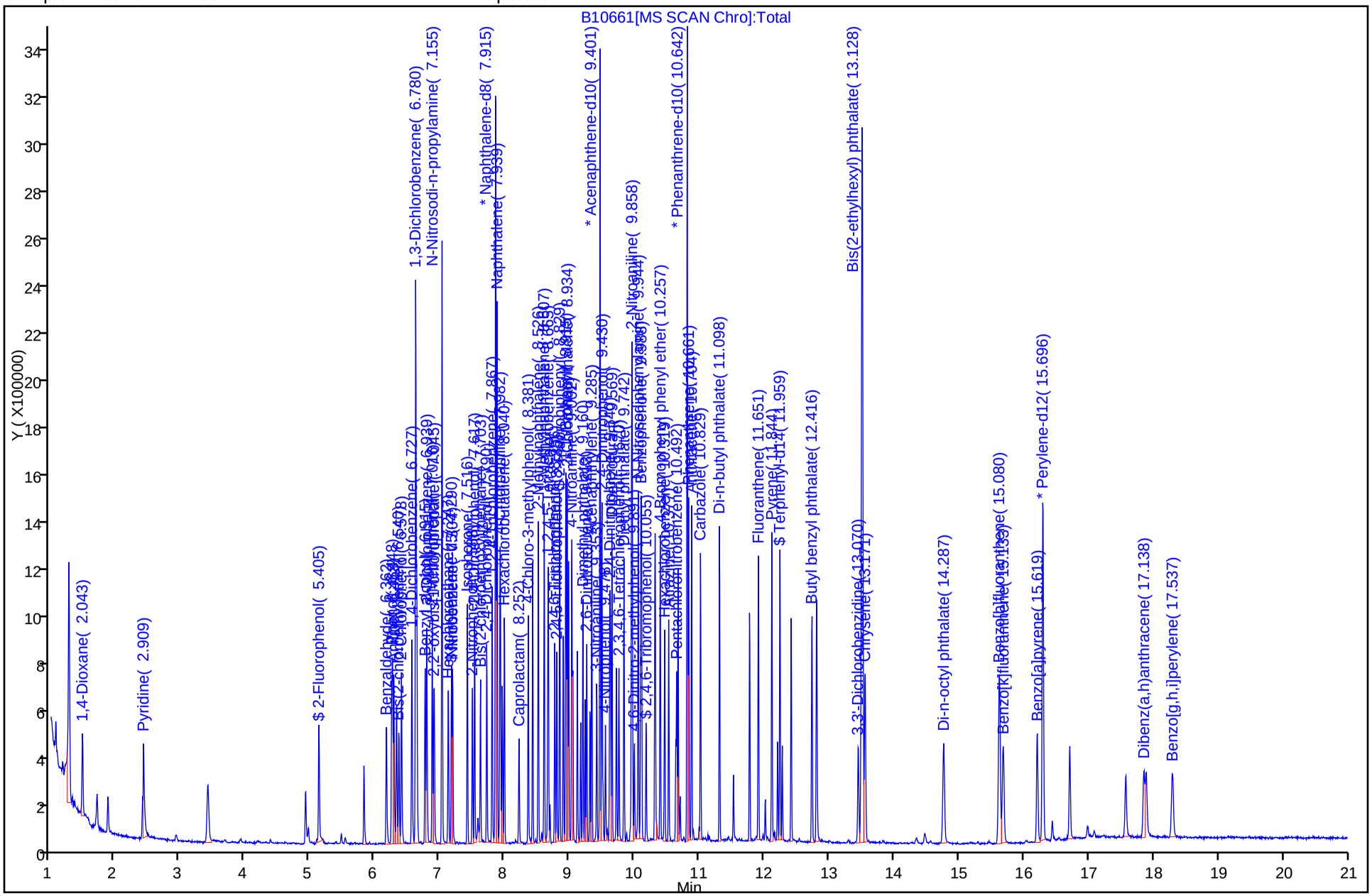
Inj Date: 30-Sep-2009 18:31:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 6

Client ID: Instrument: Inst. B

Sample Info: std1

Sample Amount: 1.00 ul Operator: MZ

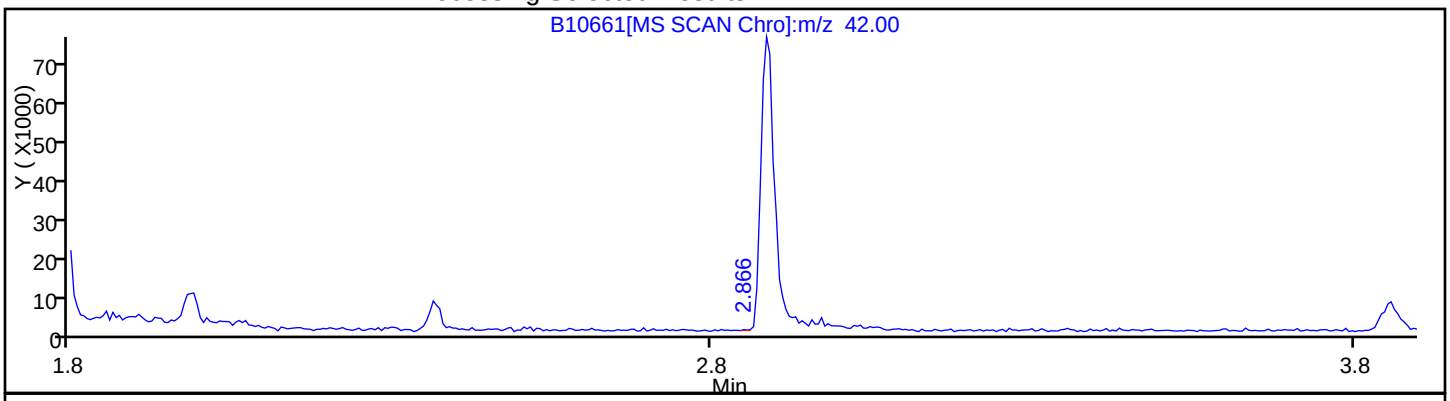


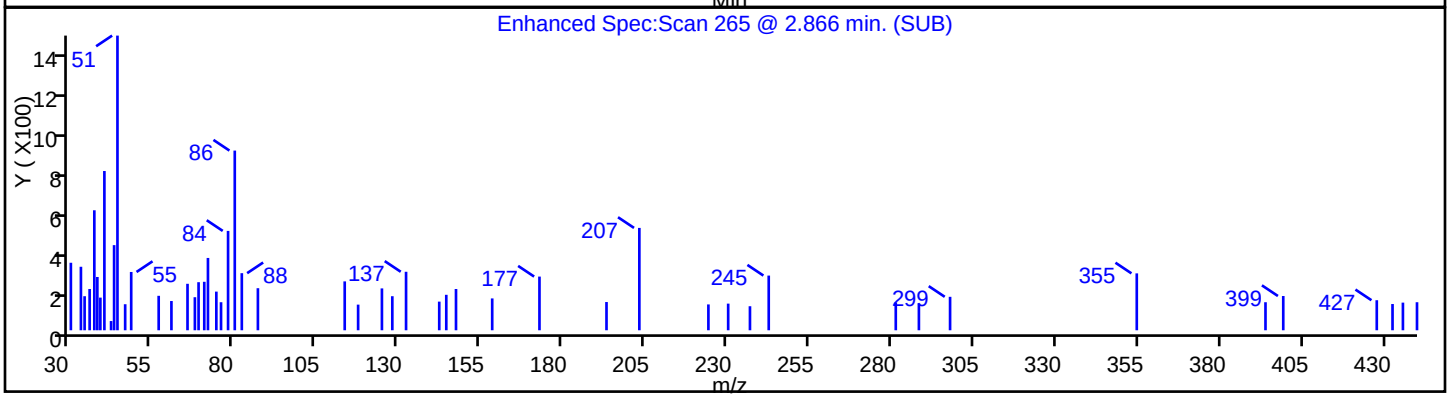
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10661.D		
Inj Date:	30-Sep-2009 18:31:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	6
Client ID:		Instrument:	Inst. B
Sample Info:	std1		
Sample Amount:	1.00 ul	Operator:	MZ

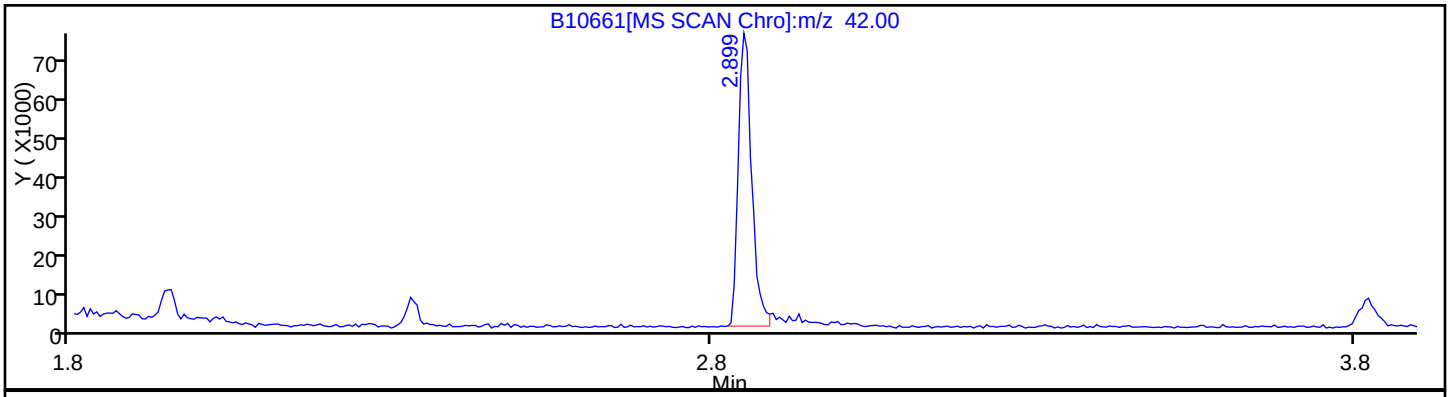
15 N-Nitrosodimethylamine

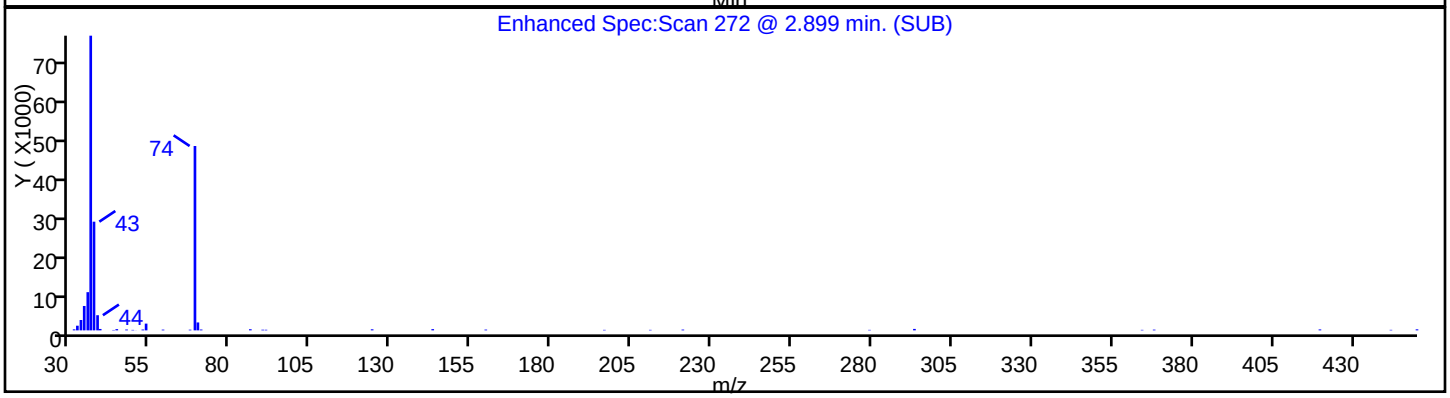
Processing Selected Results





Manual Selected Results





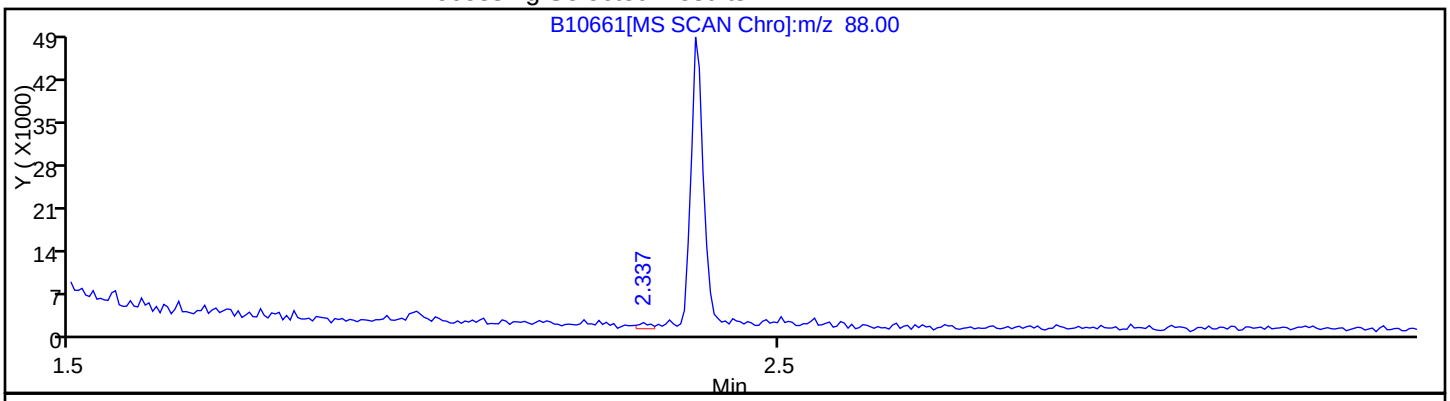
Reviewer: sullivanp, 02-Oct-2009 16:27:44
Audit Action: Selected Alternate Hit
Audit Reason:

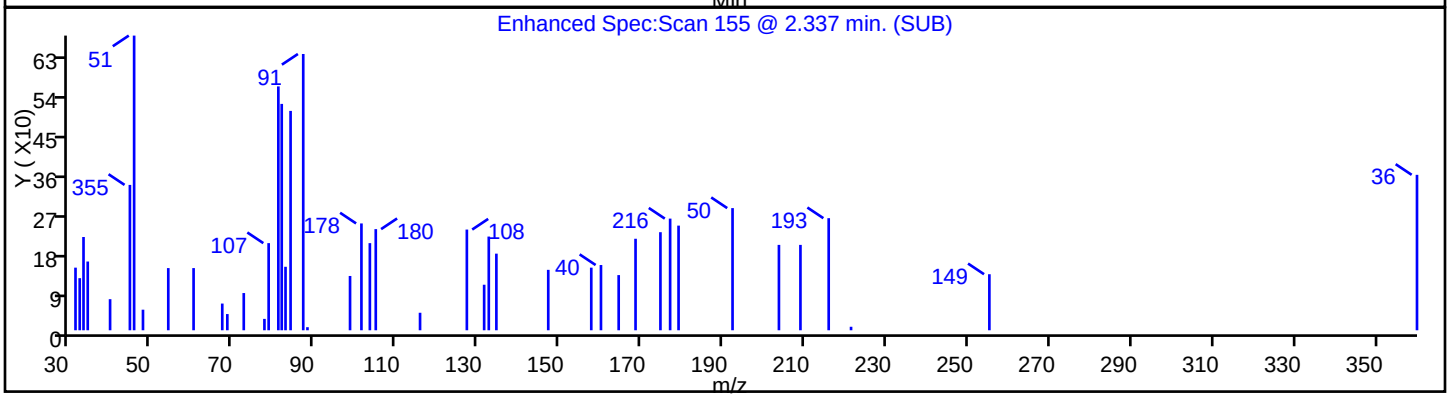
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10661.D		
Inj Date:	30-Sep-2009 18:31:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	6
Client ID:		Instrument:	Inst. B
Sample Info:	std1		
Sample Amount:	1.00 ul	Operator:	MZ

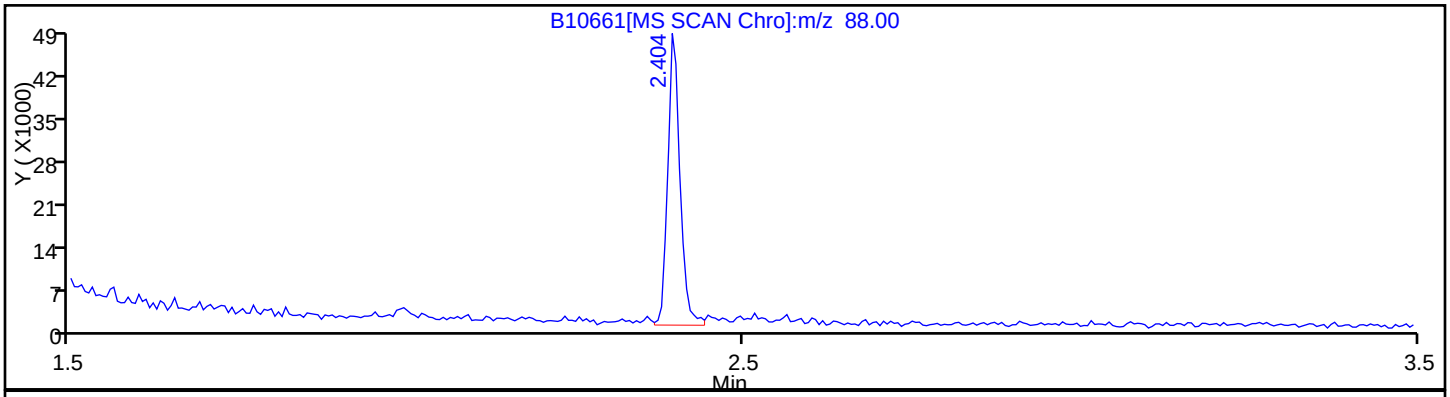
14 1,4-Dioxane

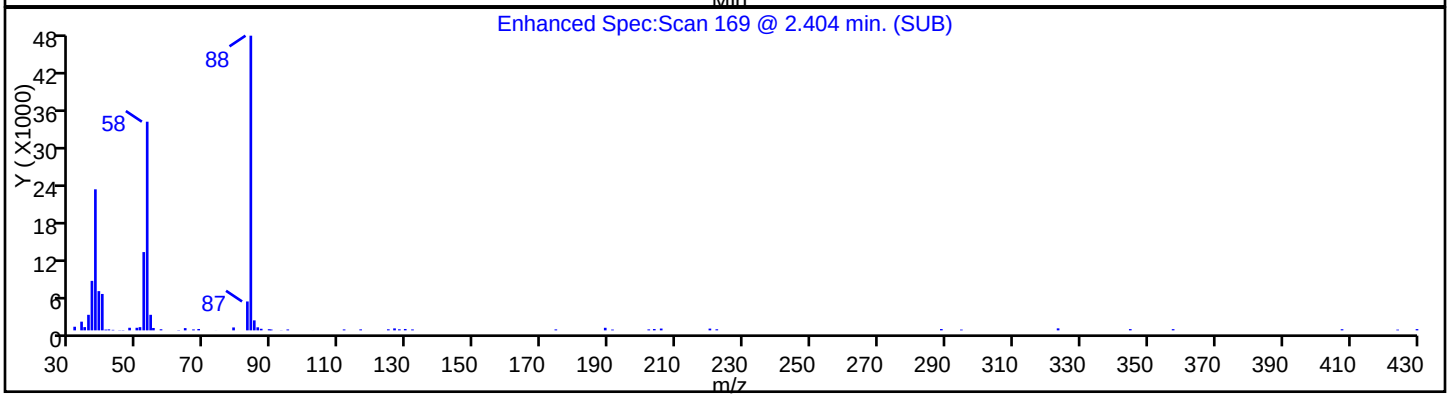
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 02-Oct-2009 16:27:44
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D		
Lims ID:	std25	Client ID:	
Inject. Date:	30-Sep-2009 18:59:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	5
Sample ID:	std25		
Misc. Info.:	360-0001341-007		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	7
Lims Batch ID:	49705	Lims Sample ID:	7
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:20:49	Calib Date:	30-Sep-2009 18:31:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10661.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:28:30
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:20:57

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.777	6.777	0.000	396444	2.00	
* 2 Naphthalene-d8	136	7.917	7.917	0.000	868895	2.00	
* 3 Acenaphthene-d10	164	9.403	9.403	0.000	419073	2.00	
* 4 Phenanthrene-d10	188	10.644	10.644	0.000	723334	2.00	
* 5 Chrysene-d12	240	13.135	13.135	0.000	597071	2.00	
* 6 Perylene-d12	264	15.698	15.698	0.000	458873	2.00	
$ 7 2-Fluorophenol	112	5.392	5.392	0.000	236589	2.49	
$ 8 Phenol-d5	99	6.436	6.436	0.000	307522	2.45	
$ 9 Nitrobenzene-d5	82	7.287	7.287	0.000	324891	2.66	
$ 10 2-Fluorobiphenyl	172	8.831	8.831	0.000	615945	2.52	
$ 11 2,4,6-Tribromophenol	330	10.062	10.062	0.000	52480	2.73	
$ 12 Terphenyl-d14	244	11.961	11.961	0.000	466220	2.54	
14 1,4-Dioxane	88	2.363	2.363	0.000	85962	2.59	
15 N-Nitrosodimethylamine	42	2.873	2.873	0.000	197660	2.47	
16 Pyridine	79	2.868	2.868	0.000	220507	2.51	
17 Benzaldehyde	105	6.359	6.359	0.000	165624	2.46	
18 Phenol	94	6.450	6.450	0.000	349478	2.52	
19 Aniline	93	6.470	6.470	0.000	382853	2.48	
20 Bis(2-chloroethyl)ether	93	6.542	6.542	0.000	243687	2.43	
21 2-Chlorophenol	128	6.575	6.575	0.000	284445	2.45	
22 1,4-Dichlorobenzene	146	6.725	6.725	0.000	336959	2.37	
23 1,3-Dichlorobenzene	146	6.797	6.797	0.000	354222	2.40	
24 Benzyl alcohol	79	6.912	6.912	0.000	236813	2.73	
25 1,2-Dichlorobenzene	146	6.936	6.936	0.000	319942	2.35	
26 2-Methylphenol	108	7.013	7.013	0.000	249943	2.45	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.042	7.044	-0.002	460778	2.34	
28 3 & 4 Methylphenol	108	7.153	7.153	0.000	273999	2.60	
30 Acetophenone	105	7.153	7.153	0.000	398070	2.60	
29 N-Nitrosodi-n-propylamine	70	7.157	7.157	0.000	202747	2.60	
31 Hexachloroethane	117	7.244	7.244	0.000	131874	2.52	
32 Nitrobenzene	77	7.306	7.306	0.000	314162	2.58	
33 Isophorone	82	7.518	7.518	0.000	514637	2.76	
34 2-Nitrophenol	139	7.585	7.585	0.000	147319	2.78	
35 2,4-Dimethylphenol	107	7.619	7.619	0.000	266703	2.64	
37 Bis(2-chloroethoxy)methane	93	7.701	7.701	0.000	290453	2.54	
36 Benzoic acid	105	7.677	7.702	-0.025	70946	2.50	
38 2,4-Dichlorophenol	162	7.792	7.792	0.000	230986	2.72	
39 1,2,4-Trichlorobenzene	180	7.869	7.869	0.000	258866	2.52	
41 Naphthalene	128	7.936	7.936	0.000	848369	2.49	
40 Alpha-Terpineol	59	7.941	7.941	0.000	264267	2.76	
42 4-Chloroaniline	127	7.980	7.980	0.000	334563	2.67	
43 Hexachlorobutadiene	225	8.042	8.042	0.000	134929	2.52	
44 Caprolactam	55	8.259	8.259	0.000	125366	2.55	
45 4-Chloro-3-methylphenol	107	8.384	8.384	0.000	239980	2.74	
46 2-Methylnaphthalene	142	8.523	8.523	0.000	568097	2.49	
47 1-Methylnaphthalene	142	8.610	8.610	0.000	543456	2.49	
48 Hexachlorocyclopentadiene	237	8.658	8.658	0.000	102092	2.61	
49 1,2,4,5-Tetrachlorobenzene	216	8.667	8.667	0.000	217439	2.48	
50 2,4,6-Trichlorophenol	196	8.759	8.759	0.000	149851	2.76	
51 2,4,5-Trichlorophenol	196	8.787	8.787	0.000	160763	2.84	
52 1,1'-Biphenyl	154	8.917	8.917	0.000	640196	2.44	
53 2-Chloronaphthalene	162	8.937	8.937	0.000	611896	2.52	
54 Phenyl ether	170	8.999	8.999	0.000	349355	2.58	
68 4-Nitroaniline	138	9.018	9.018	0.000	180084	2.48	
56 Dimethyl phthalate	163	9.163	9.163	0.000	578514	2.51	
57 2,6-Dinitrotoluene	165	9.215	9.215	0.000	138821	2.83	
58 Acenaphthylene	152	9.283	9.283	0.000	829955	2.63	
59 3-Nitroaniline	138	9.355	9.355	0.000	144671	2.68	
61 Acenaphthene	153	9.432	9.432	0.000	528657	2.49	
60 2,4-Dinitrophenol	184	9.446	9.446	0.000	41689	2.40	
62 4-Nitrophenol	109	9.480	9.480	0.000	87267	2.46	
63 2,4-Dinitrotoluene	165	9.552	9.552	0.000	168226	2.58	
64 Dibenzofuran	168	9.571	9.571	0.000	706468	2.51	
65 2,3,4,6-Tetrachlorophenol	232	9.672	9.672	0.000	114474	2.69	
66 Diethyl phthalate	149	9.744	9.744	0.000	609317	2.47	
67 4-Chlorophenyl phenyl ether	204	9.850	9.850	0.000	264998	2.56	
69 Fluorene	166	9.860	9.860	0.000	598621	2.56	
55 2-Nitroaniline	65	9.865	9.865	0.000	180349	2.68	
70 4,6-Dinitro-2-methylphenol	198	9.894	9.894	0.000	68289	2.33	
71 Diphenylamine	169	9.946	9.946	0.000	506097	2.54	
72 N-Nitrosodiphenylamine	169	9.946	9.946	0.000	506097	2.54	
73 1,2-Diphenylhydrazine	77	9.985	9.987	-0.001	1033684	2.64	
74 Azobenzene	77	9.985	9.987	-0.001	1033684	2.64	
13 Benzophenone	105	9.995	9.995	0.000	572057	2.63	
75 4-Bromophenyl phenyl ether	248	10.259	10.259	0.000	138329	2.50	
76 Hexachlorobenzene	284	10.322	10.322	0.000	130789	2.57	
77 Atrazine	200	10.379	10.379	0.000	144276	2.46	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.480	10.487	-0.007	60937	2.47	
79 Pentachloronitrobenzene	237	10.495	10.495	0.000	66458	2.39	
80 Phenanthrene	178	10.663	10.663	0.000	793888	2.45	
81 Anthracene	178	10.706	10.706	0.000	787546	2.63	
83 Carbazole	167	10.831	10.831	0.000	695850	2.56	
84 Di-n-butyl phthalate	149	11.101	11.101	0.000	979212	2.54	
87 Fluoranthene	202	11.654	11.654	0.000	757771	2.59	
86 Benzidine	184	11.755	11.766	-0.011	129943	2.57	
85 Pyrene	202	11.846	11.846	0.000	805110	2.49	
89 Butyl benzyl phthalate	149	12.413	12.413	0.000	404763	2.45	
91 3,3'-Dichlorobenzidine	252	13.077	13.077	0.000	162956	2.63	
93 Benzo[a]anthracene	228	13.120	13.120	0.000	596156	2.57	
92 Bis(2-ethylhexyl) phthalate	149	13.125	13.125	0.000	716195	2.40	
94 Chrysene	228	13.173	13.173	0.000	562748	2.46	
95 Di-n-octyl phthalate	149	14.289	14.289	0.000	797489	2.39	
97 Benzo[b]fluoranthene	252	15.087	15.087	0.000	536238	2.48	
98 Benzo[k]fluoranthene	252	15.135	15.135	0.000	509860	2.76	
99 Benzo[a]pyrene	252	15.616	15.616	0.000	429536	2.88	
100 Indeno[1,2,3-cd]pyrene	276	17.136	17.136	0.000	381530	2.78	
101 Dibenz(a,h)anthracene	278	17.169	17.169	0.000	295080	2.78	
102 Benzo[g,h,i]perylene	276	17.540	17.540	0.000	332757	2.61	

Report Date: 05-Oct-2009 07:20:58 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10662.D

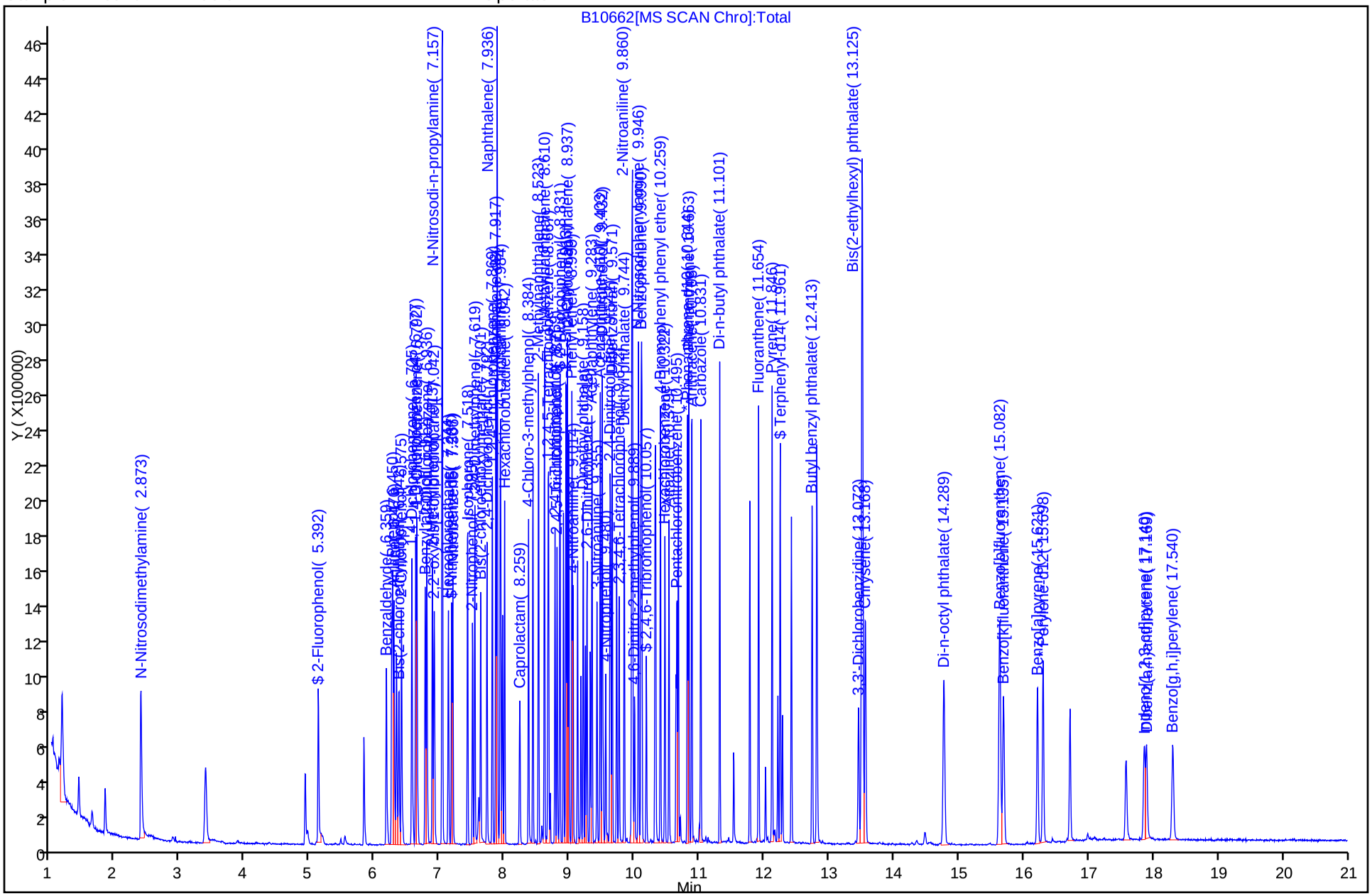
Inj Date: 30-Sep-2009 18:59:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 7

Client ID: Instrument: Inst. B

Sample Info: std25

Sample Amount: 1.00 ul Operator: MZ



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10663.D		
Lims ID:	std8	Client ID:	
Inject. Date:	01-Oct-2009 07:55:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	7
Sample ID:	std8		
Misc. Info.:	360-0001341-008		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	8
Lims Batch ID:	49705	Lims Sample ID:	8
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:29:51
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:21:04
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:43:53

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.781	6.784	-0.003	707256	2.00	
* 2 Naphthalene-d8	136	7.921	7.919	0.002	1307344	2.00	
* 3 Acenaphthene-d10	164	9.407	9.405	0.002	625047	2.00	
* 4 Phenanthrene-d10	188	10.643	10.645	-0.002	1068440	2.00	
* 5 Chrysene-d12	240	13.143	13.136	0.007	1049462	2.00	
* 6 Perylene-d12	264	15.702	15.699	0.003	673813	2.00	
$ 7 2-Fluorophenol	112	5.406	5.404	0.002	1210471	6.94	
$ 8 Phenol-d5	99	6.450	6.447	0.003	1544030	6.62	
$ 9 Nitrobenzene-d5	82	7.296	7.294	0.002	1589230	8.40	
$ 10 2-Fluorobiphenyl	172	8.830	8.832	-0.002	3020023	8.25	
$ 11 2,4,6-Tribromophenol	330	10.066	10.063	0.003	293565	7.70	
$ 12 Terphenyl-d14	244	11.965	11.963	0.002	2480744	7.79	
14 1,4-Dioxane	88	2.405	2.403	0.002	417526	6.96	
15 N-Nitrosodimethylamine	42	2.906	2.894	0.012	1007121	6.85	
16 Pyridine	79	2.901	2.898	0.003	1134184	6.98	
17 Benzaldehyde	105	6.368	6.365	0.003	776205	6.67	
18 Phenol	94	6.459	6.457	0.002	1734662	6.95	
19 Aniline	93	6.474	6.476	-0.002	1938968	6.67	
20 Bis(2-chloroethyl)ether	93	6.546	6.543	0.003	1189678	6.48	
21 2-Chlorophenol	128	6.584	6.582	0.002	1385468	6.53	
22 1,4-Dichlorobenzene	146	6.729	6.726	0.003	1636833	6.35	
23 1,3-Dichlorobenzene	146	6.801	6.798	0.003	1703551	6.36	
24 Benzyl alcohol	79	6.921	6.918	0.003	1265321	7.03	
25 1,2-Dichlorobenzene	146	6.940	6.938	0.002	1577916	6.38	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
26 2-Methylphenol	108	7.022	7.019	0.003	1216671	6.47	
27 2,2'-oxybis[1-chloropropane]	45	7.046	7.044	0.002	2199425	6.26	
28 3 & 4 Methylphenol	108	7.161	7.159	0.002	1493643	7.59	
30 Acetophenone	105	7.161	7.159	0.002	2082525	7.40	
29 N-Nitrosodi-n-propylamine	70	7.166	7.164	0.002	1125350	7.71	
31 Hexachloroethane	117	7.243	7.245	-0.002	673225	6.83	
32 Nitrobenzene	77	7.310	7.308	0.002	1584064	8.40	
33 Isophorone	82	7.522	7.520	0.002	2591325	8.80	
34 2-Nitrophenol	139	7.589	7.587	0.002	762334	8.93	
35 2,4-Dimethylphenol	107	7.623	7.621	0.002	1208147	7.82	
36 Benzoic acid	105	7.729	7.702	0.027	873363	8.34	M
37 Bis(2-chloroethoxy)methane	93	7.705	7.702	0.003	1449902	8.23	
38 2,4-Dichlorophenol	162	7.796	7.794	0.002	1149633	8.60	
39 1,2,4-Trichlorobenzene	180	7.873	7.871	0.002	1281488	8.13	
41 Naphthalene	128	7.940	7.938	0.002	4142231	8.21	
40 Alpha-Terpineol	59	7.945	7.943	0.002	1426960	9.20	
42 4-Chloroaniline	127	7.984	7.981	0.003	1711615	8.60	
43 Hexachlorobutadiene	225	8.046	8.044	0.002	701222	8.34	
44 Caprolactam	55	8.291	8.275	0.016	629263	8.30	
45 4-Chloro-3-methylphenol	107	8.392	8.390	0.002	1270333	8.98	
46 2-Methylnaphthalene	142	8.527	8.525	0.002	2769832	8.05	
47 1-Methylnaphthalene	142	8.614	8.611	0.003	2721078	8.24	
48 Hexachlorocyclopentadiene	237	8.662	8.659	0.003	602660	8.28	
49 1,2,4,5-Tetrachlorobenzene	216	8.671	8.669	0.002	1122985	8.26	
50 2,4,6-Trichlorophenol	196	8.763	8.760	0.003	768262	8.91	
51 2,4,5-Trichlorophenol	196	8.796	8.794	0.002	813352	8.99	
52 1,1'-Biphenyl	154	8.921	8.919	0.002	3184358	8.17	
53 2-Chloronaphthalene	162	8.941	8.938	0.003	3117069	8.40	
54 Phenyl ether	170	9.003	9.001	0.002	1718689	8.24	
68 4-Nitroaniline	138	9.022	9.020	0.002	929387	8.08	
56 Dimethyl phthalate	163	9.167	9.164	0.003	2909088	8.36	
57 2,6-Dinitrotoluene	165	9.219	9.217	0.002	673123	8.74	
58 Acenaphthylene	152	9.287	9.289	-0.002	3966807	8.41	
59 3-Nitroaniline	138	9.364	9.361	0.003	693541	8.94	
61 Acenaphthene	153	9.436	9.433	0.003	2710033	8.39	
60 2,4-Dinitrophenol	184	9.450	9.448	0.002	345432	8.14	
62 4-Nitrophenol	109	9.489	9.486	0.003	515679	8.57	
63 2,4-Dinitrotoluene	165	9.561	9.554	0.007	914934	8.65	
64 Dibenzofuran	168	9.575	9.573	0.002	3487848	8.28	
65 2,3,4,6-Tetrachlorophenol	232	9.676	9.674	0.002	596364	7.96	
66 Diethyl phthalate	149	9.748	9.746	0.002	3092312	8.31	
67 4-Chlorophenyl phenyl ether	204	9.854	9.852	0.002	1362697	8.41	
69 Fluorene	166	9.864	9.861	0.003	3131476	8.68	
55 2-Nitroaniline	65	9.873	9.871	0.002	811507	8.54	
70 4,6-Dinitro-2-methylphenol	198	9.898	9.895	0.003	458940	8.34	
71 Diphenylamine	169	9.950	9.948	0.002	2541124	8.44	
72 N-Nitrosodiphenylamine	169	9.950	9.948	0.002	2541124	8.44	
73 1,2-Diphenylhydrazine	77	9.984	9.987	-0.002	5178046	8.71	
74 Azobenzene	77	9.984	9.987	-0.002	5178046	8.72	
13 Benzophenone	105	9.999	9.996	0.002	2960187	8.80	
75 4-Bromophenyl phenyl ether	248	10.263	10.261	0.002	706864	8.29	
76 Hexachlorobenzene	284	10.326	10.323	0.003	654951	8.34	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
77 Atrazine	200	10.388	10.386	0.002	722119	9.01	
78 Pentachlorophenol	266	10.484	10.487	-0.003	410402	8.11	
79 Pentachloronitrobenzene	237	10.499	10.496	0.003	380466	8.14	
80 Phenanthrene	178	10.667	10.665	0.002	3935233	8.30	
81 Anthracene	178	10.710	10.708	0.002	3916496	8.72	
83 Carbazole	167	10.835	10.833	0.002	3237429	8.14	
84 Di-n-butyl phthalate	149	11.105	11.102	0.003	4736871	8.44	
87 Fluoranthene	202	11.658	11.655	0.003	3842930	8.73	
86 Benzidine	184	11.754	11.766	-0.012	917077	8.92	
85 Pyrene	202	11.850	11.848	0.002	4020384	7.47	
89 Butyl benzyl phthalate	149	12.417	12.415	0.002	2222873	8.65	
91 3,3'-Dichlorobenzidine	252	13.081	13.079	0.002	889107	8.16	
93 Benzo[a]anthracene	228	13.129	13.127	0.002	3413113	8.25	
92 Bis(2-ethylhexyl) phthalate	149	13.129	13.131	-0.002	3822670	7.62	
94 Chrysene	228	13.182	13.180	0.002	2991205	7.68	
95 Di-n-octyl phthalate	149	14.293	14.290	0.003	4646737	7.74	
97 Benzo[b]fluoranthene	252	15.105	15.093	0.012	2753940	8.20	
98 Benzo[k]fluoranthene	252	15.154	15.142	0.012	2581594	8.83	
99 Benzo[a]pyrene	252	15.625	15.627	-0.002	2267615	8.13	
100 Indeno[1,2,3-cd]pyrene	276	17.149	17.142	0.007	1848737	8.98	
101 Dibenz(a,h)anthracene	278	17.178	17.176	0.002	1500520	9.20	
102 Benzo[g,h,i]perylene	276	17.558	17.551	0.007	1501329	8.26	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Oct-2009 07:43:53 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10663.D

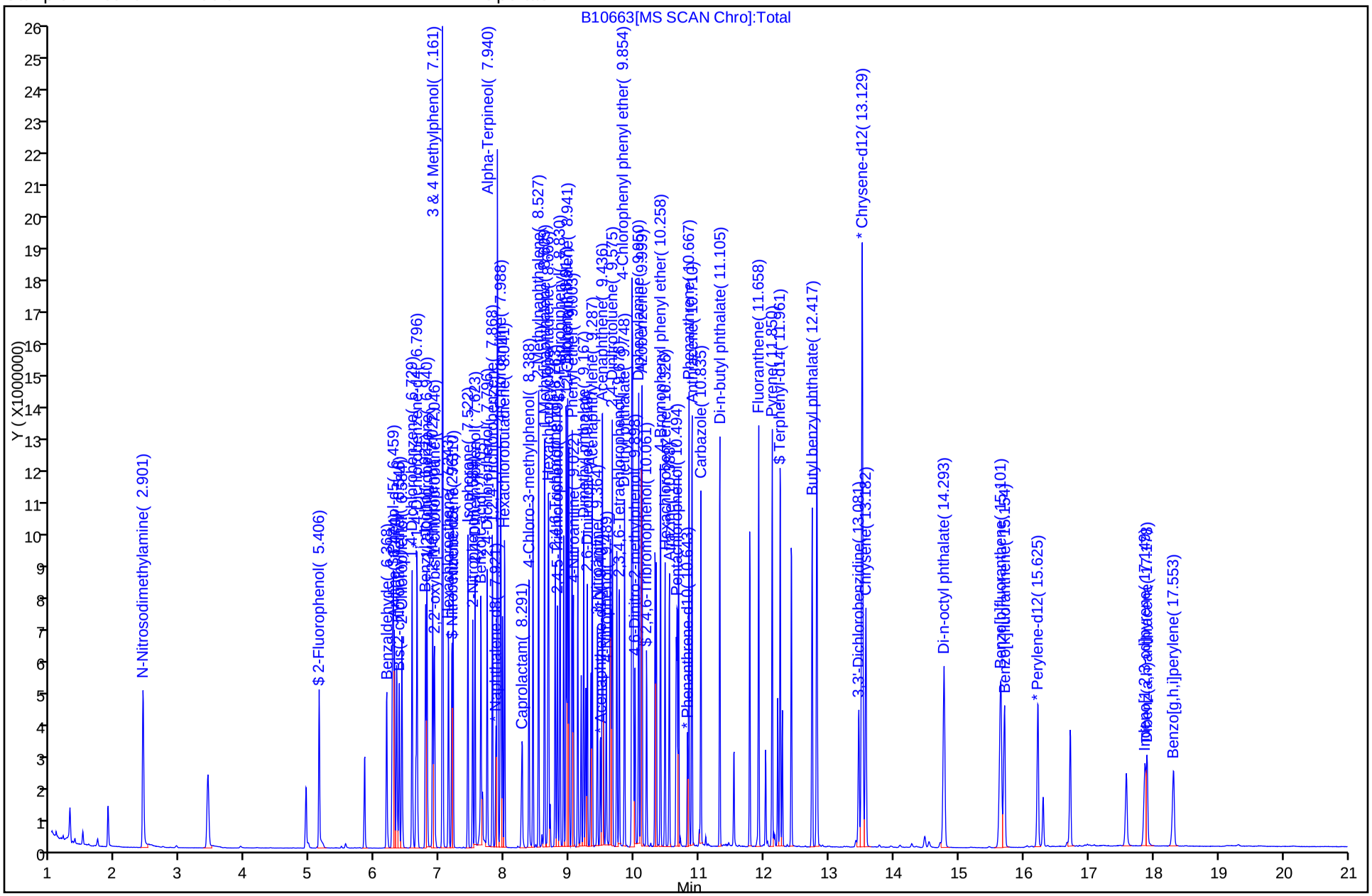
Inj Date: 01-Oct-2009 07:55:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 8

Client ID: Instrument: Inst. B

Sample Info: std8

Sample Amount: 1.00 ul Operator: MZ

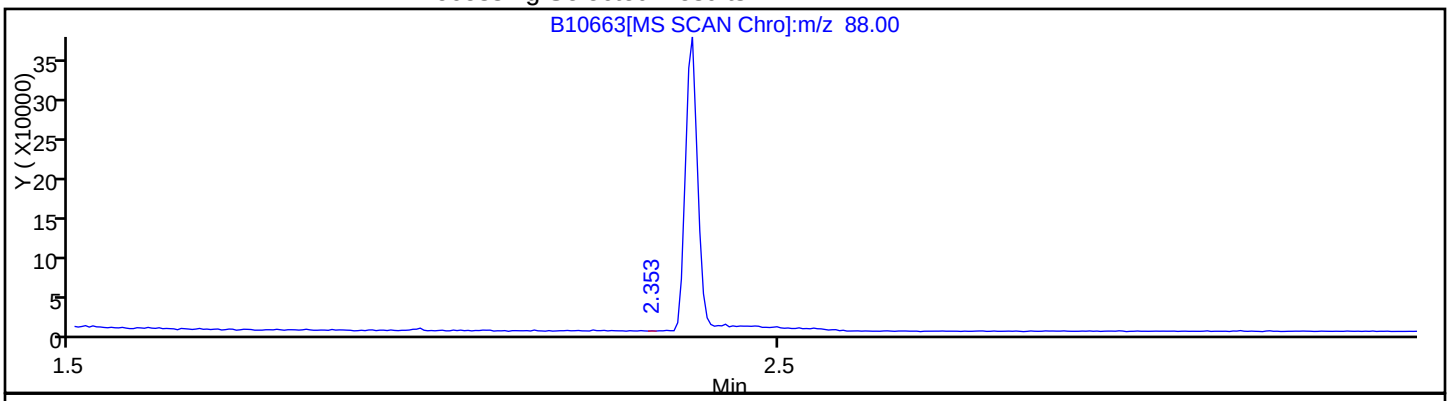


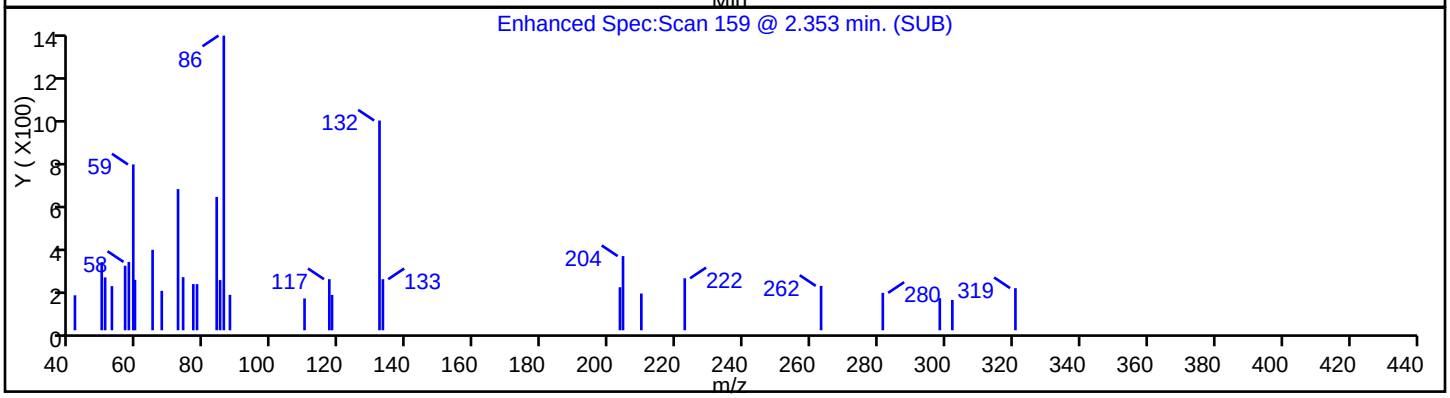
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10663.D		
Inj Date:	01-Oct-2009 07:55:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	8
Client ID:		Instrument:	Inst. B
Sample Info:	std8		
Sample Amount:	1.00 ul	Operator:	MZ

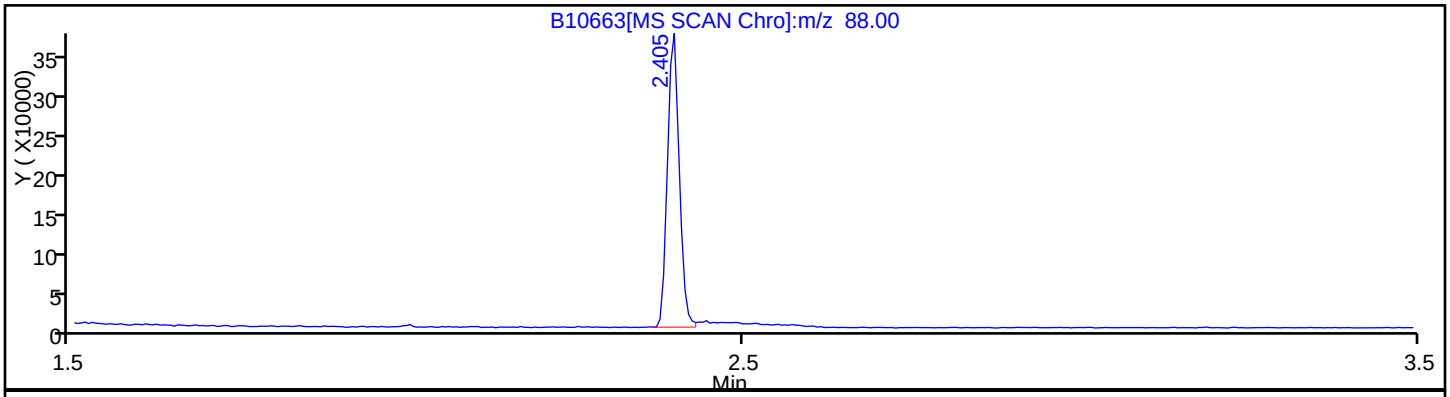
14 1,4-Dioxane

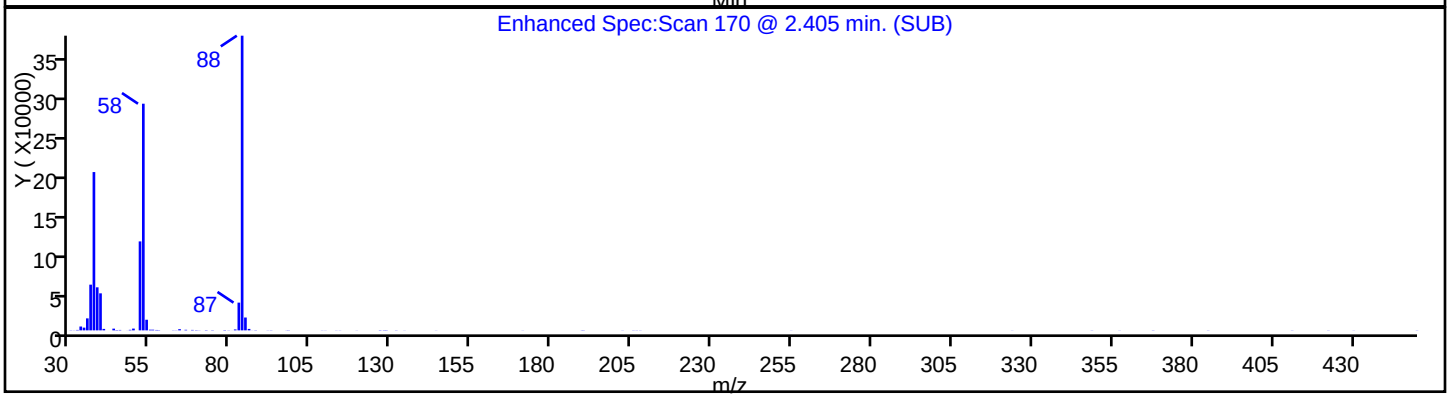
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 02-Oct-2009 16:29:51
Audit Action: Selected Alternate Hit
Audit Reason:

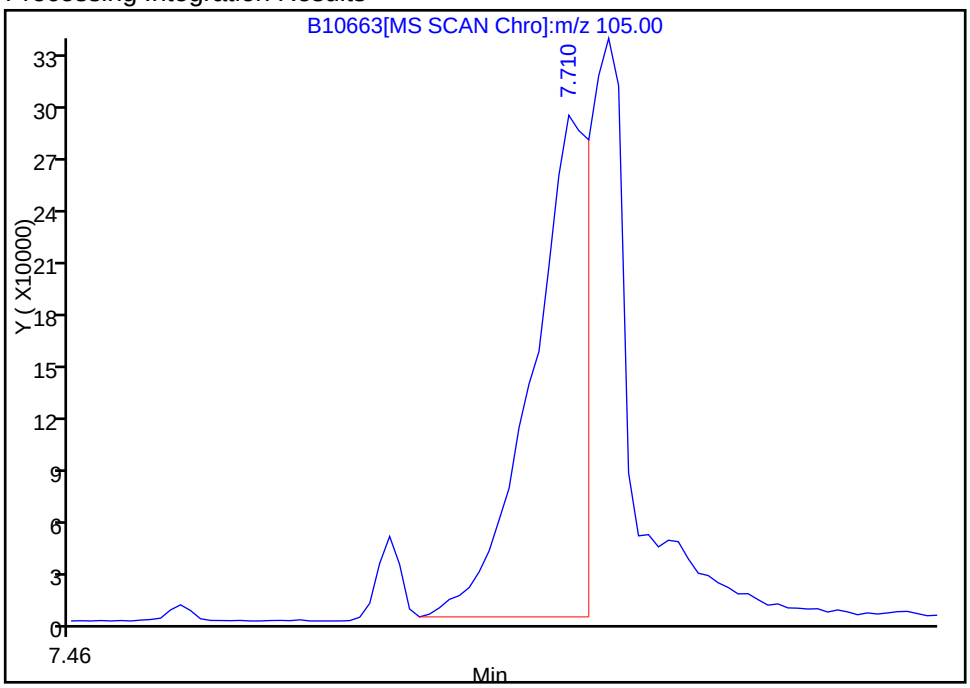
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10663.D		
Inj Date:	01-Oct-2009 07:55:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	8
Client ID:		Instrument:	Inst. B
Sample Info:	std8		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid, Number: 1, m/z: 105 Type: quant, RT: 7.70

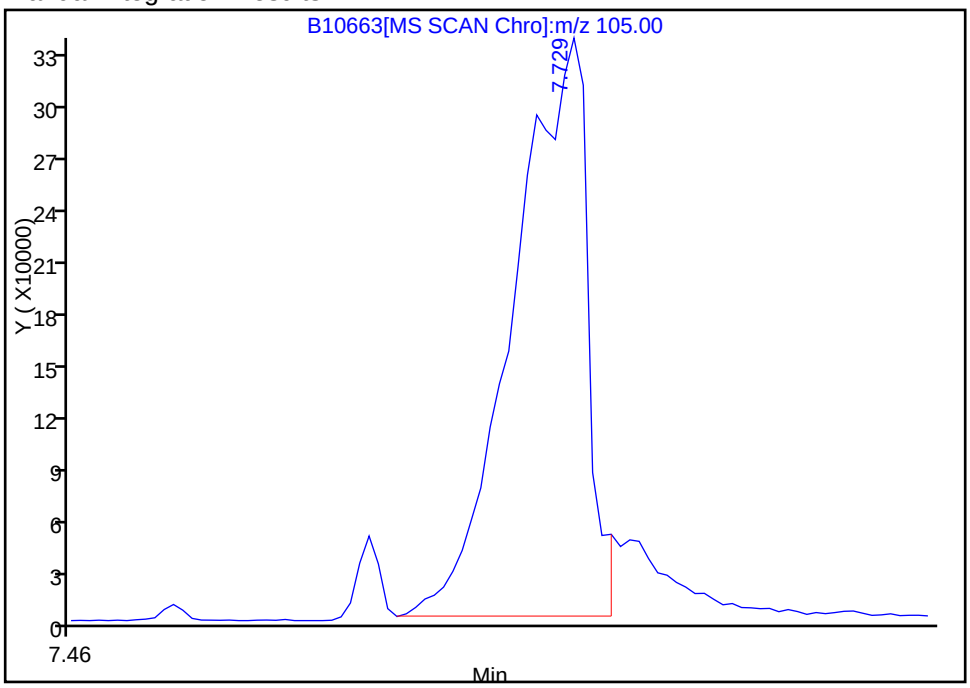
Processing Integration Results

RT: 7.71
Response: 553097
Amount: 8.712484



Manual Integration Results

RT: 7.73
Response: 873363
Amount: 8.336179



Reviewer: sullivanp, 02-Oct-2009 16:29:51
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D		
Lims ID:	std10	Client ID:	
Inject. Date:	01-Oct-2009 08:22:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	8
Sample ID:	std10		
Misc. Info.:	360-0001341-009		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	9
Lims Batch ID:	49705	Lims Sample ID:	9
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:31:37
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:21:11
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:44:04

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.782	6.784	-0.002	522887	2.00	
* 2 Naphthalene-d8	136	7.922	7.919	0.003	1263646	2.00	
* 3 Acenaphthene-d10	164	9.403	9.405	-0.002	605357	2.00	
* 4 Phenanthrene-d10	188	10.644	10.645	-0.001	1039450	2.00	
* 5 Chrysene-d12	240	13.145	13.136	0.008	1007045	2.00	
* 6 Perylene-d12	264	15.703	15.699	0.004	569511	2.00	
$ 7 2-Fluorophenol	112	5.407	5.404	0.003	1449633	11.2	
$ 8 Phenol-d5	99	6.451	6.447	0.004	1938017	11.2	
$ 9 Nitrobenzene-d5	82	7.297	7.294	0.003	1989746	10.9	
$ 10 2-Fluorobiphenyl	172	8.831	8.832	-0.001	3697673	10.4	
$ 11 2,4,6-Tribromophenol	330	10.067	10.063	0.004	378220	10.2	
$ 12 Terphenyl-d14	244	11.962	11.963	-0.001	3072093	10.0	
14 1,4-Dioxane	88	2.406	2.403	0.003	517881	10.9	
15 N-Nitrosodimethylamine	42	2.907	2.894	0.013	1245001	11.4	
16 Pyridine	79	2.902	2.898	0.004	1408455	10.9	
17 Benzaldehyde	105	6.369	6.365	0.004	940895	10.9	
18 Phenol	94	6.465	6.457	0.008	2200900	11.9	5
19 Aniline	93	6.480	6.476	0.004	2466060	11.5	
20 Bis(2-chloroethyl)ether	93	6.547	6.543	0.004	1472146	10.8	
21 2-Chlorophenol	128	6.585	6.582	0.003	1696409	10.8	
22 1,4-Dichlorobenzene	146	6.730	6.726	0.004	2034663	10.7	
23 1,3-Dichlorobenzene	146	6.802	6.798	0.004	2134055	10.8	
24 Benzyl alcohol	79	6.922	6.918	0.004	1604285	10.8	
25 1,2-Dichlorobenzene	146	6.941	6.938	0.003	1966416	10.7	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
26 2-Methylphenol	108	7.023	7.019	0.004	1540874	11.1	
27 2,2'-oxybis[1-chloropropane]	45	7.047	7.044	0.003	2744346	10.6	
28 3 & 4 Methylphenol	108	7.167	7.159	0.008	1910935	13.1	5
30 Acetophenone	105	7.162	7.159	0.003	2611355	12.6	5
29 N-Nitrosodi-n-propylamine	70	7.167	7.164	0.003	1418371	13.1	5
31 Hexachloroethane	117	7.244	7.245	-0.001	842287	11.5	
32 Nitrobenzene	77	7.311	7.308	0.003	1968517	10.8	
33 Isophorone	82	7.523	7.520	0.003	3205712	11.3	
34 2-Nitrophenol	139	7.590	7.587	0.003	965149	11.7	
35 2,4-Dimethylphenol	107	7.624	7.621	0.003	1561165	10.5	
36 Benzoic acid	105	7.739	7.702	0.037	1107376	10.6	M
37 Bis(2-chloroethoxy)methane	93	7.711	7.702	0.009	1827930	10.7	
38 2,4-Dichlorophenol	162	7.797	7.794	0.003	1434756	11.1	
39 1,2,4-Trichlorobenzene	180	7.874	7.871	0.003	1603694	10.5	
41 Naphthalene	128	7.941	7.938	0.003	4935491	10.1	
40 Alpha-Terpineol	59	7.946	7.943	0.003	1752140	11.7	
42 4-Chloroaniline	127	7.989	7.981	0.008	2173536	11.3	
43 Hexachlorobutadiene	225	8.047	8.044	0.003	905024	11.1	
44 Caprolactam	55	8.302	8.275	0.027	774190	10.5	
45 4-Chloro-3-methylphenol	107	8.393	8.390	0.003	1595044	11.7	
46 2-Methylnaphthalene	142	8.528	8.525	0.003	3447302	10.4	
47 1-Methylnaphthalene	142	8.615	8.611	0.004	3314280	10.4	
48 Hexachlorocyclopentadiene	237	8.663	8.659	0.004	752360	10.6	
49 1,2,4,5-Tetrachlorobenzene	216	8.672	8.669	0.003	1406997	10.7	
50 2,4,6-Trichlorophenol	196	8.764	8.760	0.004	948731	11.4	
51 2,4,5-Trichlorophenol	196	8.797	8.794	0.003	993207	11.3	
52 1,1'-Biphenyl	154	8.922	8.919	0.003	3892194	10.3	
53 2-Chloronaphthalene	162	8.942	8.938	0.004	3789087	10.5	
54 Phenyl ether	170	9.004	9.001	0.003	2153611	10.7	
68 4-Nitroaniline	138	9.023	9.020	0.003	1153438	10.3	
56 Dimethyl phthalate	163	9.172	9.164	0.008	3562690	10.6	
57 2,6-Dinitrotoluene	165	9.225	9.217	0.008	833302	11.2	
58 Acenaphthylene	152	9.293	9.289	0.004	4778170	10.5	
59 3-Nitroaniline	138	9.365	9.361	0.004	864081	11.5	
61 Acenaphthene	153	9.437	9.433	0.004	3354127	10.7	
60 2,4-Dinitrophenol	184	9.451	9.448	0.003	461977	10.9	
62 4-Nitrophenol	109	9.495	9.486	0.009	652465	11.2	
63 2,4-Dinitrotoluene	165	9.562	9.554	0.008	1130436	11.0	
64 Dibenzofuran	168	9.576	9.573	0.003	4217351	10.3	
65 2,3,4,6-Tetrachlorophenol	232	9.677	9.674	0.003	736248	10.1	
66 Diethyl phthalate	149	9.749	9.746	0.003	3785968	10.5	
67 4-Chlorophenyl phenyl ether	204	9.855	9.852	0.003	1731895	11.0	
69 Fluorene	166	9.865	9.861	0.004	3832365	11.0	
55 2-Nitroaniline	65	9.879	9.871	0.008	1018005	11.1	
70 4,6-Dinitro-2-methylphenol	198	9.903	9.895	0.008	582005	10.8	
71 Diphenylamine	169	9.951	9.948	0.003	3139394	10.7	
72 N-Nitrosodiphenylamine	169	9.951	9.948	0.003	3139394	10.7	
73 1,2-Diphenylhydrazine	77	9.985	9.987	-0.001	6290442	10.9	
74 Azobenzene	77	9.985	9.987	-0.001	6290442	10.9	
13 Benzophenone	105	10.000	9.996	0.004	3653586	11.2	
75 4-Bromophenyl phenyl ether	248	10.264	10.261	0.003	907466	10.9	
76 Hexachlorobenzene	284	10.327	10.323	0.004	827038	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
77 Atrazine	200	10.389	10.386	0.003	865780	11.1	
78 Pentachlorophenol	266	10.485	10.487	-0.002	520623	10.4	
79 Pentachloronitrobenzene	237	10.500	10.496	0.004	467085	10.3	
80 Phenanthrene	178	10.668	10.665	0.003	4642644	10.1	
81 Anthracene	178	10.711	10.708	0.003	4642115	10.6	
83 Carbazole	167	10.836	10.833	0.003	3925679	10.1	
84 Di-n-butyl phthalate	149	11.106	11.102	0.004	5501187	10.1	
87 Fluoranthene	202	11.659	11.655	0.004	4585745	10.7	
86 Benzidine	184	11.755	11.766	-0.011	1053435	10.5	
85 Pyrene	202	11.851	11.848	0.003	4847803	9.39	
89 Butyl benzyl phthalate	149	12.418	12.415	0.003	2670255	10.8	
91 3,3'-Dichlorobenzidine	252	13.082	13.079	0.003	1036581	9.91	
93 Benzo[a]anthracene	228	13.130	13.127	0.003	4186478	10.5	
92 Bis(2-ethylhexyl) phthalate	149	13.130	13.131	-0.001	4571570	9.49	
94 Chrysene	228	13.183	13.180	0.003	3578604	9.58	
95 Di-n-octyl phthalate	149	14.294	14.290	0.004	5349790	10.5	
97 Benzo[b]fluoranthene	252	15.106	15.093	0.013	3022570	10.6	
98 Benzo[k]fluoranthene	252	15.155	15.142	0.013	2891057	11.7	
99 Benzo[a]pyrene	252	15.631	15.627	0.004	2441454	10.3	
100 Indeno[1,2,3-cd]pyrene	276	17.150	17.142	0.008	1759747	10.1	
101 Dibenz(a,h)anthracene	278	17.179	17.176	0.003	1431666	10.4	
102 Benzo[g,h,i]perylene	276	17.554	17.551	0.003	1376267	8.96	

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

Report Date: 05-Oct-2009 07:44:05 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D

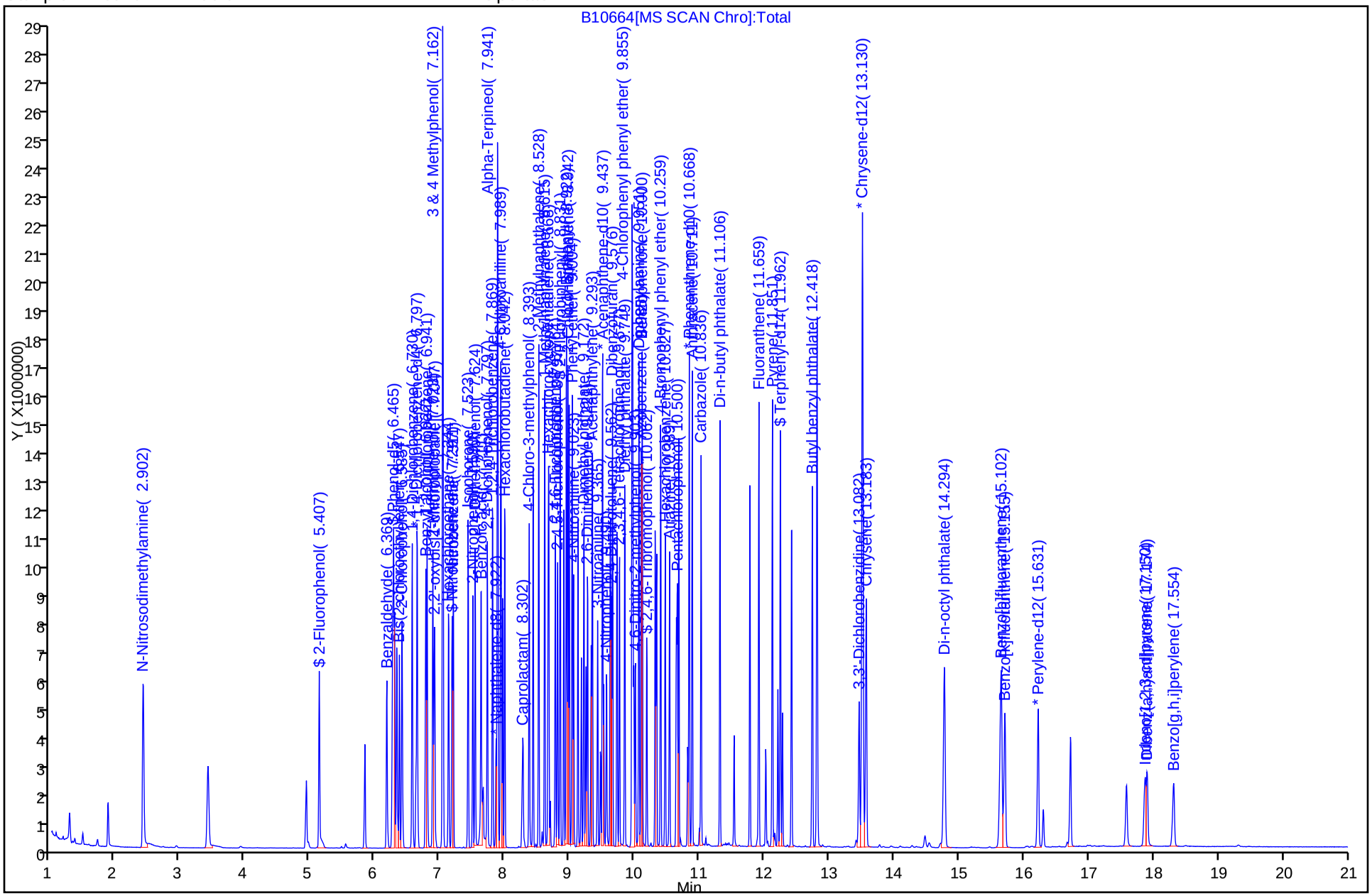
Inj Date: 01-Oct-2009 08:22:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 9

Client ID: Instrument: Inst. B

Sample Info: std10

Sample Amount: 1.00 ul Operator: MZ



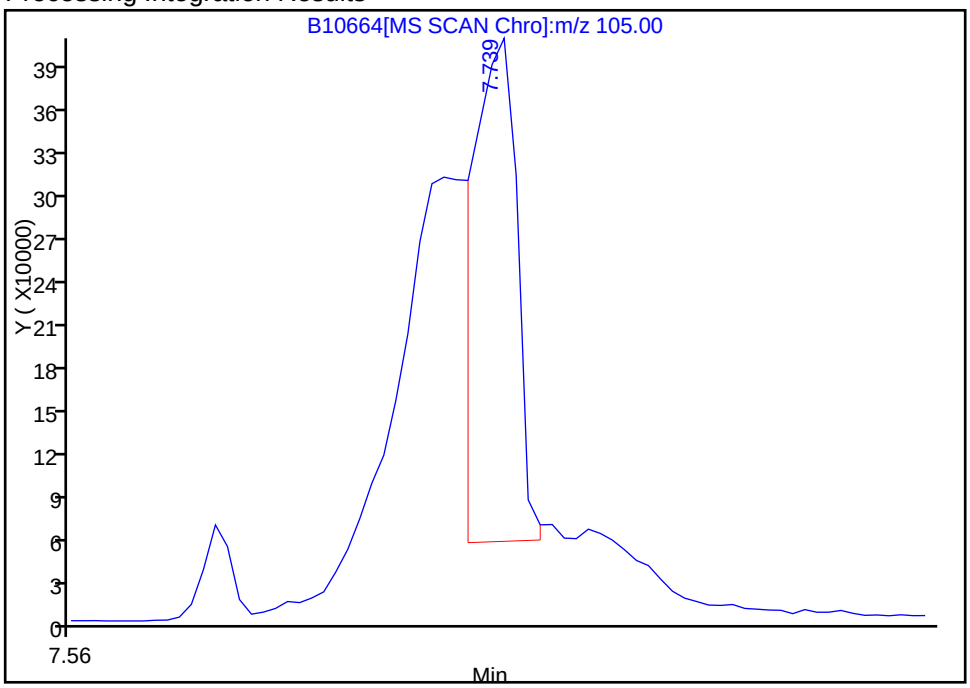
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D		
Inj Date:	01-Oct-2009 08:22:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	9
Client ID:		Instrument:	Inst. B
Sample Info:	std10		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid, Number: 1, m/z: 105 Type: quant, RT: 7.70

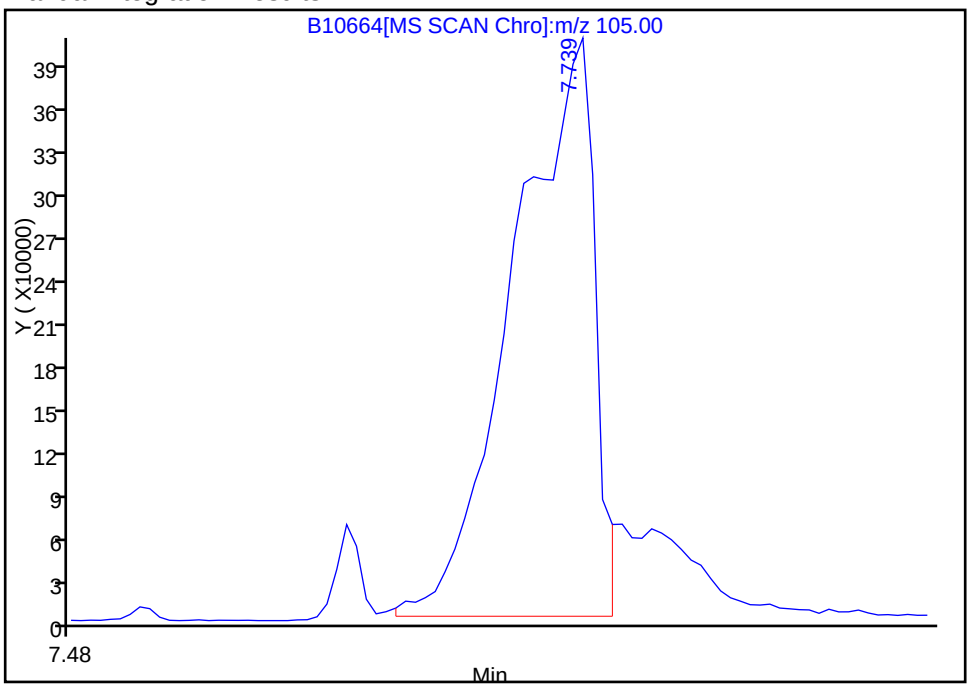
Processing Integration Results

RT: 7.74
Response: 441369
Amount: 7.579514



Manual Integration Results

RT: 7.74
Response: 1107376
Amount: 10.599498



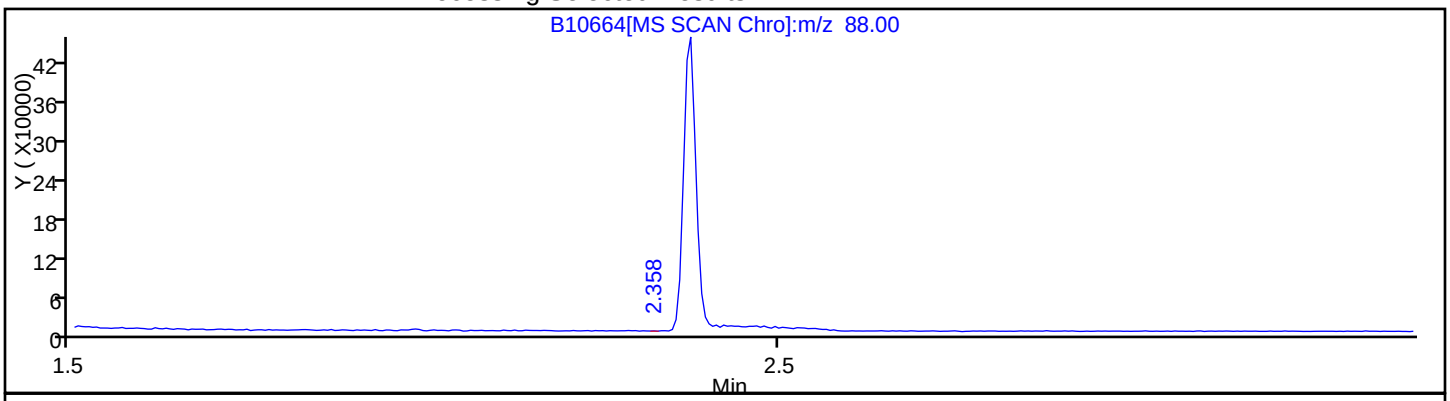
Reviewer: sullivanp, 02-Oct-2009 16:31:37
Audit Action: Manually Integrated
Audit Reason: Assign Peak

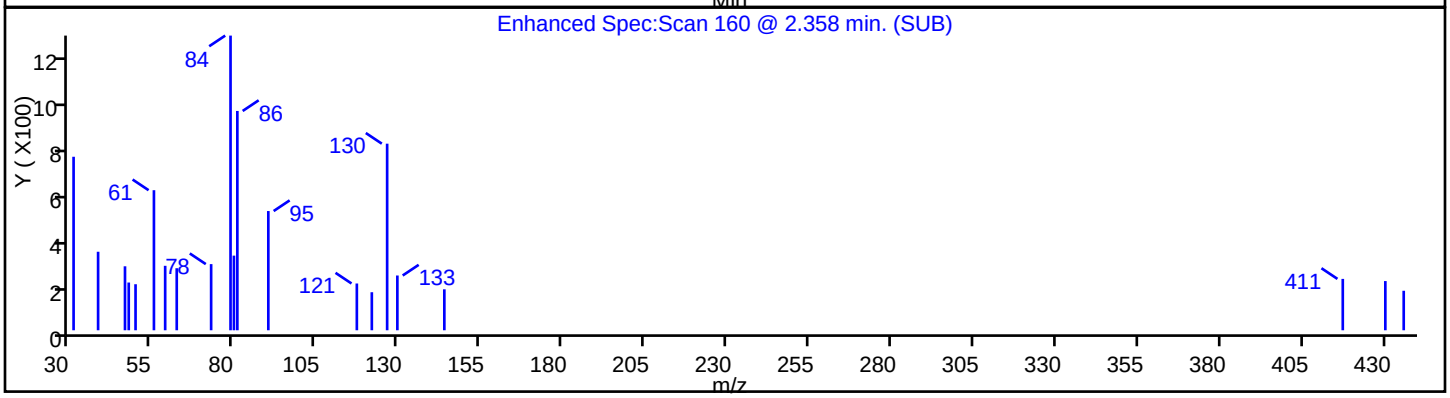
Chrom Revision: 1.1 01-Oct-2009 08:19:20
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D		
Inj Date:	01-Oct-2009 08:22:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	9
Client ID:		Instrument:	Inst. B
Sample Info:	std10		
Sample Amount:	1.00 ul	Operator:	MZ

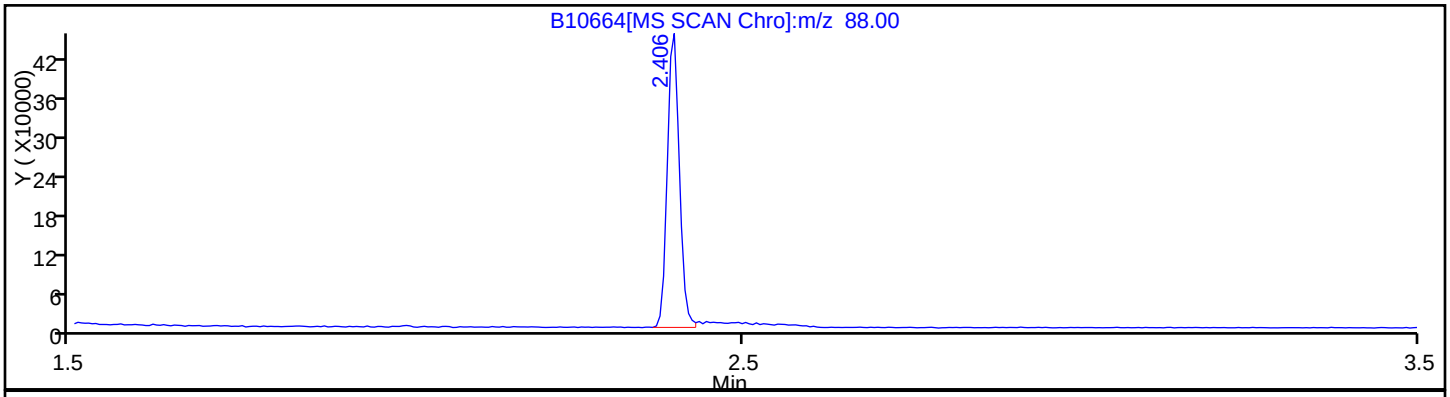
14 1,4-Dioxane

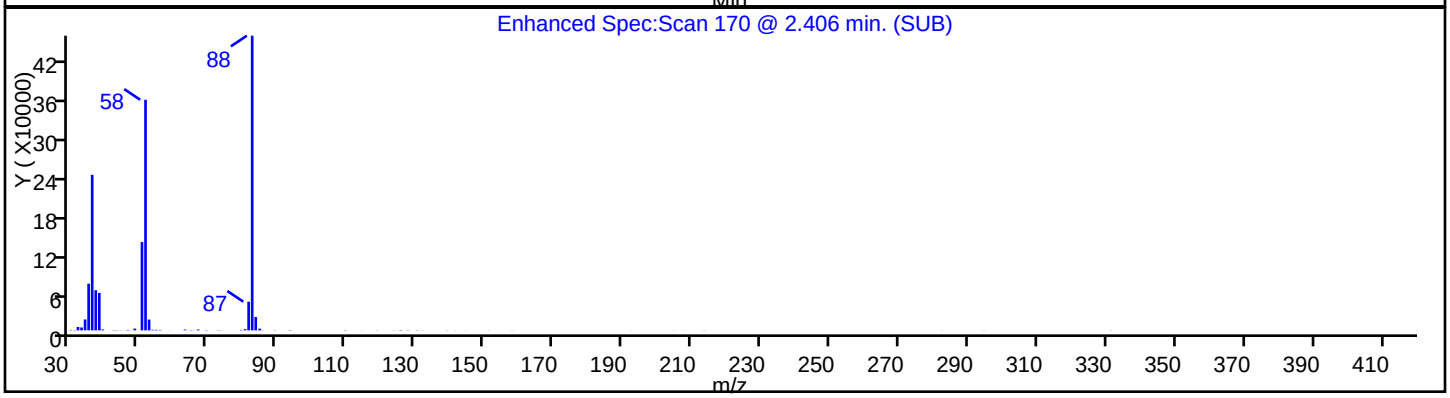
Processing Selected Results





Manual Selected Results





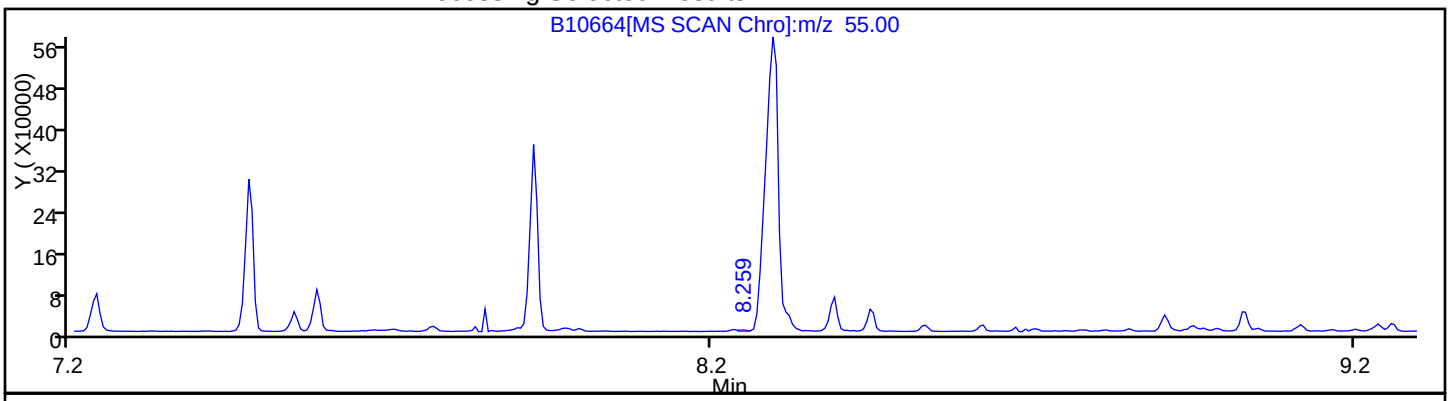
Reviewer: sullivanp, 02-Oct-2009 16:31:37
Audit Action: Selected Alternate Hit
Audit Reason:

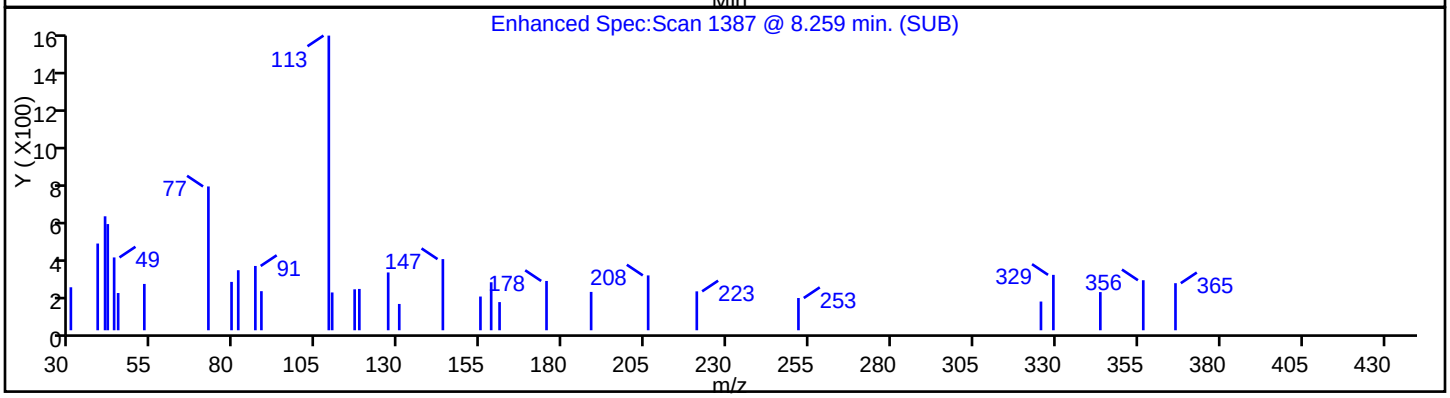
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D		
Inj Date:	01-Oct-2009 08:22:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	9
Client ID:		Instrument:	Inst. B
Sample Info:	std10		
Sample Amount:	1.00 ul	Operator:	MZ

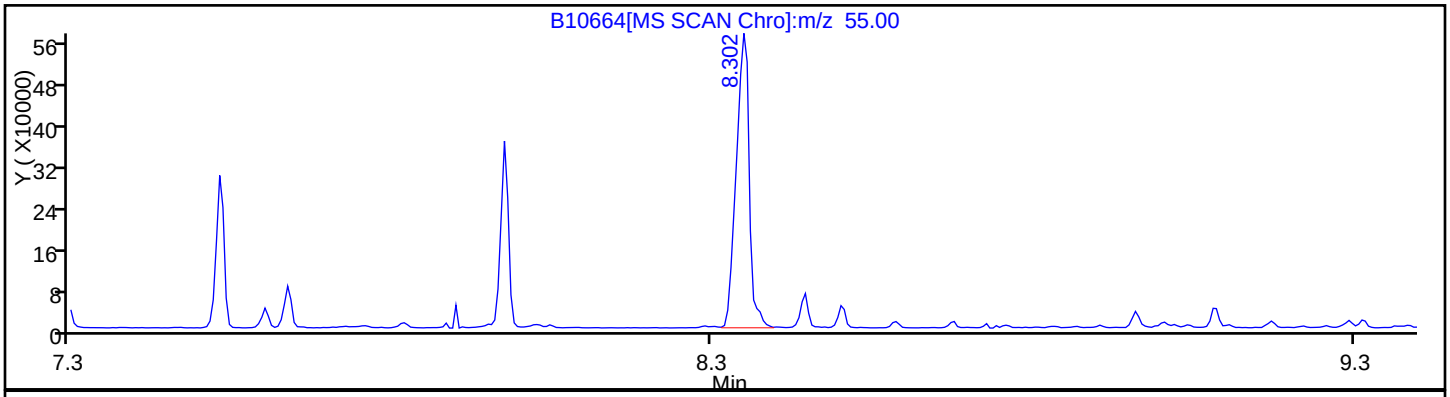
44 Caprolactam

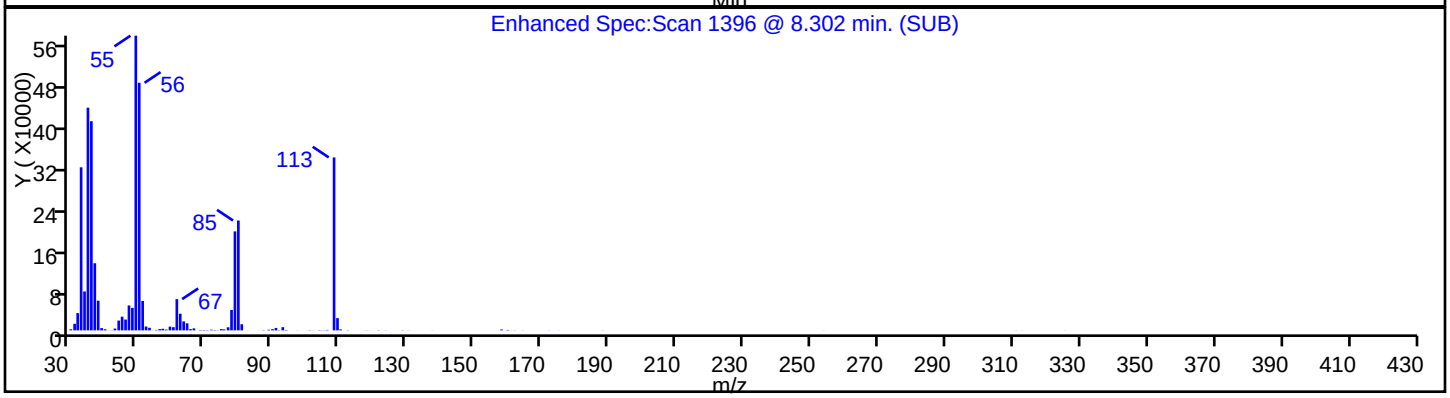
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 02-Oct-2009 16:31:37
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Lims ID:	std20	Client ID:	
Inject. Date:	01-Oct-2009 08:50:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	9
Sample ID:	std20		
Misc. Info.:	360-0001341-010		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	10
Lims Batch ID:	49705	Lims Sample ID:	10
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:22:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10664.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:35:30
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:21:18
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:44:14

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.782	6.784	-0.002	324818	2.00	
* 2 Naphthalene-d8	136	7.921	7.919	0.002	940925	2.00	
* 3 Acenaphthene-d10	164	9.407	9.405	0.002	449309	2.00	
* 4 Phenanthrene-d10	188	10.648	10.645	0.003	780680	2.00	
* 5 Chrysene-d12	240	13.149	13.136	0.013	782593	2.00	
* 6 Perylene-d12	264	15.702	15.699	0.003	427309	2.00	
$ 7 2-Fluorophenol	112	5.397	5.404	-0.007	1883872	23.5	5
$ 8 Phenol-d5	99	6.455	6.447	0.008	2763421	25.8	5
$ 9 Nitrobenzene-d5	82	7.296	7.294	0.002	2811708	20.7	5
$ 10 2-Fluorobiphenyl	172	8.835	8.832	0.003	4994875	19.0	
$ 11 2,4,6-Tribromophenol	330	10.071	10.063	0.008	598141	21.3	5
$ 12 Terphenyl-d14	244	11.966	11.963	0.003	4493380	18.9	
14 1,4-Dioxane	88	2.358	2.403	-0.045	679529	19.9	
15 N-Nitrosodimethylamine	42	2.877	2.894	-0.017	1586054	23.5	5
16 Pyridine	79	2.858	2.898	-0.040	1822459	19.9	
17 Benzaldehyde	105	6.363	6.365	-0.002	949571	17.8	
18 Phenol	94	6.464	6.457	0.007	3224700	28.1	5
19 Aniline	93	6.479	6.476	0.003	3560411	26.7	5
20 Bis(2-chloroethyl)ether	93	6.546	6.543	0.003	2120702	25.1	5
21 2-Chlorophenol	128	6.585	6.582	0.003	2430754	25.0	5
22 1,4-Dichlorobenzene	146	6.729	6.726	0.003	2900034	24.5	5
23 1,3-Dichlorobenzene	146	6.796	6.798	-0.002	3017682	24.5	5
24 Benzyl alcohol	79	6.926	6.918	0.008	2338107	20.0	
25 1,2-Dichlorobenzene	146	6.940	6.938	0.002	2815267	24.8	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
26 2-Methylphenol	108	7.022	7.019	0.003	2203274	25.5	5
27 2,2'-oxybis[1-chloropropane]	45	7.046	7.044	0.002	3787744	23.5	5M
28 3 & 4 Methylphenol	108	7.166	7.159	0.007	2741533	30.4	5
30 Acetophenone	105	7.162	7.159	0.003	3645276	28.2	5
29 N-Nitrosodi-n-propylamine	70	7.171	7.164	0.007	1976055	29.5	5
31 Hexachloroethane	117	7.243	7.245	-0.002	1198904	26.5	5
32 Nitrobenzene	77	7.316	7.308	0.008	2805208	20.7	5
33 Isophorone	82	7.527	7.520	0.007	4501588	21.2	5
34 2-Nitrophenol	139	7.594	7.587	0.007	1377150	22.4	5
35 2,4-Dimethylphenol	107	7.628	7.621	0.007	2391619	21.5	5
36 Benzoic acid	105	7.758	7.702	0.056	1631747	19.9	
37 Bis(2-chloroethoxy)methane	93	7.710	7.702	0.008	2636207	20.8	5
38 2,4-Dichlorophenol	162	7.801	7.794	0.007	2092304	21.7	5
39 1,2,4-Trichlorobenzene	180	7.873	7.871	0.002	2358640	20.8	5
41 Naphthalene	128	7.941	7.938	0.003	6299170	17.4	
40 Alpha-Terpineol	59	7.950	7.943	0.007	2470703	22.1	5
42 4-Chloroaniline	127	7.989	7.981	0.008	3160810	22.1	5
43 Hexachlorobutadiene	225	8.047	8.044	0.002	1321360	21.8	5
44 Caprolactam	55	8.321	8.275	0.046	1053657	19.2	
45 4-Chloro-3-methylphenol	107	8.398	8.390	0.008	2293024	22.5	5
46 2-Methylnaphthalene	142	8.532	8.525	0.007	4750878	19.2	
47 1-Methylnaphthalene	142	8.614	8.611	0.003	4654170	19.6	
48 Hexachlorocyclopentadiene	237	8.662	8.659	0.003	1071884	20.3	5
49 1,2,4,5-Tetrachlorobenzene	216	8.672	8.669	0.003	2104582	21.5	5
50 2,4,6-Trichlorophenol	196	8.768	8.760	0.008	1395389	22.5	5
51 2,4,5-Trichlorophenol	196	8.801	8.794	0.007	1478449	22.7	5
52 1,1'-Biphenyl	154	8.922	8.919	0.003	5153589	18.4	
53 2-Chloronaphthalene	162	8.946	8.938	0.008	5523747	20.7	5
54 Phenyl ether	170	9.003	9.001	0.002	3111101	20.7	5
68 4-Nitroaniline	138	9.028	9.020	0.008	1653172	19.9	
56 Dimethyl phthalate	163	9.177	9.164	0.013	4918753	19.7	
57 2,6-Dinitrotoluene	165	9.229	9.217	0.012	1211047	21.9	5
58 Acenaphthylene	152	9.292	9.289	0.003	6288394	18.5	
59 3-Nitroaniline	138	9.374	9.361	0.013	1220745	21.9	5
61 Acenaphthene	153	9.436	9.433	0.003	4614680	19.9	
60 2,4-Dinitrophenol	184	9.455	9.448	0.007	641315	19.8	
62 4-Nitrophenol	109	9.499	9.486	0.013	905015	20.7	5
63 2,4-Dinitrotoluene	165	9.566	9.554	0.012	1632003	21.4	5
64 Dibenzofuran	168	9.581	9.573	0.008	5670834	18.7	
65 2,3,4,6-Tetrachlorophenol	232	9.682	9.674	0.008	1119696	20.6	5
66 Diethyl phthalate	149	9.754	9.746	0.008	5181128	19.4	
67 4-Chlorophenyl phenyl ether	204	9.855	9.852	0.003	2606836	22.4	5
69 Fluorene	166	9.864	9.861	0.003	5315141	20.5	5
55 2-Nitroaniline	65	9.883	9.871	0.012	1440951	21.1	5
70 4,6-Dinitro-2-methylphenol	198	9.908	9.895	0.013	817698	20.0	
71 Diphenylamine	169	9.956	9.948	0.008	4404313	20.0	5
72 N-Nitrosodiphenylamine	169	9.956	9.948	0.008	4404313	20.0	5
73 1,2-Diphenylhydrazine	77	9.989	9.987	0.003	8528672	19.6	M
74 Azobenzene	77	9.989	9.987	0.003	8489258	19.6	M
13 Benzophenone	105	10.004	9.996	0.008	5166800	21.0	5
75 4-Bromophenyl phenyl ether	248	10.263	10.261	0.002	1384593	22.2	5
76 Hexachlorobenzene	284	10.331	10.323	0.008	1295686	22.6	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
77 Atrazine	200	10.393	10.386	0.007	1131628	19.3	
78 Pentachlorophenol	266	10.489	10.487	0.002	787600	20.5	5
79 Pentachloronitrobenzene	237	10.499	10.496	0.003	701266	20.4	5
80 Phenanthrene	178	10.672	10.665	0.007	6207018	17.9	
81 Anthracene	178	10.715	10.708	0.007	6128067	18.7	
83 Carbazole	167	10.840	10.833	0.007	5251175	18.1	
84 Di-n-butyl phthalate	149	11.105	11.102	0.003	6901433	16.8	
87 Fluoranthene	202	11.663	11.655	0.008	6104526	19.0	
86 Benzidine	184	11.759	11.766	-0.007	1515351	19.7	
85 Pyrene	202	11.855	11.848	0.007	6406958	16.0	
89 Butyl benzyl phthalate	149	12.423	12.415	0.008	3954485	20.6	5
91 3,3'-Dichlorobenzidine	252	13.086	13.079	0.007	1543429	18.9	
93 Benzo[a]anthracene	228	13.134	13.127	0.007	6114923	19.8	
92 Bis(2-ethylhexyl) phthalate	149	13.134	13.131	0.003	6151199	16.4	
94 Chrysene	228	13.192	13.180	0.012	5154842	17.7	5
95 Di-n-octyl phthalate	149	14.298	14.290	0.008	8148982	21.1	5
97 Benzo[b]fluoranthene	252	15.115	15.093	0.022	4497234	21.0	5
98 Benzo[k]fluoranthene	252	15.164	15.142	0.022	4252377	22.9	5
99 Benzo[a]pyrene	252	15.635	15.627	0.008	3593918	20.2	5
100 Indeno[1,2,3-cd]pyrene	276	17.159	17.142	0.017	2625238	20.1	5
101 Dibenz(a,h)anthracene	278	17.188	17.176	0.012	2212845	21.4	5
102 Benzo[g,h,i]perylene	276	17.568	17.551	0.017	2054937	17.8	

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

Report Date: 05-Oct-2009 07:44:14 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D

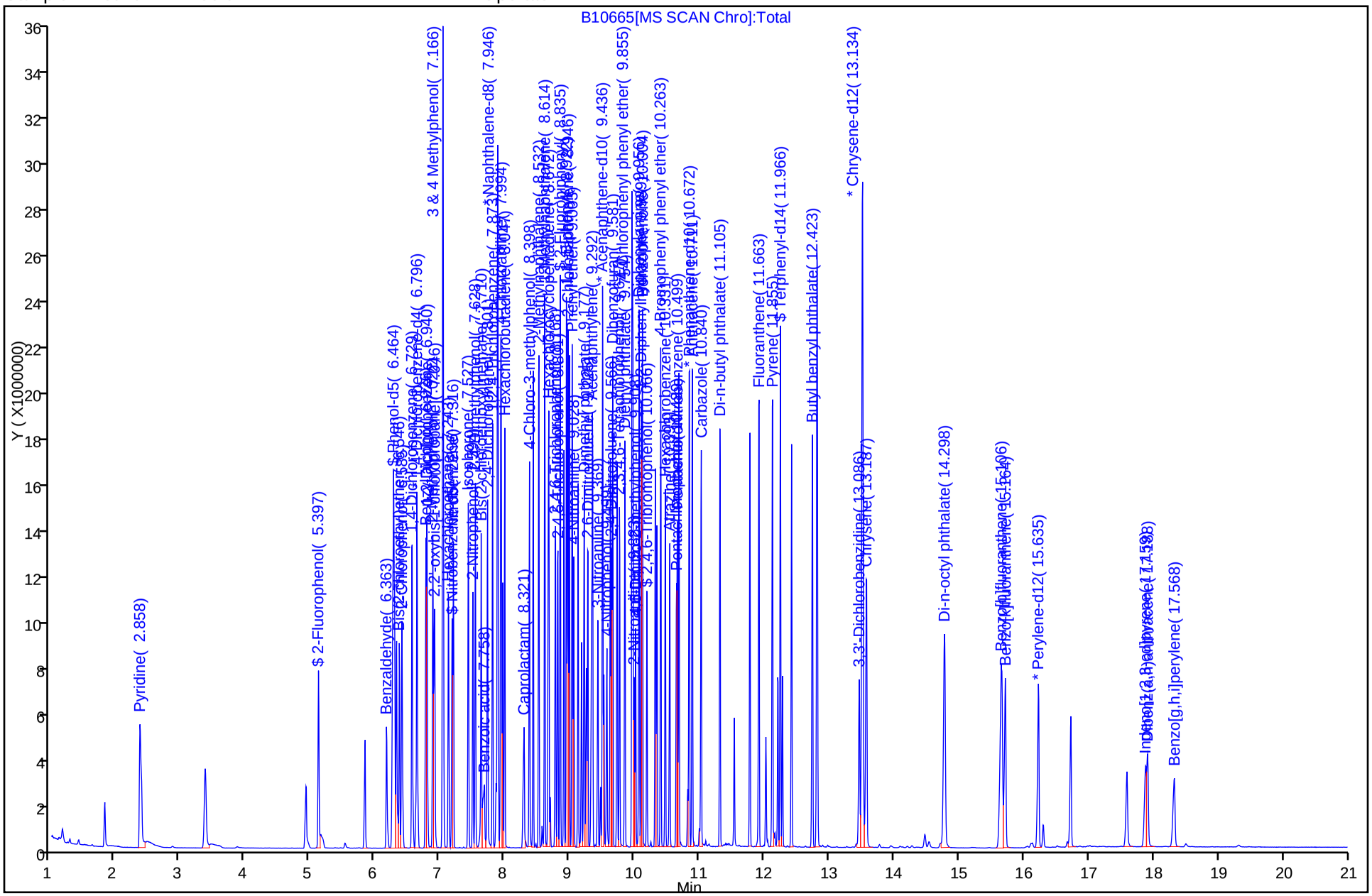
Inj Date: 01-Oct-2009 08:50:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 10

Client ID: Instrument: Inst. B

Sample Info: std20

Sample Amount: 1.00 ul Operator: MZ



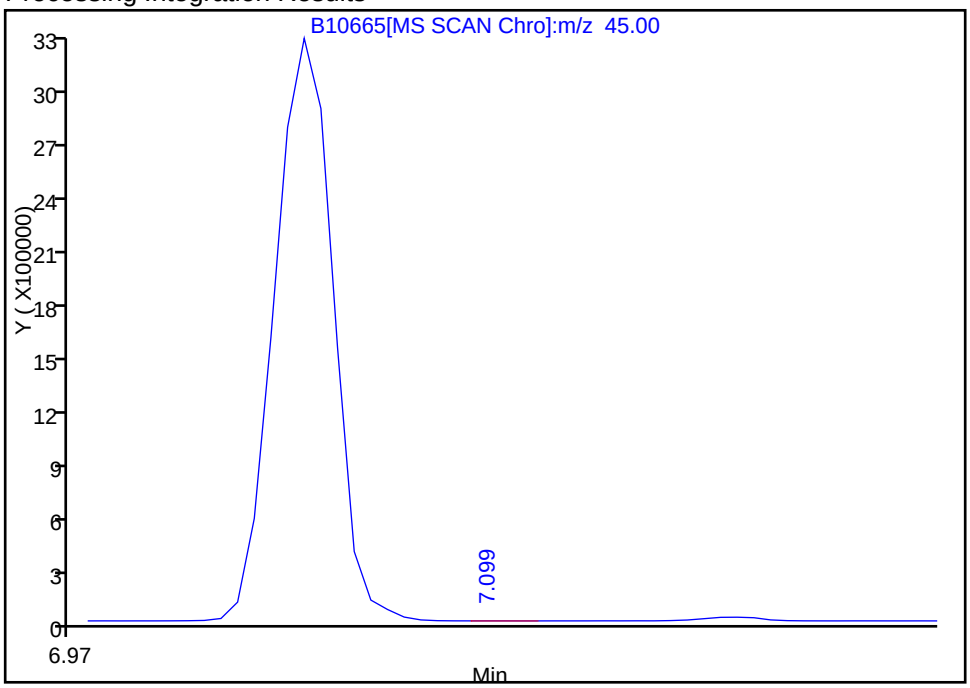
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Inj Date:	01-Oct-2009 08:50:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	std20		
Sample Amount:	1.00 ul	Operator:	MZ

27 2,2'-oxybis[1-chloropropane], Number: 1, m/z: 45 Type: quant, RT: 7.04

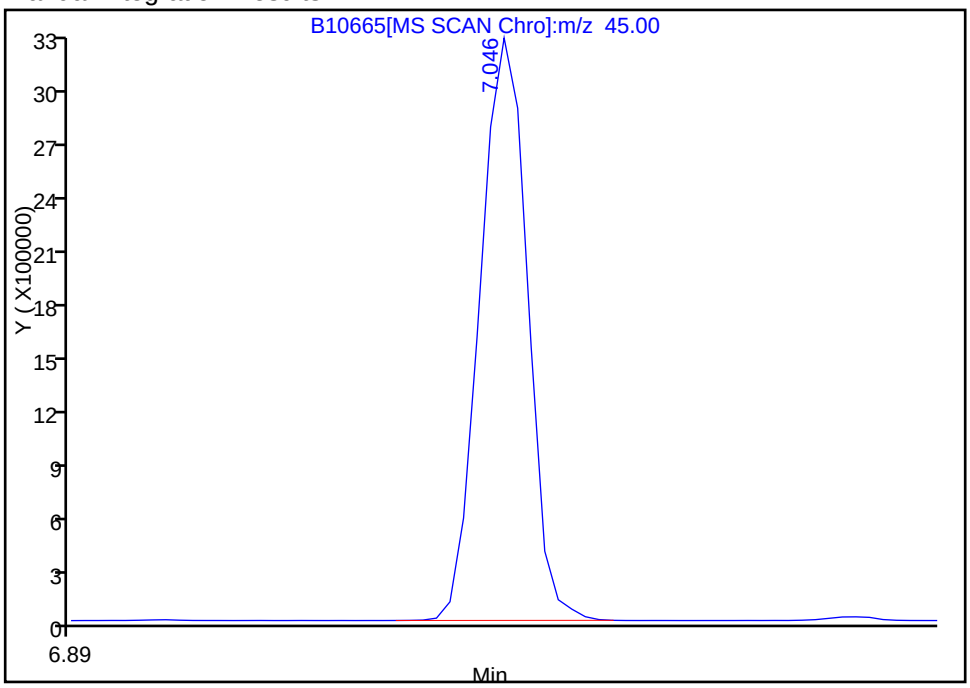
Processing Integration Results

RT: 7.10
Response: 591
Amount: 0.004211



Manual Integration Results

RT: 7.05
Response: 3787744
Amount: 23.471957



Reviewer: sullivanp, 02-Oct-2009 16:35:30
Audit Action: Manually Integrated
Audit Reason: Assign Peak

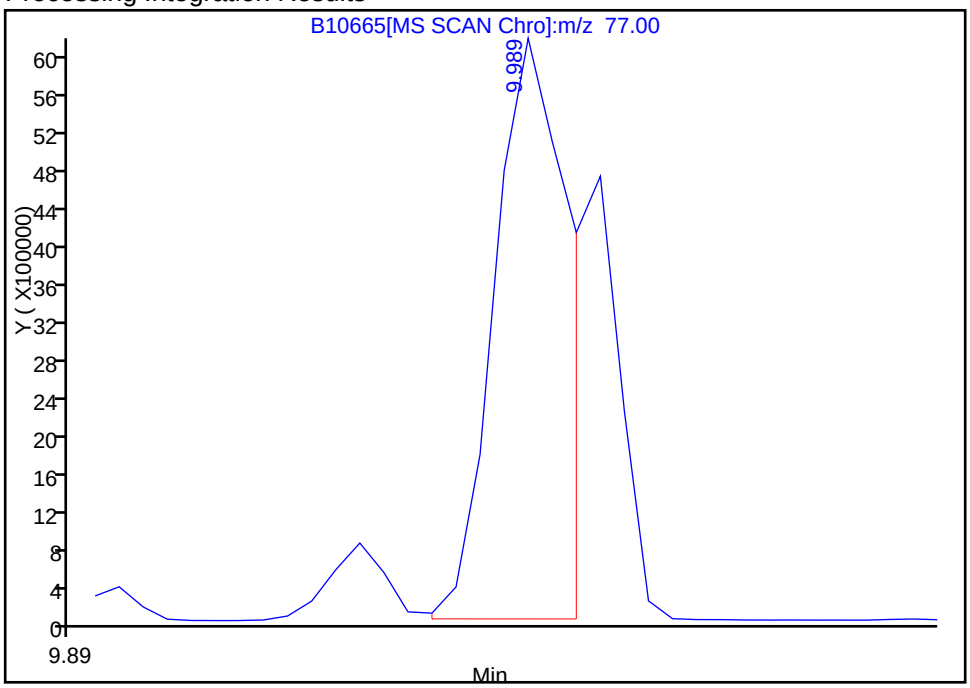
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Inj Date:	01-Oct-2009 08:50:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	std20		
Sample Amount:	1.00 ul	Operator:	MZ

74 Azobenzene, Number: 1, m/z: 77 Type: quant, RT: 9.99

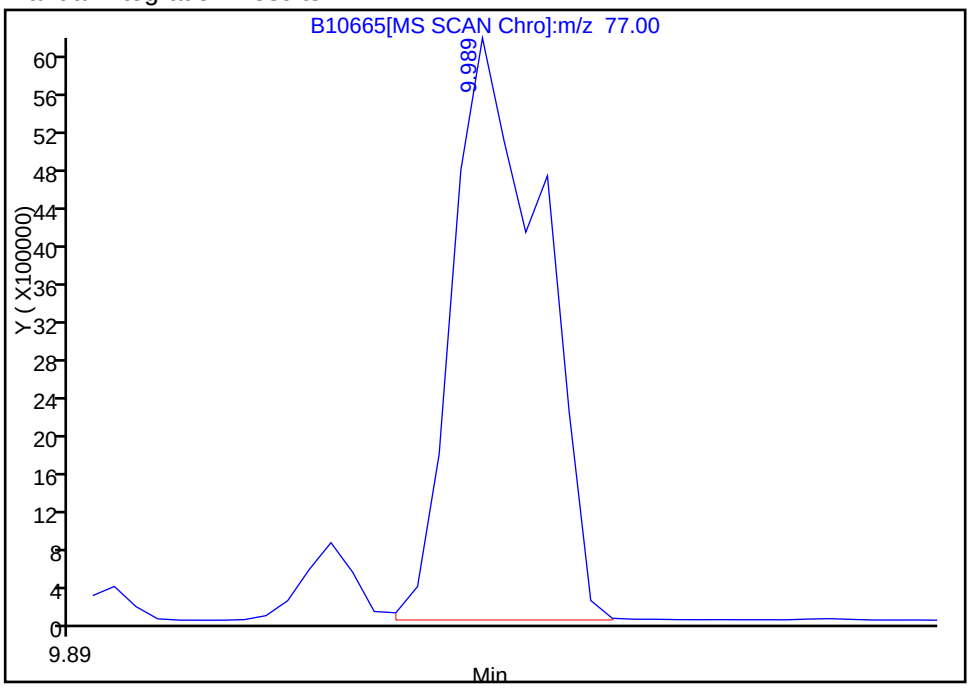
Processing Integration Results

RT: 9.99
Response: 6399728
Amount: 15.149079



Manual Integration Results

RT: 9.99
Response: 8489258
Amount: 19.557867



Reviewer: sullivanp, 02-Oct-2009 16:35:30
Audit Action: Manually Integrated
Audit Reason: Assign Peak

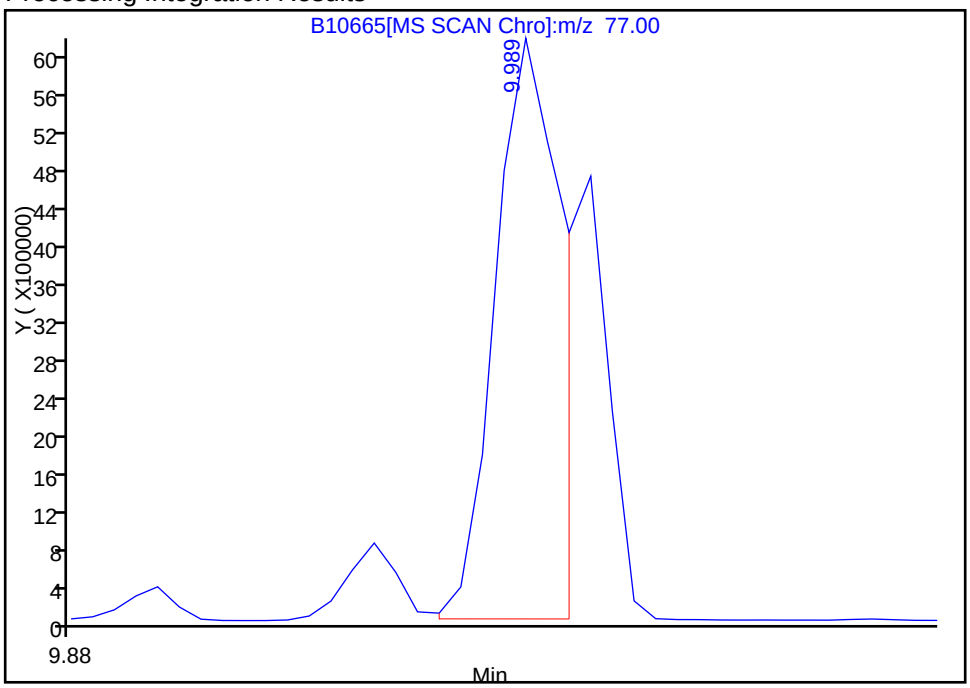
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Inj Date:	01-Oct-2009 08:50:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	std20		
Sample Amount:	1.00 ul	Operator:	MZ

73 1,2-Diphenylhydrazine, Number: 1, m/z: 77 Type: quant, RT: 9.99

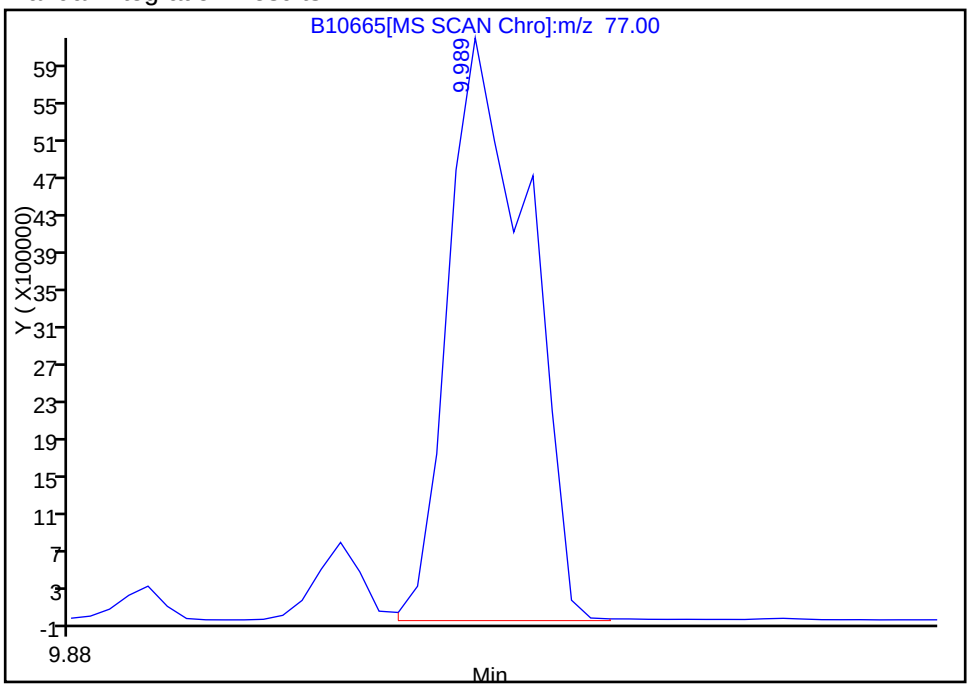
Processing Integration Results

RT: 9.99
Response: 6399728
Amount: 15.149079



Manual Integration Results

RT: 9.99
Response: 8528672
Amount: 19.638763



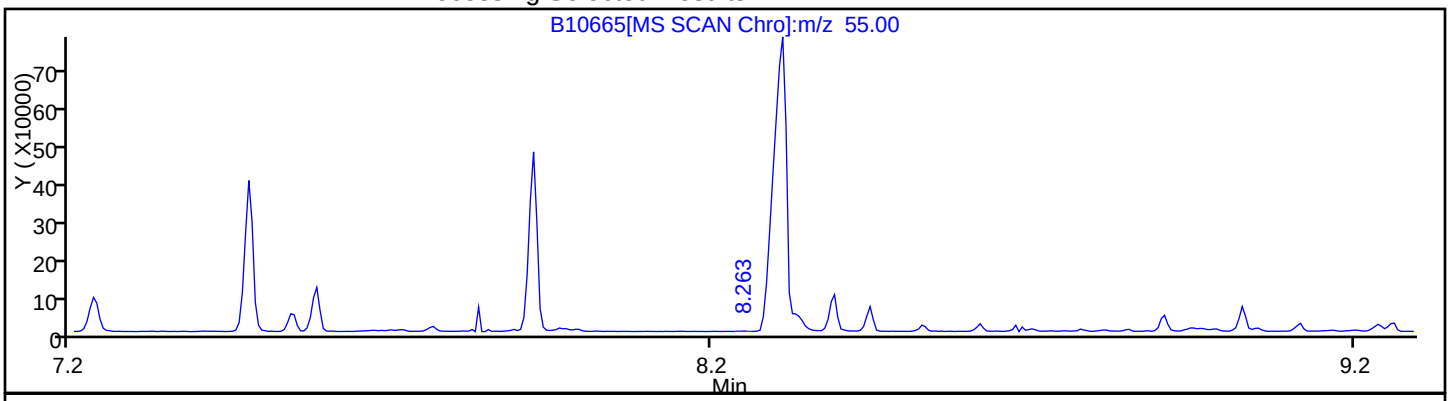
Reviewer: sullivanp, 02-Oct-2009 16:35:30
Audit Action: Manually Integrated
Audit Reason: Assign Peak

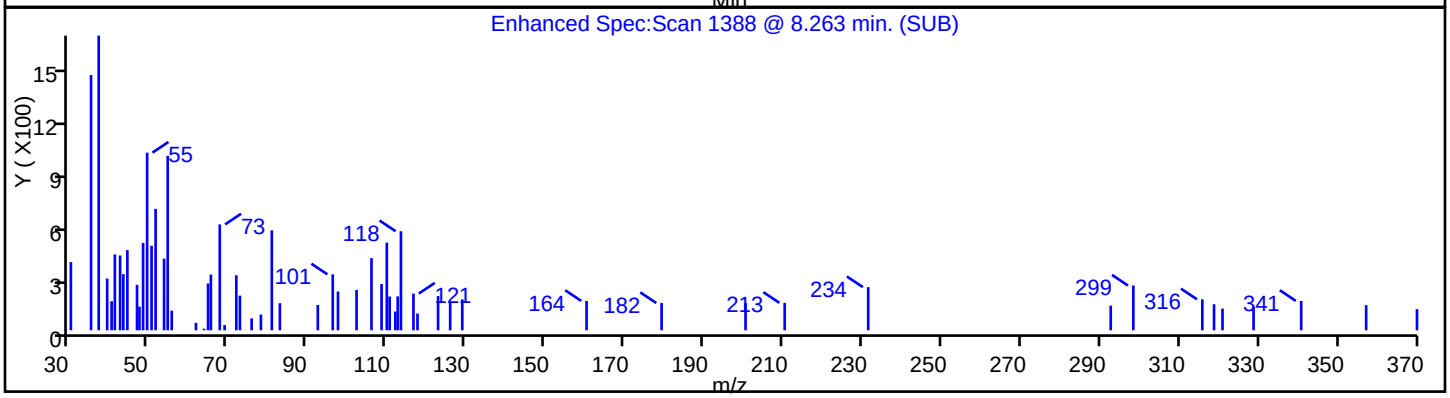
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Inj Date:	01-Oct-2009 08:50:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	std20		
Sample Amount:	1.00 ul	Operator:	MZ

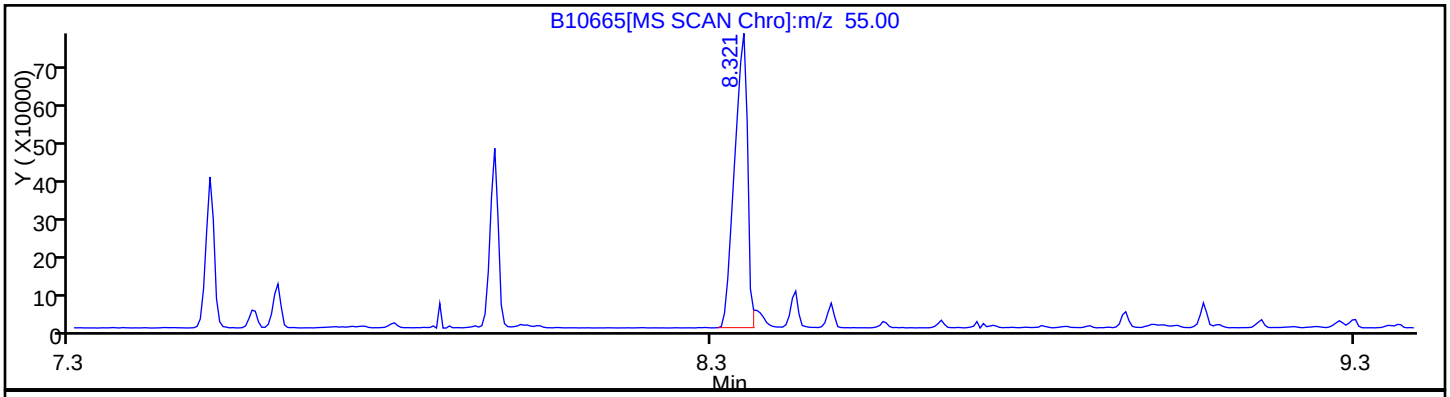
44 Caprolactam

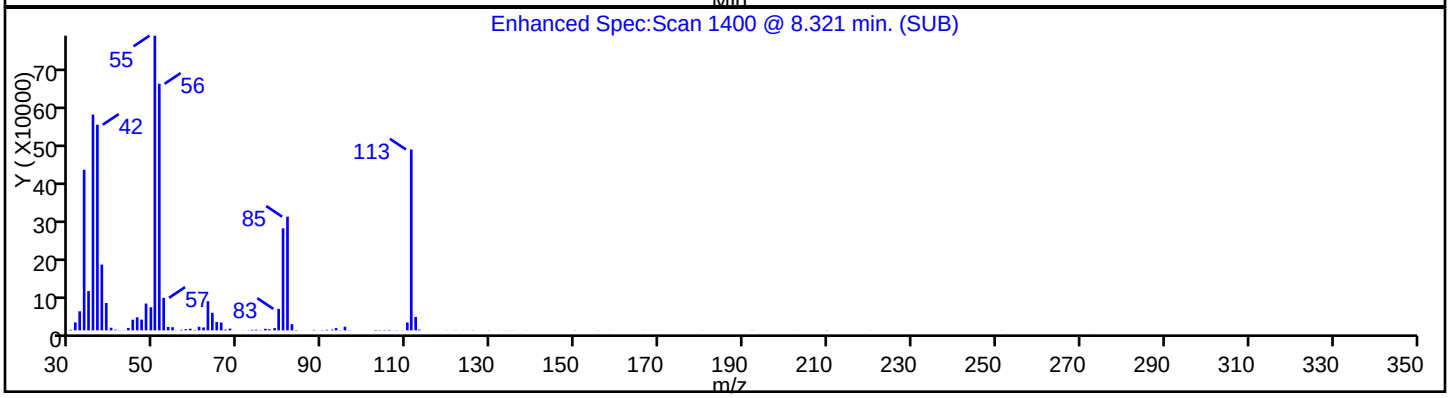
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 02-Oct-2009 16:35:30
Audit Action: Selected Alternate Hit
Audit Reason:

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 360-49981/2	B10766.D
Level 2	STD01 360-49981/3	B10767.D
Level 3	STD025 360-49981/4	B10768.D
Level 4	STD05 360-49981/5	B10769.D
Level 5	STD1 360-49981/6	B10770.D
Level 6	STD25 360-49981/7	B10771.D
Level 7	STD8 360-49981/8	B10772.D
Level 8	STD10 360-49981/9	B10773.D
Level 9	STD20 360-49981/10	B10774.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.1925 0.1015	0.0092 0.3999	0.0193 0.4497	0.0233 1.0690	0.0551	Lin	-0.086	0.2613							0.9900		0.9900
Pyridine	0.5030 0.2496	0 1.0345	0.0231 1.1968	0.0461 2.8315	0.1116	Lin	-0.414	0.7045							0.9920		0.9900
N-Nitrosodimethylamine	0.5371 0.2899	0.0147 1.1233	0.0234 1.3076	0.0579 3.0738	0.1372	Lin	-0.334	0.7567							0.9910		0.9900
Benzaldehyde	0.2714 0.1487	0.0049 0.5662	0.0171 0.6838	0.0249 1.5739	0.0658	Lin	-0.179	0.3885							0.9920		0.9900
Aniline	0.9001 0.4644	0.0168 2.0352	0.0412 2.4327	0.0828 6.8838	0.1947	Qua	0.0081	0.7913	0.0465						0.9990		0.9900
Phenol	0.8670 0.4372	0.0115 1.9626	0.0458 2.4054	0.0844 6.8266	0.1942	Qua	0.0140	0.7502	0.0478						0.9990		0.9900
Bis(2-chloroethyl)ether	0.5478 0.2911	0.0113 1.1547	0.0306 1.3740	0.0593 3.8710	0.1221	Ave		0.6149				9.8		15.0			
2-Chlorophenol	0.6261 0.3368	0.0128 1.3485	0.0324 1.6059	0.0687 4.2193	0.1491	Ave		0.7084				11.0		15.0			
1,4-Dichlorobenzene	0.7354 0.4031	0.0176 1.6217	0.0431 1.9007	0.0785 5.0320	0.1738	Ave		0.8627				10.0		15.0			
1,3-Dichlorobenzene	0.7754 0.4240	0.0188 1.6853	0.0418 2.0024	0.0813 5.2779	0.1856	Ave		0.8995				11.0		15.0			
1,2-Dichlorobenzene	0.7395 0.3900	0.0168 1.6460	0.0387 1.9916	0.0781 5.4481	0.1737	Ave		0.8509				13.0		15.0			
Benzyl alcohol	0.6440 0.3129	0.0104 1.4781	0.0236 1.7800	0.0554 4.7176	0.1251	Qua	-0.094	0.6403	0.0273						0.9980		0.9900
Benzoic acid	0.1113 0.0386	0 0.2985	0.0007 0.3614	0.0026 0.8745	0.0079	Qua	-0.113	0.1528	0.0036						0.9950		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Methylphenol	0.5655 0.2969	0.0110 1.2363	0.0297 1.4912	0.0561 4.1234	0.1286	Ave		0.6281				14.0		15.0			
2,2'-oxybis[1-chloropropane]	1.0481 0.5591	0.0248 2.2156	0.0614 2.6640	0.1153 6.9279	0.2555	Ave		1.2229				9.2		15.0			
Acetophenone	0.8607 0.4601	0.0156 1.8838	0.0448 2.2532	0.0836 6.0376	0.1985	Ave		0.9491				15.0		15.0			
N-Nitrosodi-n-propylamine	0.4709 0.2447	0.0079 1.0639	0.0220 1.2674	0.0505 3.5891	0.1074	Qua	0.0203	0.4112	0.0243		0.0500				0.9990		0.9900
3 & 4 Methylphenol	0.5775 0.3084	0.0107 1.3168	0.0276 1.6191	0.0541 4.7161	0.1274	Qua	0.0305	0.4789	0.0349						0.9990		0.9900
Hexachloroethane	0.3044 0.1669	0.0065 0.6946	0.0163 0.8155	0.0317 2.1585	0.0751	Ave		0.3531				13.0		15.0			
Nitrobenzene	0.3866 0.1982	0.0068 0.7241	0.0156 0.8360	0.0323 1.7618	0.0773	Ave		0.3837				13.0		15.0			
2,4-Dinitrophenol	0.0638 0.0307	0 0.1788	0 0.2213	0.0005 0.5930	0.0063	Qua	-0.067	0.0820	0.0035		0.0500				0.9970		0.9900
Isophorone	0.6228 0.3157	0.0091 1.1710	0.0251 1.3694	0.0492 2.8235	0.1225	Lin1	-0.046	0.6960							0.9970		0.9900
2-Nitrophenol	0.1548 0.0795	0.0017 0.3046	0.0048 0.3634	0.0123 0.7688	0.0315	Lin1	-0.018	0.1853							0.9950		0.9900
2,4-Dimethylphenol	0.3429 0.1684	0.0055 0.6451	0.0145 0.7632	0.0280 1.6100	0.0674	Ave		0.3389				15.0		15.0			
Bis(2-chloroethoxy)methane	0.3292 0.1654	0.0057 0.6170	0.0146 0.7356	0.0266 1.6017	0.0662	Ave		0.3320				14.0		15.0			
4,6-Dinitro-2-methylphenol	0.0623 0.0351	0 0.1655	0 0.1925	0.0022 0.4771	0.0087	Qua	-0.050	0.0831	0.0019						0.9960		0.9900
2,4-Dichlorophenol	0.2529 0.1304	0.0041 0.4943	0.0109 0.5777	0.0201 1.3137	0.0507	Lin1	-0.025	0.3061							0.9920		0.9900
1,2,4-Trichlorobenzene	0.2906 0.1470	0.0049 0.5578	0.0132 0.6502	0.0270 1.4691	0.0614	Ave		0.3012				13.0		15.0			
Naphthalene	0.9325 0.4659	0.0173 1.7709	0.0428 2.1091	0.0823 4.1325	0.1896	Ave		0.9498				10.0		15.0			
Alpha-Terpineol	0.3176 0.1582	0.0040 0.5952	0.0130 0.7100	0.0261 1.4891	0.0642	Lin2	-0.016	0.3396							0.9920		0.9900
4-Chloroaniline	0.3978 0.1966	0.0059 0.7810	0.0148 0.9583	0.0310 2.2432	0.0725	Lin	-0.306	0.5545							0.9920		0.9900
Hexachlorobutadiene	0.1616 0.0830	0.0028 0.3200	0.0076 0.3833	0.0138 0.8673	0.0336	Lin1	-0.015	0.2007							0.9910		0.9900
Pentachlorophenol	0.0909 0.0401	0 0.1939	0 0.2383	0.0036 0.6479	0.0115	Qua	-0.037	0.0874	0.0038						0.9990		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.1474 0.0699	0.0023 0.2715	0.0054 0.3165	0.0112 0.5949	0.0278	Lin1	-0.008	0.1544							0.9960		0.9900
4-Chloro-3-methylphenol	0.2897 0.1421	0.0042 0.5615	0.0122 0.6576	0.0233 1.4190	0.0539	Lin1	-0.027	0.3393							0.9940		0.9900
4-Nitrophenol	0.2487 0.1191	0 0.5009	0.0051 0.6136	0.0108 1.5148	0.0384	Lin1	-0.077	0.3017			0.0500				0.9900		0.9900
2-Methylnaphthalene	0.6307 0.3228	0.0123 1.2501	0.0294 1.5088	0.0562 3.1195	0.1292	Ave		0.6671				12.0		15.0			
1-Methylnaphthalene	0.6185 0.3146	0.0112 1.2193	0.0269 1.4786	0.0543 3.0733	0.1283	Ave		0.6443				14.0		15.0			
Hexachlorocyclopentadiene	0.2223 0.1117	0.0024 0.4824	0.0067 0.5617	0.0146 1.4319	0.0365	Qua	-0.041	0.2270	0.0067		0.0500				0.9980		0.9900
1,2,4,5-Tetrachlorobenzene	0.2435 0.1262	0.0047 0.5003	0.0114 0.6062	0.0220 1.4389	0.0506	Lin	-0.196	0.3545							0.9900		0.9900
2,4,6-Trichlorophenol	0.3635 0.1757	0.0046 0.6832	0.0143 0.8062	0.0293 1.8308	0.0655	Lin1	-0.040	0.4270							0.9930		0.9900
2,4,5-Trichlorophenol	0.3795 0.1862	0.0051 0.7101	0.0144 0.8338	0.0301 1.8154	0.0717	Lin1	-0.036	0.4341							0.9960		0.9900
1,1'-Biphenyl	1.6205 0.7962	0.0260 3.1108	0.0740 3.7318	0.1394 7.9772	0.3194	Ave		1.6428				15.0		15.0			
2-Chloronaphthalene	1.5502 0.7177	0.0264 3.1341	0.0679 4.0170	0.1315 9.0173	0.2956	Lin	-1.262	2.2417							0.9930		0.9900
Phenyl ether	0.3834 0.1926	0.0067 0.7562	0.0167 0.8905	0.0326 1.9949	0.0775	Lin1	-0.035	0.4662							0.9920		0.9900
4-Nitroaniline	0.4249 0.2096	0.0046 0.7928	0.0157 0.9334	0.0305 2.0503	0.0810	Lin1	-0.046	0.4885							0.9950		0.9900
Dimethyl phthalate	1.4227 0.7271	0.0268 2.6732	0.0618 3.1264	0.1288 6.6401	0.2933	Ave		1.4558				11.0		15.0			
2,6-Dinitrotoluene	0.3092 0.1597	0.0041 0.5699	0.0128 0.6805	0.0262 1.4895	0.0609	Lin2	-0.014	0.3313							0.9920		0.9900
Acenaphthylene	2.0430 1.0140	0.0322 4.0295	0.0860 4.8260	0.1693 9.6273	0.3920	Lin1	-0.169	2.3783							0.9950		0.9900
3-Nitroaniline	0.3260 0.1646	0.0040 0.5861	0.0110 0.6969	0.0263 1.4717	0.0660	Lin2	-0.017	0.3390							0.9900		0.9900
Acenaphthene	1.3105 0.6451	0.0243 2.5257	0.0567 3.0355	0.1136 6.6600	0.2543	Ave		1.3466				14.0		15.0			
2,4-Dinitrotoluene	0.4328 0.2064	0.0056 0.8858	0.0132 1.0809	0.0283 2.6571	0.0761	Lin	-0.175	0.5501							0.9910		0.9900
Dibenzofuran	1.7693 0.8633	0.0303 3.5002	0.0780 4.2303	0.1521 8.8971	0.3384	Lin1	-0.158	2.1272							0.9930		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,3,4,6-Tetrachlorophenol	0.2478 0.1233	0.0033 0.5176	0.0094 0.6246	0.0181 1.5090	0.0483	Lin	-0.091	0.3177							0.9900		0.9900
Diethyl phthalate	1.5352 0.7837	0.0312 2.9230	0.0732 3.4295	0.1388 7.2189	0.3121	Ave		1.6023				9.3		15.0			
Fluorene	1.5494 0.7456	0.0252 3.2390	0.0591 3.9714	0.1214 8.2255	0.2747	Lin	-0.806	2.0763							0.9970		0.9900
4-Chlorophenyl phenyl ether	0.6975 0.3295	0.0109 1.4838	0.0282 1.8170	0.0549 4.4418	0.1304	Qua	-0.126	0.7269	0.0196						0.9990		0.9900
2-Nitroaniline	0.3517 0.2348	0.0043 0.6206	0.0137 0.7548	0.0396 0.5086	0.0927	Lin1	-0.010	0.3891							0.9900		0.9900
Diphenylamine	0.7569 0.3663	0.0122 1.3983	0.0338 1.6475	0.0652 3.6954	0.1479	Ave		0.7542				14.0		15.0			
N-Nitrosodiphenylamine	0.7569 0.3663	0.0122 1.3983	0.0338 1.6475	0.0652 3.6954	0.1479	Ave		0.7542				14.0		15.0			
1,2-Diphenylhydrazine	1.7144 0.8575	0.0267 3.2265	0.0721 3.7516	0.1495 7.5079	0.3496	Ave		1.6910				13.0		15.0			
Azobenzene	1.7144 0.8575	0.0267 3.2265	0.0721 3.7516	0.1495 7.5067	0.3496	Ave		1.6909				13.0		15.0			
Benzophenone	0.8870 0.4250	0.0141 1.6560	0.0356 1.9882	0.0761 4.3650	0.1716	Lin1	-0.077	1.0304							0.9940		0.9900
4-Bromophenyl phenyl ether	0.2005 0.0985	0.0032 0.3929	0.0093 0.4673	0.0181 1.1667	0.0407	Ave		0.2009				14.0		15.0			
Hexachlorobenzene	0.1845 0.0914	0.0032 0.3722	0.0088 0.4473	0.0155 1.1020	0.0370	Ave		0.1875				15.0		15.0			
Atrazine	0.1835 0.0891	0.0021 0.3327	0.0082 0.4020	0.0151 0.8725	0.0350	Lin2	-0.009	0.1944							0.9920		0.9900
Pentachloronitrobenzene	0.1157 0.0537	0.0012 0.2210	0.0037 0.2607	0.0082 0.6071	0.0213	Lin	-0.073	0.1505							0.9940		0.9900
Phenanthrene	1.1458 0.5662	0.0213 2.1596	0.0526 2.6132	0.0987 5.4086	0.2328	Ave		1.1725				11.0		15.0			
Anthracene	1.1543 0.5470	0.0183 2.1577	0.0463 2.6274	0.0925 5.3664	0.2227	Lin1	-0.093	1.3093							0.9960		0.9900
Carbazole	0.9328 0.4872	0.0149 1.7318	0.0438 2.0374	0.0847 4.4575	0.2009	Ave		0.9551				12.0		15.0			
Di-n-butyl phthalate	1.4922 0.7444	0.0314 2.8087	0.0660 3.2988	0.1293 6.2300	0.2988	Ave		1.5134				9.6		15.0			
Fluoranthene	1.0463 0.5148	0.0166 2.0211	0.0421 2.4610	0.0856 5.1832	0.2059	Lin1	-0.098	1.2410							0.9940		0.9900
Benzidine	0.1663 0.0922	0.0019 0.3744	0.0060 0.4543	0.0139 1.0440	0.0342	Lin	-0.149	0.2593							0.9910		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
CURVE EVALUATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Pyrene	1.4461 0.7300	0.0283 2.6269	0.0720 2.9880	0.1390 5.3228	0.3032	Ave		1.4595				6.0		15.0			
Butyl benzyl phthalate	0.8232 0.4148	0.0122 1.4606	0.0324 1.6765	0.0725 3.1465	0.1662	Ave		0.7784				13.0		15.0			
3,3'-Dichlorobenzidine	0.2692 0.1482	0.0031 0.4917	0.0093 0.5778	0.0194 1.2290	0.0572	Lin1	-0.023	0.3006							0.9980		0.9900
Benzo[a]anthracene	0.9768 0.5165	0.0182 1.7784	0.0411 2.0920	0.0857 4.1246	0.2092	Ave		0.9819				9.9		15.0			
Chrysene	0.9452 0.4798	0.0180 1.9084	0.0438 2.3034	0.0834 4.8233	0.1993	Ave		1.0066				14.0		15.0			
Bis(2-ethylhexyl) phthalate	1.1622 0.5776	0.0199 2.2209	0.0463 2.6623	0.0956 4.8288	0.2230	Ave		1.1372				14.0		15.0			
Di-n-octyl phthalate	2.6361 1.1680	0.0273 4.8625	0.0741 5.7538	0.1599 12.699	0.4546	Lin1	-0.351	3.0060							0.9930		0.9900
Benzo[b]fluoranthene	1.3369 0.6785	0.0284 2.6173	0.0603 2.9491	0.1164 7.0606	0.2734	Ave		1.4141				14.0		15.0			
Benzo[k]fluoranthene	1.1924 0.5881	0.0171 2.1737	0.0485 2.5903	0.1054 5.5482	0.2539	Ave		1.1729				15.0		15.0			
Benzo[a]pyrene	0.9450 0.4750	0.0108 1.8006	0.0284 2.0543	0.0666 4.4173	0.1803	Lin1	-0.102	1.0731							0.9960		0.9900
Indeno[1,2,3-cd]pyrene	0.5180 0.2667	0.0104 1.2214	0.0249 1.2215	0.0430 2.6190	0.1055	Lin	-0.135	0.6624							0.9910		0.9900
Dibenz(a,h)anthracene	0.4807 0.2676	0.0087 0.9481	0.0218 1.1979	0.0333 2.4732	0.0901	Lin1	-0.047	0.5920							0.9930		0.9900
Benzo[g,h,i]perylene	0.5302 0.2988	0.0115 0.9805	0.0283 1.2258	0.0445 2.3352	0.1159	Ave		0.5672				9.2		15.0			
2-Fluorophenol	0.5076 0.2688	0.0114 1.0787	0.0230 1.2263	0.0512 3.0075	0.1090	Ave		0.5525				12.0		15.0			
Phenol-d5	0.7444 0.3912	0.0138 1.6695	0.0375 2.0570	0.0730 6.1139	0.1623	Qua	0.0684	0.5834	0.0471						0.9990		0.9900
Nitrobenzene-d5	0.3963 0.1982	0.0067 0.7378	0.0173 0.8578	0.0334 1.7541	0.0812	Ave		0.3937				12.0		15.0			
2-Fluorobiphenyl	1.4918 0.7311	0.0265 2.8571	0.0646 3.3131	0.1329 7.2797	0.2855	Ave		1.5101				13.0		15.0			
2,4,6-Tribromophenol	0.0832 0.0385	0.0012 0.1598	0.0030 0.1934	0.0061 0.5084	0.0157	Lin1	-0.008	0.0938							0.9910		0.9900
Terphenyl-d14	0.8629 0.4195	0.0167 1.6247	0.0417 1.8706	0.0808 3.8824	0.1819	Ave		0.8899				8.0		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
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD5 360-49981/2	B10766.D
Level 2	STD01 360-49981/3	B10767.D
Level 3	STD025 360-49981/4	B10768.D
Level 4	STD05 360-49981/5	B10769.D
Level 5	STD1 360-49981/6	B10770.D
Level 6	STD25 360-49981/7	B10771.D
Level 7	STD8 360-49981/8	B10772.D
Level 8	STD10 360-49981/9	B10773.D
Level 9	STD20 360-49981/10	B10774.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Lin	129867 54071	4659 190152	10300 216016	12381 470230	26496	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Pyridine	DCB	Lin	339239 132938	0 491885	12359 574930	24564 1245527	53642	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
N-Nitrosodimethylamine	DCB	Lin	362272 154357	7464 534106	12504 628187	30838 1352104	65943	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzaldehyde	DCB	Lin	183058 79204	2508 269205	9141 328514	13243 692354	31619	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Aniline	DCB	Qua	607071 247319	8549 967699	21976 1168710	44080 3028090	93598	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Phenol	DCB	Qua	584799 232801	5852 933177	24437 1155564	44933 3002917	93387	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Bis(2-chloroethyl)ether	DCB	Ave	369474 155030	5734 549031	16365 660080	31557 1702777	58692	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Chlorophenol	DCB	Ave	422275 179373	6504 641195	17305 771486	36605 1856006	71675	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,4-Dichlorobenzene	DCB	Ave	496015 214654	8927 771078	23025 913134	41816 2213503	83539	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,3-Dichlorobenzene	DCB	Ave	522953 225800	9546 801323	22338 961950	43315 2321656	89229	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,2-Dichlorobenzene	DCB	Ave	498748 207660	8533 782643	20645 956789	41591 2396527	83517	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzyl alcohol	DCB	Qua	434341 166608	5256 702785	12625 855130	29474 2075193	60135	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzoic acid	NPT	Qua	147260 42838	0 327509	917 408935	3316 1113083	8470	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Methylphenol	DCB	Ave	381442 158107	5578 587815	15844 716383	29887 1813833	61807	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,2'-oxybis[1-chloropropane]	DCB	Ave	706940 297741	12614 1053469	32769 1279816	61374 3047459	122856	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Acetophenone	DCB	Ave	580526 244986	7942 895702	23941 1082451	44540 2655857	95437	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
N-Nitrosodi-n-propylamine	DCB	Qua	317607 130291	4007 505878	11770 608855	26899 1578801	51621	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
3 & 4 Methylphenol	DCB	Qua	389478 164210	5452 626086	14714 777846	28790 2074541	61235	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Hexachloroethane	DCB	Ave	205292 88880	3303 330268	8714 391763	16892 949490	36112	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Nitrobenzene	NPT	Ave	511588 219861	8226 794392	19447 945945	40478 2242420	82906	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4-Dinitrophenol	ANT	Qua	38820 16069	0 93481	0 121074	266 351812	3199	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Isophorone	NPT	Lin1	824074 350164	11107 1284545	31256 1549620	61690 3593788	131373	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Nitrophenol	NPT	Lin1	204809 88180	2070 334110	5993 411269	15406 978613	33750	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4-Dimethylphenol	NPT	Ave	453710 186827	6700 707731	18122 863622	35197 2049325	72248	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	435636 183445	6935 676842	18200 832430	33383 2038640	71052	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	60160 29966	0 142541	0 174828	1966 474420	6987	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4-Dichlorophenol	NPT	Lin1	334644 144625	4986 542210	13560 653763	25275 1672074	54331	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,2,4-Trichlorobenzene	NPT	Ave	384555 163044	5929 611858	16495 735705	33886 1869961	65804	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Naphthalene	NPT	Ave	1233892 516784	21020 1942655	53281 2386588	103239 5259972	203336	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Alpha-Terpineol	NPT	Lin2	420276 175516	4813 652939	16237 803369	32699 1895394	68909	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Chloroaniline	NPT	Lin	526450 218069	7137 856780	18422 1084346	38901 2855172	77712	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Hexachlorobutadiene	NPT	Lin1	213827 92042	3379 351044	9464 433695	17277 1103882	36076	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Pentachlorophenol	PHN	Qua	87795 34166	0 166991	0 216396	3266 644287	9185	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Caprolactam	NPT	Lin1	195034 77581	2805 297851	6779 358173	14031 757154	29851	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Chloro-3-methylphenol	NPT	Lin1	383400 157621	5096 616014	15211 744079	29190 1806092	57817	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Nitrophenol	ANT	Lin1	151289 62301	0 261888	2857 335697	6184 898703	19342	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Methylnaphthalene	NPT	Ave	834599 358041	15012 1371364	36625 1707384	70507 3970592	138558	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1-Methylnaphthalene	NPT	Ave	818366 348945	13600 1337588	33529 1673203	68141 3911839	137613	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Hexachlorocyclopentadiene	ANT	Qua	135195 58445	1350 252201	3744 307304	8319 849537	18365	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,2,4,5-Tetrachlorobenzene	NPT	Lin	322235 139981	5739 548857	14163 686012	27564 1831459	54241	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4,6-Trichlorophenol	ANT	Lin1	221118 91902	2581 357177	8014 441074	16675 1086197	32985	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4,5-Trichlorophenol	ANT	Lin1	230860 97366	2865 371239	8049 456183	17167 1077060	36119	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,1'-Biphenyl	ANT	Ave	985687 416429	14694 1626413	41422 2041743	79441 4732708	160893	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Chloronaphthalene	ANT	Lin	942960 375367	14931 1638604	37992 2197783	74928 5349752	148901	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Phenyl ether	NPT	Lin1	507289 213649	8124 829608	20836 1007685	40908 2539240	83121	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Nitroaniline	ANT	Lin1	258467 109618	2578 414502	8813 510660	17366 1216386	40822	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Dimethyl phthalate	ANT	Ave	865391 380281	15184 1397627	34584 1710520	73394 3939445	147781	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,6-Dinitrotoluene	ANT	Lin2	188080 83538	2301 297957	7178 372329	14930 883703	30704	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Acenaphthylene	ANT	Lin1	1242739 530325	18225 2106738	48122 2640436	96527 5711636	197484	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
3-Nitroaniline	ANT	Lin2	198294 86111	2251 306418	6147 381284	15014 873132	33274	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Acenaphthene	ANT	Ave	797150 337425	13759 1320510	31765 1660784	64748 3951204	128092	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4-Dinitrotoluene	ANT	Lin	263276 107927	3143 463096	7395 591359	16143 1576425	38360	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Dibenzofuran	ANT	Lin1	1076233 451545	17172 1829970	43637 2314474	86721 5278457	170473	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,3,4,6-Tetrachlorophenol	ANT	Lin	150753 64512	1842 270599	5254 341734	10343 895227	24335	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Diethyl phthalate	ANT	Ave	933854 409881	17655 1528228	40982 1876340	79142 4282830	157215	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Fluorene	ANT	Lin	942492 389959	14246 1693454	33094 2172862	69189 4879982	138373	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chlorophenyl phenyl ether	ANT	Qua	424291 172322	6188 775747	15805 994146	31319 2635217	65676	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Nitroaniline	ANT	Lin1	213932 122814	2417 324454	7677 412994	22561 301763	46721	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Diphenylamine	PHN	Ave	731399 312436	11136 1204016	29278 1496250	58825 3674855	118222	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
N-Nitrosodiphenylamine	PHN	Ave	731399 312436	11136 1204016	29278 1496250	58825 3674855	118222	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
1,2-Diphenylhydrazine	PHN	Ave	1656520 731357	24422 2778293	62402 3407084	135008 7466074	279375	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Azobenzene	PHN	Ave	1656520 731357	24422 2778293	62402 3407084	135008 7464849	279375	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzophenone	PHN	Lin1	857042 362514	12867 1425913	30818 1805666	68711 4340706	137123	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
4-Bromophenyl phenyl ether	PHN	Ave	193756 84016	2926 338330	8053 424427	16357 1160223	32521	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Hexachlorobenzene	PHN	Ave	178281 77954	2942 320470	7585 406230	14032 1095886	29551	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Atrazine	PHN	Lin2	177311 75982	1936 286497	7110 365056	13656 867646	27959	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Pentachloronitrobenzene	PHN	Lin	111801 45804	1084 190334	3238 236797	7405 603709	17052	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Phenanthrene	PHN	Ave	1107098 482877	19448 1859595	45513 2373224	89110 5378508	186030	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Anthracene	PHN	Lin1	1115359 466491	16708 1857954	40066 2386165	83500 5336524	178002	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Carbazole	PHN	Ave	901338 415550	13642 1491194	37928 1850333	76458 4432672	160515	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Di-n-butyl phthalate	PHN	Ave	1441901 634915	28738 2418533	57115 2995943	116711 6195345	238813	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Fluoranthene	PHN	Lin1	1010984 439058	15174 1740329	36467 2235073	77255 5154339	164539	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzidine	PHN	Lin	160654 78612	1721 322380	5175 412560	12590 1038218	27354	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Pyrene	CRY	Ave	1061452 463457	16511 1859896	38749 2363881	81864 5384263	166527	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Butyl benzyl phthalate	CRY	Ave	604258 263322	7133 1034167	17404 1326289	42711 3182785	91275	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
3,3'-Dichlorobenzidine	CRY	Lin1	197574 94105	1807 348168	4979 457094	11425 1243240	31421	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzo[a]anthracene	CRY	Ave	716994 327950	10638 1259122	22131 1654984	50481 4172228	114890	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00

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

Lab Name: TestAmerica Westfield Job No.: 360-24665-2 Analy Batch No.: 49981

SDG No.: OCRI-17A

Instrument ID: Inst. B GC Column: Rtx-5ms ID: 0.25(um) Heated Purge: (Y/N) N

Calibration Start Date: 10/06/2009 17:17 Calibration End Date: 10/06/2009 20:59 Calibration ID: 5018

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Chrysene	CRY	Ave	693764 304636	10468 1351215	23562 1822215	49132 4879039	109474	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	853080 366715	11589 1572445	24914 2106195	56294 4884511	122476	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Di-n-octyl phthalate	PRY	Lin1	1087299 473855	8368 1909468	20995 2539483	52686 5528985	143526	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzo[b]fluoranthene	PRY	Ave	551425 275275	8714 1027804	17080 1301598	38358 3074009	86321	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzo[k]fluoranthene	PRY	Ave	491814 238592	5234 853592	13740 1143271	34748 2415573	80159	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzo[a]pyrene	PRY	Lin1	389766 192696	3314 707085	8045 906664	21942 1923196	56916	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Indeno[1,2,3-cd]pyrene	PRY	Lin	213679 108185	3199 479634	7060 539135	14164 1140267	33305	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Dibenz(a,h)anthracene	PRY	Lin1	198286 108550	2679 372310	6173 528690	10979 1076762	28450	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Benzo[g,h,i]perylene	PRY	Ave	218704 121229	3540 385038	8014 541027	14678 1016711	36591	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Fluorophenol	DCB	Ave	342393 143152	5786 512874	12300 589108	27265 1322934	52404	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Phenol-d5	DCB	Qua	502070 208329	6996 793790	20012 988175	38895 2689419	78054	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Nitrobenzene-d5	NPT	Ave	524375 219836	8204 809377	21531 970642	41923 2232631	87077	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2-Fluorobiphenyl	ANT	Ave	907420 382382	15030 1493775	36148 1812685	75731 4318875	143824	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
2,4,6-Tribromophenol	PHN	Lin1	80389 32873	1078 137572	2605 175639	5489 505562	12527	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00
Terphenyl-d14	CRY	Ave	633372 266309	9721 1150303	22441 1479863	47604 3927244	99925	5.00 5.00	5.00 5.00	5.00 5.00	5.00 5.00	5.00

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10766.D		
Lims ID:	std5	Client ID:	
Inject. Date:	06-Oct-2009 17:17:30	Dil. Factor:	1.0000
Sample Type:	ICIS, ICal ISTD Check	Calib Level:	6
Sample ID:	5.0 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	2
Lims Batch ID:	49981	Lims Sample ID:	2
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:21	Calib Date:	06-Oct-2009 17:17:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10766.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:39:03
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:21

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.282	6.282	0.000	269789	2.00	
* 2 Naphthalene-d8	136	7.441	7.441	0.000	529295	2.00	
* 3 Acenaphthene-d10	164	8.922	8.922	0.000	243311	2.00	
* 4 Phenanthrene-d10	188	10.148	10.148	0.000	386504	2.00	
* 5 Chrysene-d12	240	12.389	12.389	0.000	293603	2.00	
* 6 Perylene-d12	264	14.544	14.544	0.000	164988	2.00	
$ 7 2-Fluorophenol	112	4.705	4.705	0.000	342393	5.00	
$ 8 Phenol-d5	99	5.965	5.965	0.000	502070	5.00	
$ 9 Nitrobenzene-d5	82	6.811	6.811	0.000	524375	5.00	
$ 10 2-Fluorobiphenyl	172	8.364	8.364	0.000	907420	5.00	
$ 11 2,4,6-Tribromophenol	330	9.576	9.576	0.000	80389	5.00	
$ 12 Terphenyl-d14	244	11.466	11.466	0.000	633372	5.00	
14 1,4-Dioxane	88	1.680	1.680	0.000	129867	5.00	
16 Pyridine	79	2.036	2.036	0.000	339239	5.00	
15 N-Nitrosodimethylamine	42	2.055	2.055	0.000	362272	5.00	
17 Benzaldehyde	105	5.835	5.835	0.000	183058	5.00	
19 Aniline	93	5.960	5.960	0.000	607071	5.00	
18 Phenol	94	5.979	5.979	0.000	584799	5.00	
20 Bis(2-chloroethyl)ether	93	6.051	6.051	0.000	369474	5.00	
21 2-Chlorophenol	128	6.071	6.071	0.000	422275	5.00	
22 1,4-Dichlorobenzene	146	6.220	6.220	0.000	496015	5.00	5
23 1,3-Dichlorobenzene	146	6.297	6.297	0.000	522953	5.00	
24 Benzyl alcohol	79	6.441	6.441	0.000	434341	5.00	
25 1,2-Dichlorobenzene	146	6.441	6.441	0.000	498748	5.00	
26 2-Methylphenol	108	6.561	6.561	0.000	381442	5.00	
27 2,2'-oxybis[1-chloropropane]	45	6.575	6.575	0.000	706940	5.00	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.681	6.681	0.000	580526	5.00	
29 N-Nitrosodi-n-propylamine	70	6.696	6.696	0.000	317607	5.00	
28 3 & 4 Methylphenol	108	6.710	6.710	0.000	389478	5.00	
31 Hexachloroethane	117	6.753	6.753	0.000	205292	5.00	
32 Nitrobenzene	77	6.830	6.830	0.000	511588	5.00	
33 Isophorone	82	7.052	7.052	0.000	824074	5.00	
34 2-Nitrophenol	139	7.119	7.119	0.000	204809	5.00	
35 2,4-Dimethylphenol	107	7.177	7.177	0.000	453710	5.00	
37 Bis(2-chloroethoxy)methane	93	7.254	7.254	0.000	435636	5.00	
36 Benzoic acid	105	7.263	7.263	0.000	147260	5.00	
38 2,4-Dichlorophenol	162	7.330	7.330	0.000	334644	5.00	
39 1,2,4-Trichlorobenzene	180	7.398	7.398	0.000	384555	5.00	
41 Naphthalene	128	7.460	7.460	0.000	1233892	5.00	
40 Alpha-Terpineol	59	7.484	7.484	0.000	420276	5.00	
42 4-Chloroaniline	127	7.523	7.523	0.000	526450	5.00	
43 Hexachlorobutadiene	225	7.581	7.581	0.000	213827	5.00	
44 Caprolactam	55	7.811	7.811	0.000	195034	5.00	
45 4-Chloro-3-methylphenol	107	7.946	7.946	0.000	383400	5.00	
46 2-Methylnaphthalene	142	8.057	8.057	0.000	834599	5.00	
47 1-Methylnaphthalene	142	8.138	8.138	0.000	818366	5.00	5
48 Hexachlorocyclopentadiene	237	8.191	8.191	0.000	135195	5.00	
49 1,2,4,5-Tetrachlorobenzene	216	8.196	8.196	0.000	322235	5.00	
50 2,4,6-Trichlorophenol	196	8.297	8.297	0.000	221118	5.00	5
51 2,4,5-Trichlorophenol	196	8.331	8.331	0.000	230860	5.00	
52 1,1'-Biphenyl	154	8.451	8.451	0.000	985687	5.00	
53 2-Chloronaphthalene	162	8.461	8.461	0.000	942960	5.00	
54 Phenyl ether	170	8.537	8.537	0.000	507289	5.00	
68 4-Nitroaniline	138	8.552	8.552	0.000	258467	5.00	
56 Dimethyl phthalate	163	8.711	8.711	0.000	865391	5.00	
57 2,6-Dinitrotoluene	165	8.759	8.759	0.000	188080	5.00	
58 Acenaphthylene	152	8.807	8.807	0.000	1242739	5.00	
59 3-Nitroaniline	138	8.893	8.893	0.000	198294	5.00	
61 Acenaphthene	153	8.951	8.951	0.000	797150	5.00	
60 2,4-Dinitrophenol	184	8.980	8.980	0.000	38820	5.00	
62 4-Nitrophenol	109	9.038	9.038	0.000	151289	5.00	
64 Dibenzofuran	168	9.090	9.090	0.000	1076233	5.00	
63 2,4-Dinitrotoluene	165	9.090	9.090	0.000	263276	5.00	
65 2,3,4,6-Tetrachlorophenol	232	9.196	9.196	0.000	150753	5.00	5
66 Diethyl phthalate	149	9.292	9.292	0.000	933854	5.00	
69 Fluorene	166	9.374	9.374	0.000	942492	5.00	
67 4-Chlorophenyl phenyl ether	204	9.379	9.379	0.000	424291	5.00	
55 2-Nitroaniline	65	9.393	9.393	0.000	213932	5.00	
70 4,6-Dinitro-2-methylphenol	198	9.422	9.422	0.000	60160	5.00	
71 Diphenylamine	169	9.475	9.475	0.000	731399	5.00	
72 N-Nitrosodiphenylamine	169	9.475	9.475	0.000	731399	5.00	
73 1,2-Diphenylhydrazine	77	9.509	9.509	0.000	1656520	5.00	
74 Azobenzene	77	9.509	9.509	0.000	1656520	5.00	
13 Benzophenone	105	9.518	9.518	0.000	857042	5.00	
75 4-Bromophenyl phenyl ether	248	9.778	9.778	0.000	193756	5.00	
76 Hexachlorobenzene	284	9.831	9.831	0.000	178281	5.00	
77 Atrazine	200	9.922	9.922	0.000	177311	5.00	
78 Pentachlorophenol	266	9.995	9.995	0.000	87795	5.00	

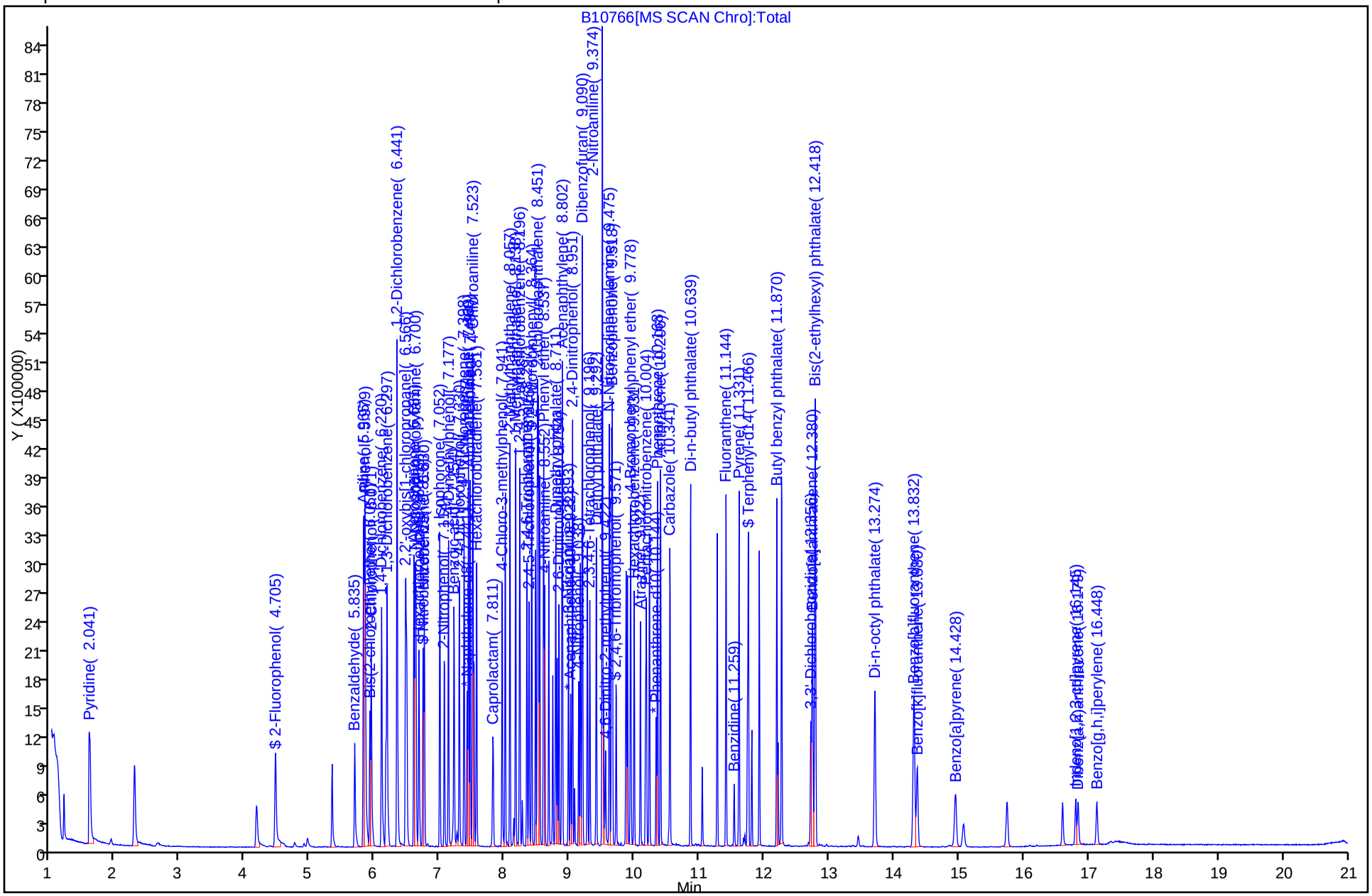
Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.004	10.004	0.000	111801	5.00	
80 Phenanthrene	178	10.168	10.168	0.000	1107098	5.00	5
81 Anthracene	178	10.206	10.206	0.000	1115359	5.00	
83 Carbazole	167	10.341	10.341	0.000	901338	5.00	
84 Di-n-butyl phthalate	149	10.639	10.639	0.000	1441901	5.00	
87 Fluoranthene	202	11.144	11.144	0.000	1010984	5.00	
86 Benzidine	184	11.259	11.259	0.000	160654	5.00	
85 Pyrene	202	11.331	11.331	0.000	1061452	5.00	
89 Butyl benzyl phthalate	149	11.870	11.870	0.000	604258	5.00	
91 3,3'-Dichlorobenzidine	252	12.356	12.356	0.000	197574	5.00	
93 Benzo[a]anthracene	228	12.380	12.380	0.000	716994	5.00	
94 Chrysene	228	12.418	12.418	0.000	693764	5.00	5
92 Bis(2-ethylhexyl) phthalate	149	12.423	12.423	0.000	853080	5.00	
95 Di-n-octyl phthalate	149	13.274	13.274	0.000	1087299	5.00	
97 Benzo[b]fluoranthene	252	13.832	13.832	0.000	551425	5.00	
98 Benzo[k]fluoranthene	252	13.880	13.880	0.000	491814	5.00	5
99 Benzo[a]pyrene	252	14.423	14.423	0.000	389766	5.00	
100 Indeno[1,2,3-cd]pyrene	276	16.145	16.145	0.000	213679	5.00	
101 Dibenz(a,h)anthracene	278	16.179	16.179	0.000	198286	5.00	
102 Benzo[g,h,i]perylene	276	16.448	16.448	0.000	218704	5.00	

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Report Date: 07-Oct-2009 16:00:21 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10766.D		
Inj Date:	06-Oct-2009 17:17:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	2
Client ID:		Instrument:	Inst. B
Sample Info:	5.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Lims ID:	std01	Client ID:	
Inject. Date:	06-Oct-2009 17:44:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	1
Sample ID:	0.1 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	3
Lims Batch ID:	49981	Lims Sample ID:	3
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:26	Calib Date:	06-Oct-2009 17:44:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:21:50
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:26

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.278	6.282	-0.004	203070	2.00	
* 2 Naphthalene-d8	136	7.442	7.441	0.001	486969	2.00	
* 3 Acenaphthene-d10	164	8.918	8.922	-0.004	226463	2.00	
* 4 Phenanthrene-d10	188	10.144	10.148	-0.004	365885	2.00	
* 5 Chrysene-d12	240	12.385	12.389	-0.004	233167	2.00	
* 6 Perylene-d12	264	14.535	14.544	-0.009	122752	2.00	
$ 7 2-Fluorophenol	112	4.701	4.705	-0.004	5786	0.1058	
$ 8 Phenol-d5	99	5.961	5.965	-0.004	6996	0.0961	
$ 9 Nitrobenzene-d5	82	6.812	6.811	0.001	8204	0.0919	
$ 10 2-Fluorobiphenyl	172	8.365	8.364	0.001	15030	0.0942	
$ 11 2,4,6-Tribromophenol	330	9.572	9.576	-0.004	1078	0.1000	
$ 12 Terphenyl-d14	244	11.462	11.466	-0.004	9721	0.0983	
14 1,4-Dioxane	88	1.662	1.680	-0.018	4659	0.1000	
15 N-Nitrosodimethylamine	42	2.032	2.055	-0.023	7464	0.1000	
17 Benzaldehyde	105	5.836	5.835	0.001	2508	0.0953	
19 Aniline	93	5.956	5.960	-0.004	8549	0.0967	
18 Phenol	94	5.970	5.979	-0.009	5852	0.1000	
20 Bis(2-chloroethyl)ether	93	6.047	6.051	-0.004	5734	0.1015	
21 2-Chlorophenol	128	6.067	6.071	-0.004	6504	0.1011	
22 1,4-Dichlorobenzene	146	6.220	6.220	0.000	8927	0.1089	
23 1,3-Dichlorobenzene	146	6.297	6.297	0.000	9546	0.1096	
24 Benzyl alcohol	79	6.437	6.441	-0.004	5256	0.0891	
25 1,2-Dichlorobenzene	146	6.442	6.441	0.001	8533	0.1064	
26 2-Methylphenol	108	6.557	6.561	-0.004	5578	0.0985	
27 2,2'-oxybis[1-chloropropane]	45	6.576	6.575	0.001	12614	0.1085	
30 Acetophenone	105	6.682	6.681	0.001	7942	0.0952	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
29 N-Nitrosodi-n-propylamine	70	6.692	6.696	-0.004	4007	0.0912	
28 3 & 4 Methylphenol	108	6.711	6.710	0.001	5452	0.0964	
31 Hexachloroethane	117	6.754	6.753	0.001	3303	0.1033	
32 Nitrobenzene	77	6.826	6.830	-0.004	8226	0.0933	
33 Isophorone	82	7.048	7.052	-0.004	11107	0.1000	
34 2-Nitrophenol	139	7.120	7.119	0.001	2070	0.1000	
35 2,4-Dimethylphenol	107	7.173	7.177	-0.004	6700	0.0890	
37 Bis(2-chloroethoxy)methane	93	7.254	7.254	0.000	6935	0.0928	
38 2,4-Dichlorophenol	162	7.331	7.330	0.001	4986	0.0895	
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	5929	0.0912	
41 Naphthalene	128	7.461	7.460	0.001	21020	0.0961	
40 Alpha-Terpineol	59	7.480	7.484	-0.004	4813	0.1000	
42 4-Chloroaniline	127	7.519	7.523	-0.004	7137	0.1000	
43 Hexachlorobutadiene	225	7.577	7.581	-0.003	3379	0.0924	
44 Caprolactam	55	7.783	7.811	-0.028	2805	0.1000	
45 4-Chloro-3-methylphenol	107	7.937	7.946	-0.009	5096	0.1000	
46 2-Methylnaphthalene	142	8.053	8.057	-0.004	15012	0.0989	
47 1-Methylnaphthalene	142	8.134	8.138	-0.004	13600	0.0949	
48 Hexachlorocyclopentadiene	237	8.192	8.191	0.001	1350	0.1000	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	5739	0.0984	
50 2,4,6-Trichlorophenol	196	8.293	8.297	-0.004	2581	0.1000	
51 2,4,5-Trichlorophenol	196	8.327	8.331	-0.004	2865	0.1000	
52 1,1'-Biphenyl	154	8.447	8.451	-0.004	14694	0.1000	
53 2-Chloronaphthalene	162	8.457	8.461	-0.003	14931	0.0919	
54 Phenyl ether	170	8.533	8.537	-0.004	8124	0.0931	
68 4-Nitroaniline	138	8.548	8.552	-0.004	2578	0.1000	
56 Dimethyl phthalate	163	8.702	8.711	-0.009	15184	0.0970	
57 2,6-Dinitrotoluene	165	8.750	8.759	-0.009	2301	0.1000	
58 Acenaphthylene	152	8.803	8.807	-0.004	18225	0.1000	
59 3-Nitroaniline	138	8.889	8.893	-0.004	2251	0.1000	
61 Acenaphthene	153	8.947	8.951	-0.004	13759	0.0962	
64 Dibenzofuran	168	9.091	9.090	0.001	17172	0.0923	
63 2,4-Dinitrotoluene	165	9.082	9.090	-0.008	3143	0.1000	M
65 2,3,4,6-Tetrachlorophenol	232	9.197	9.196	0.001	1842	0.1000	
66 Diethyl phthalate	149	9.284	9.292	-0.008	17655	0.1008	
69 Fluorene	166	9.375	9.374	0.001	14246	0.0896	
67 4-Chlorophenyl phenyl ether	204	9.375	9.379	-0.004	6188	0.1000	
55 2-Nitroaniline	65	9.389	9.393	-0.004	2417	0.1000	
71 Diphenylamine	169	9.471	9.475	-0.004	11136	0.0891	
72 N-Nitrosodiphenylamine	169	9.471	9.475	-0.004	11136	0.0891	
73 1,2-Diphenylhydrazine	77	9.505	9.509	-0.004	24422	0.1000	
74 Azobenzene	77	9.505	9.509	-0.004	24422	0.1000	
13 Benzophenone	105	9.514	9.518	-0.004	12867	0.1000	
75 4-Bromophenyl phenyl ether	248	9.779	9.778	0.001	2926	0.1000	
76 Hexachlorobenzene	284	9.827	9.831	-0.004	2942	0.0931	
77 Atrazine	200	9.918	9.922	-0.004	1936	0.1000	
79 Pentachloronitrobenzene	237	10.000	10.004	-0.004	1084	0.1000	
80 Phenanthrene	178	10.164	10.168	-0.004	19448	0.0963	
81 Anthracene	178	10.202	10.206	-0.004	16708	0.1000	
83 Carbazole	167	10.342	10.341	0.001	13642	0.1000	
84 Di-n-butyl phthalate	149	10.635	10.639	-0.004	28738	0.1026	
87 Fluoranthene	202	11.145	11.144	0.001	15174	0.1000	

Report Date: 07-Oct-2009 16:00:27 Chrom Revision: 1.1 01-Oct-2009 08:19:20
Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
86 Benzidine	184	11.255	11.259	-0.004	1721	0.1000	
85 Pyrene	202	11.327	11.331	-0.004	16511	0.0990	
89 Butyl benzyl phthalate	149	11.871	11.870	0.001	7133	0.1000	
91 3,3'-Dichlorobenzidine	252	12.352	12.356	-0.004	1807	0.1000	
93 Benzo[a]anthracene	228	12.376	12.380	-0.004	10638	0.0966	
94 Chrysene	228	12.409	12.418	-0.009	10468	0.0974	
92 Bis(2-ethylhexyl) phthalate	149	12.424	12.423	0.001	11589	0.0922	
95 Di-n-octyl phthalate	149	13.265	13.274	-0.009	8368	0.1000	
97 Benzo[b]fluoranthene	252	13.828	13.832	-0.004	8714	0.1030	
98 Benzo[k]fluoranthene	252	13.881	13.880	0.001	5234	0.1000	M
99 Benzo[a]pyrene	252	14.429	14.423	0.006	3314	0.1000	
100 Indeno[1,2,3-cd]pyrene	276	16.141	16.145	-0.004	3199	0.1003	
101 Dibenz(a,h)anthracene	278	16.165	16.179	-0.014	2679	0.0952	
102 Benzo[g,h,i]perylene	276	16.434	16.448	-0.014	3540	0.1042	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 07-Oct-2009 16:00:27 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D

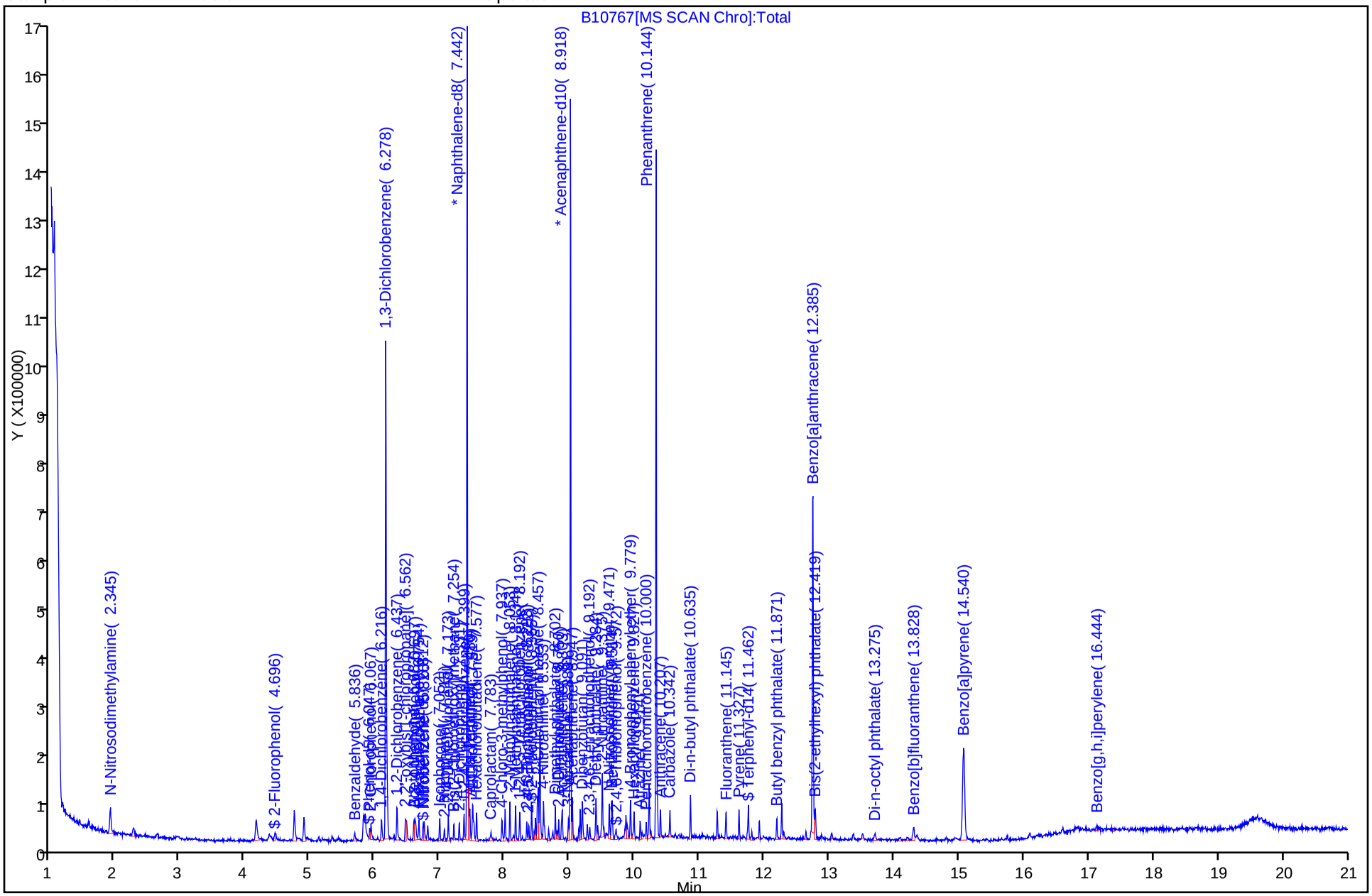
Inj Date: 06-Oct-2009 17:44:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 3

Client ID: Instrument: Inst. B

Sample Info: 0.1 ug/mL

Sample Amount: 1.00 ul Operator: MZ



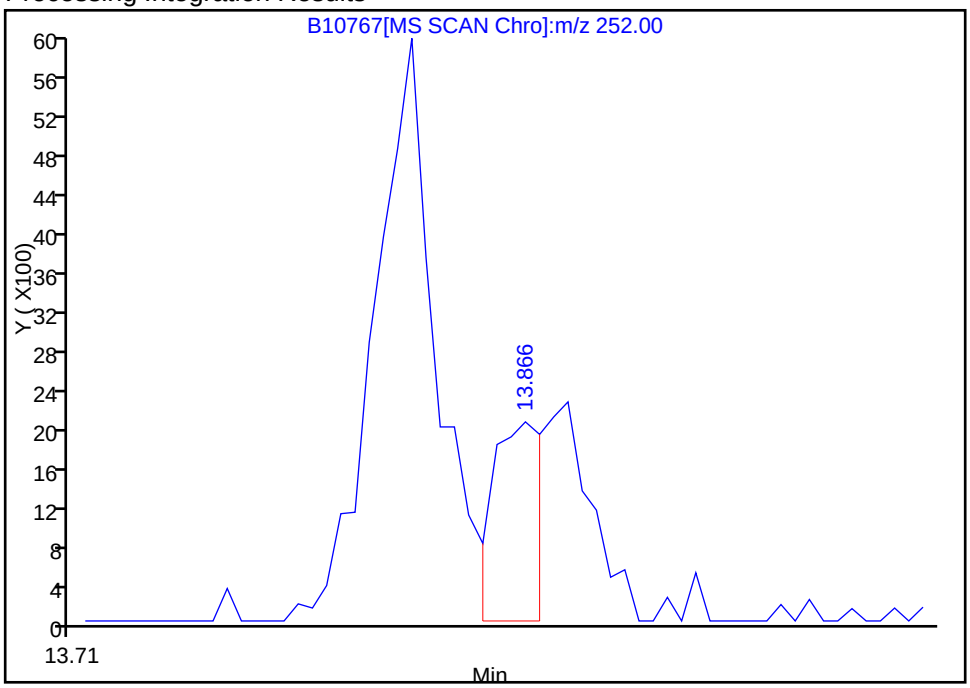
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

98 Benzo[k]fluoranthene, Number: 1, m/z: 252 Type: quant, RT: 13.88

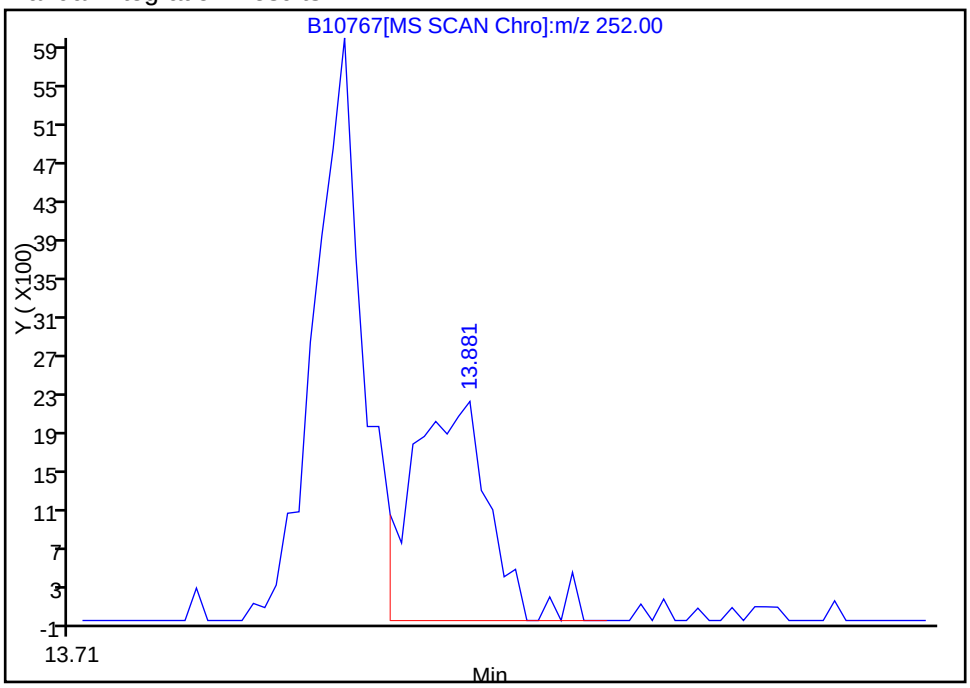
Processing Integration Results

RT: 13.87
Response: 2446
Amount: 0.510594



Manual Integration Results

RT: 13.88
Response: 5234
Amount: 0.100000



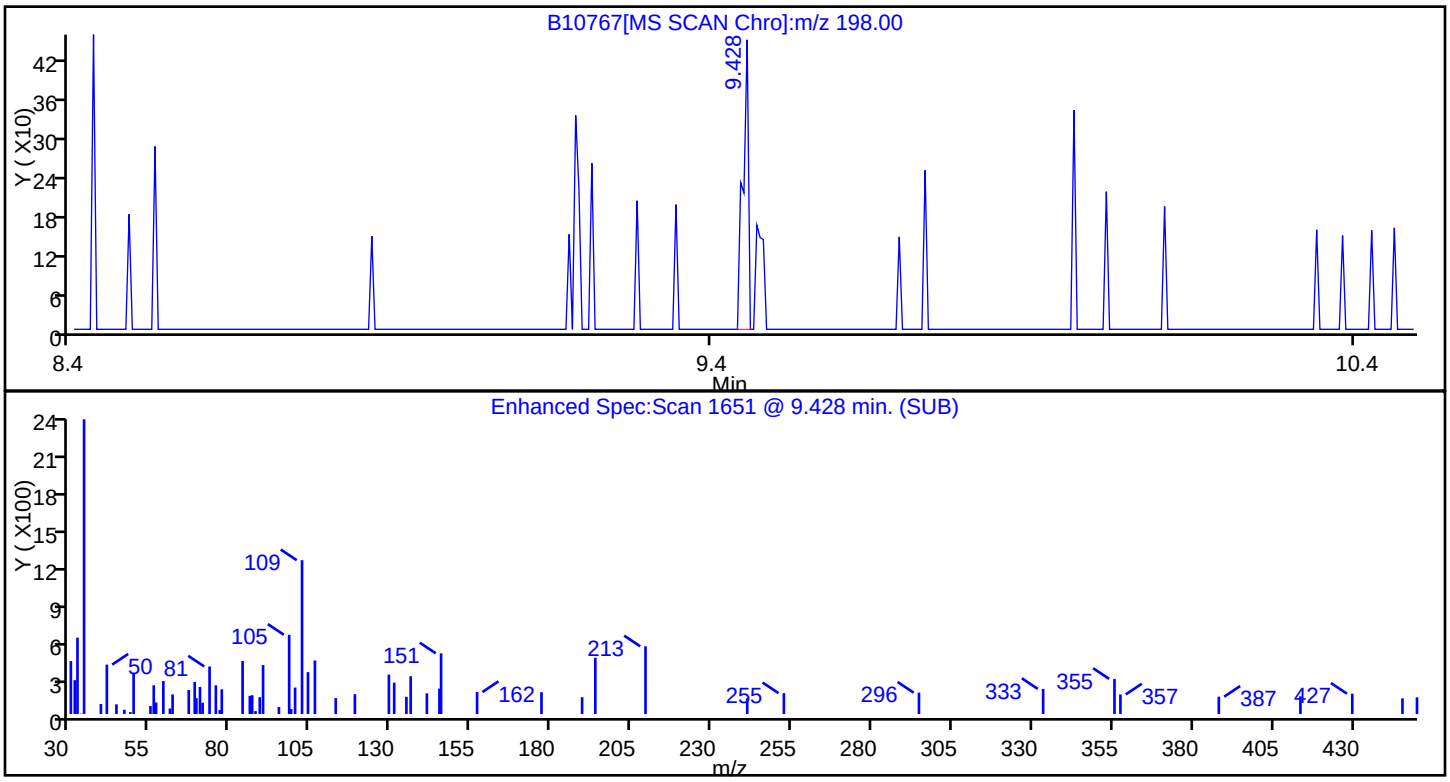
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Manually Integrated
Audit Reason: Assign Peak

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

70 4,6-Dinitro-2-methylphenol

Processing Results



RT	Mass	Response	Amount
9.43	198.00	256	0.399775
9.42	121.00	68	
9.43	105.00	182	

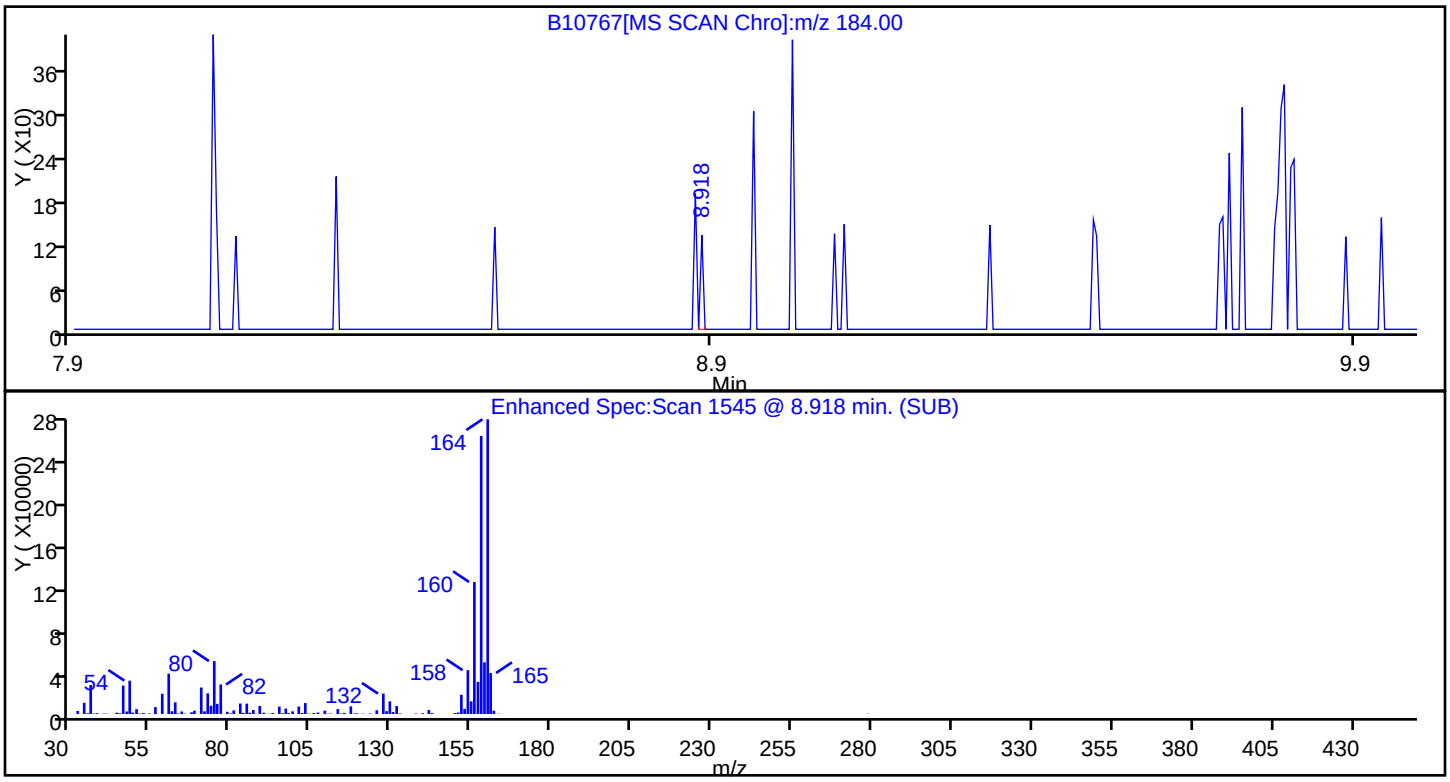
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

60 2,4-Dinitrophenol

Processing Results



RT	Mass	Response	Amount
8.92	184.00	37	0.503252
8.91	63.00	257	
8.92	154.00	1057	

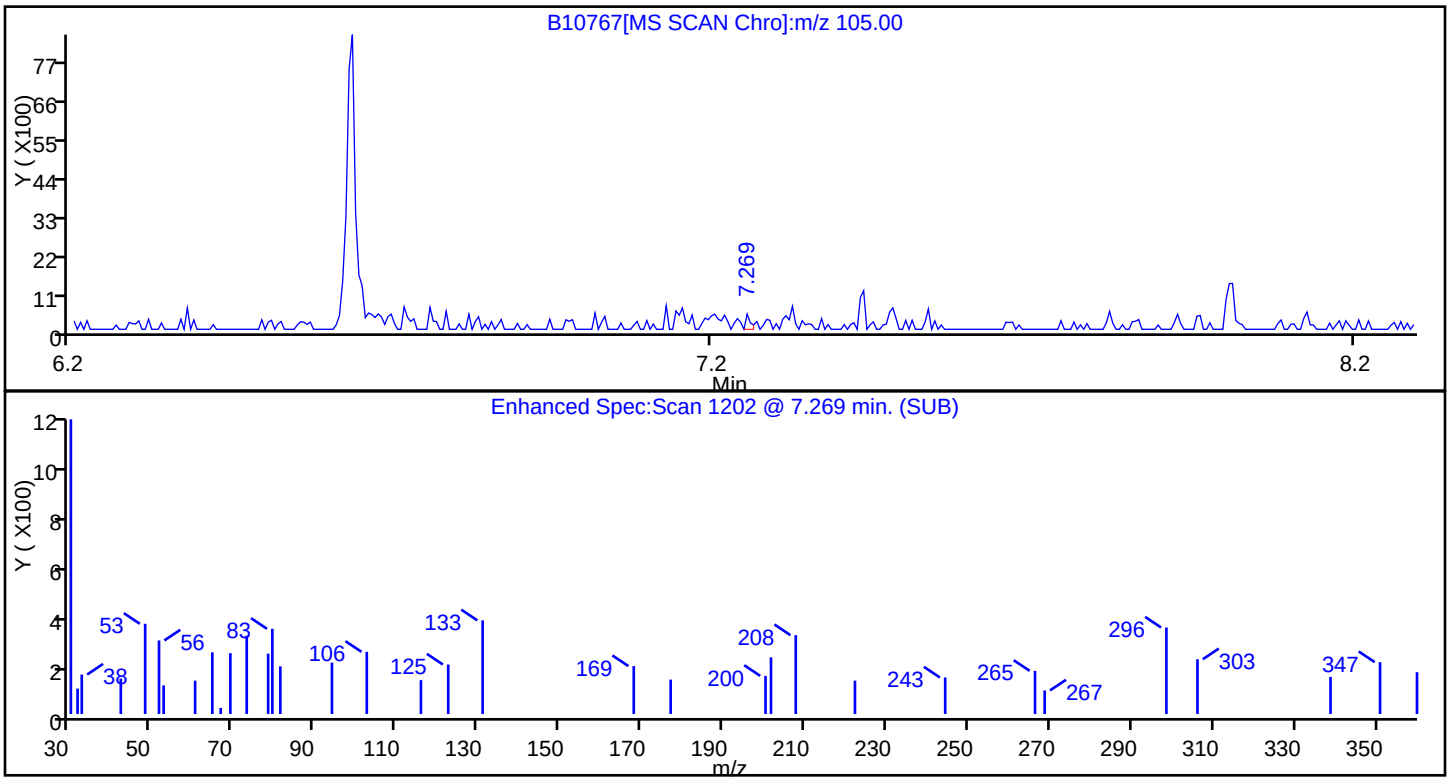
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid

Processing Results



RT	Mass	Response	Amount
7.27	105.00	214	0.020014
7.26	122.00	105	
7.27	77.00	402	

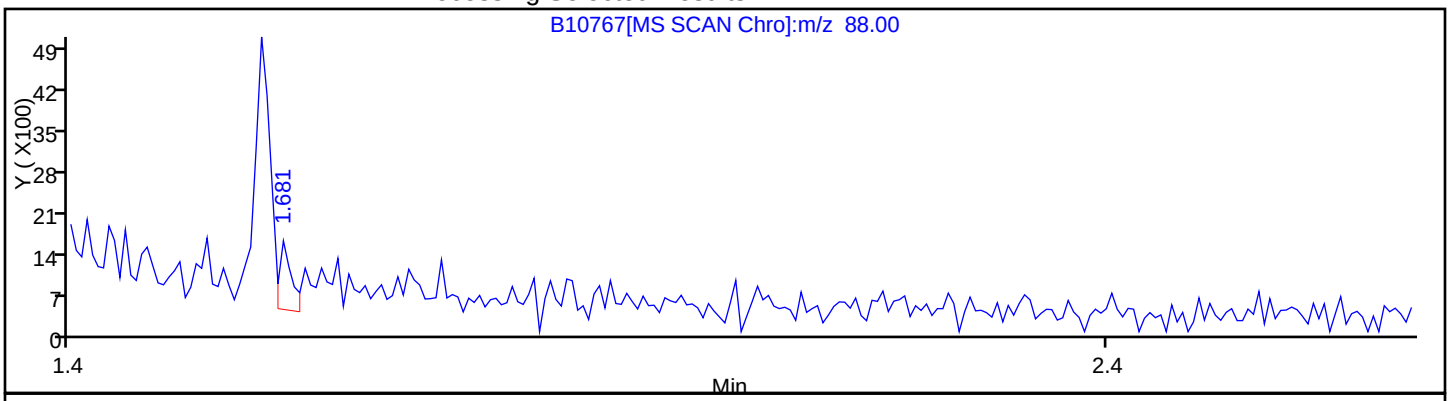
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Marked Compound Undetected
Audit Reason:

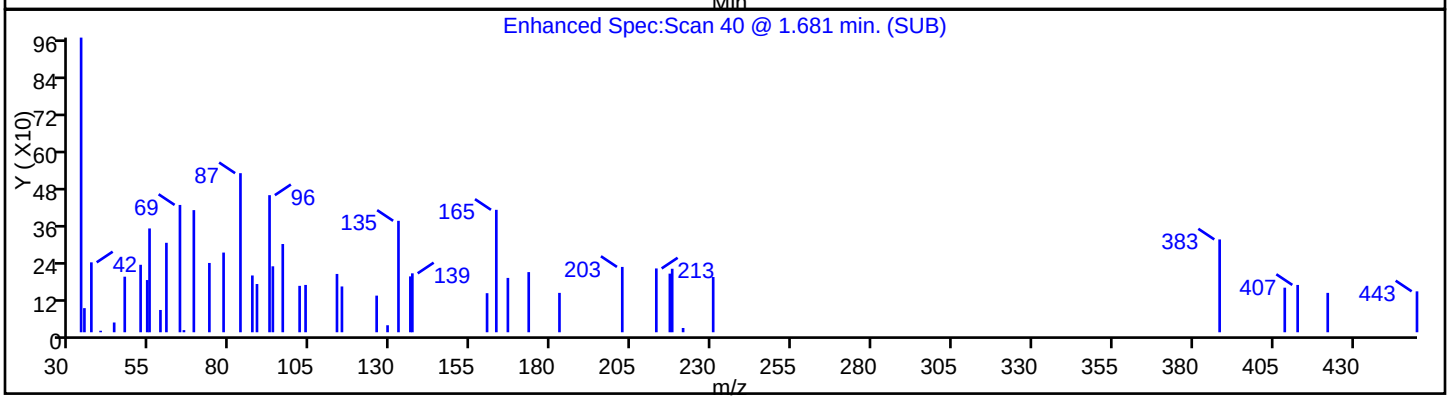
Chrom Revision: 1.1 01-Oct-2009 08:19:20
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

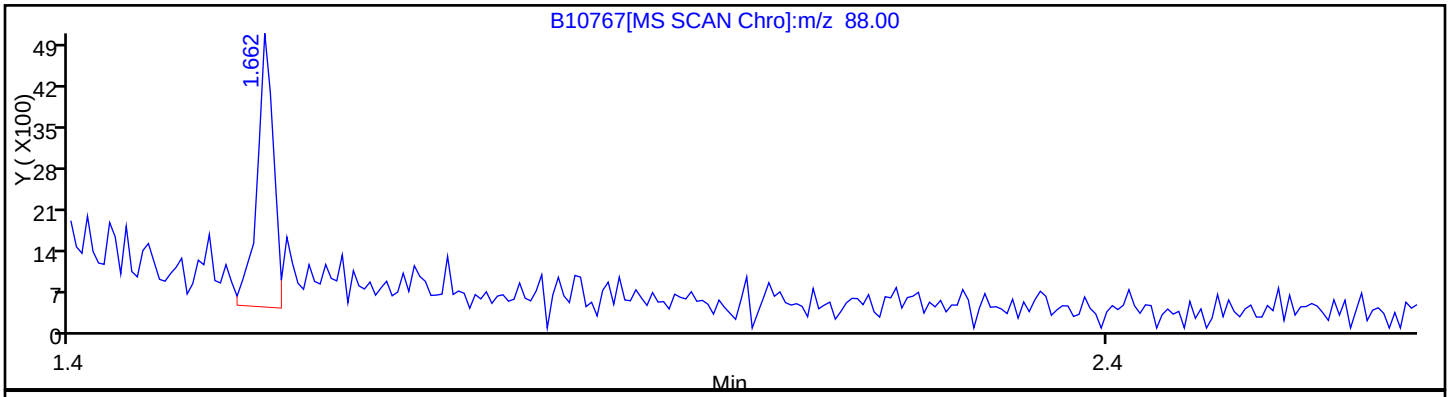
14 1,4-Dioxane

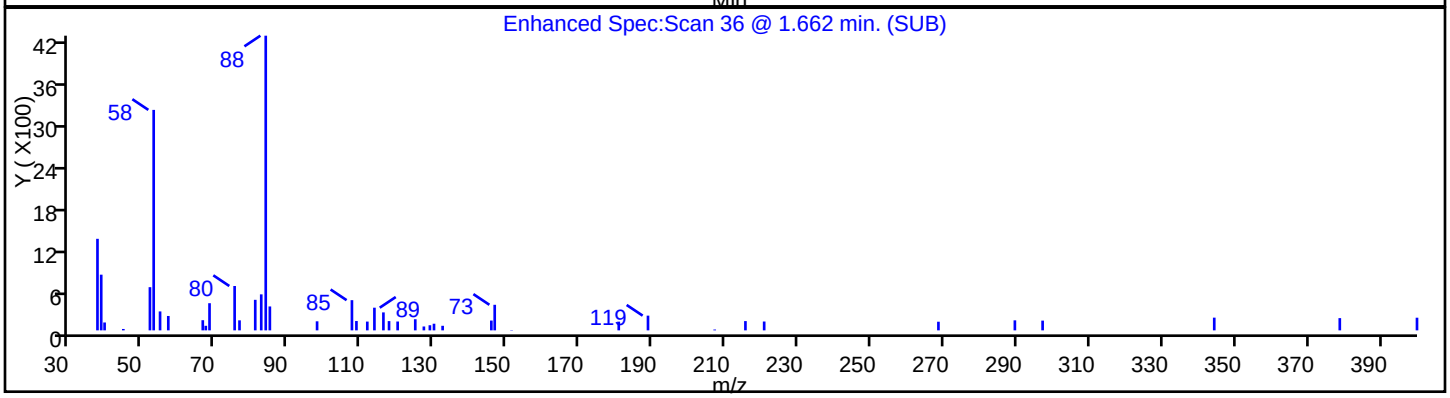
Processing Selected Results





Manual Selected Results





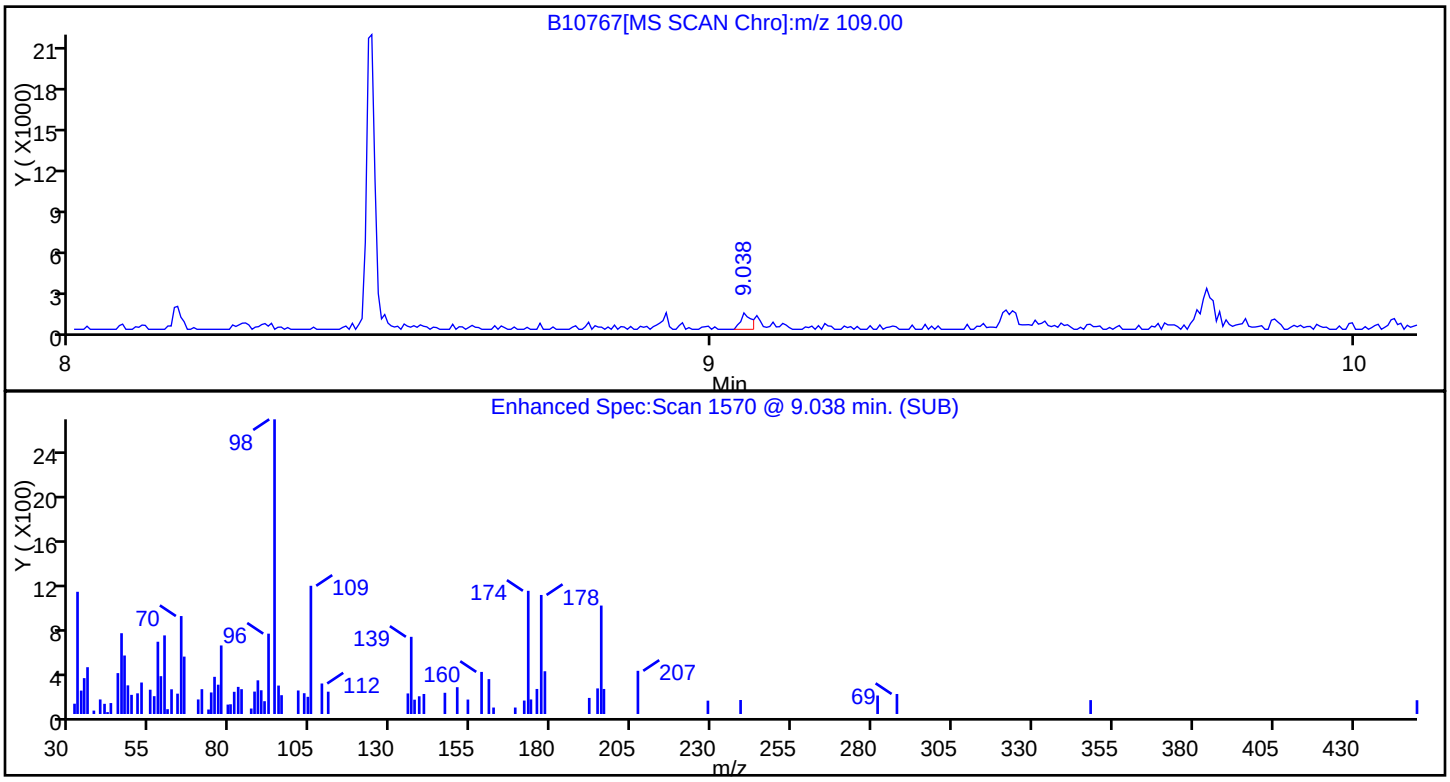
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Selected Alternate Hit
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

62 4-Nitrophenol

Processing Results



RT	Mass	Response	Amount
9.04	109.00	1258	0.267092
9.04	139.00	581	
9.04	64.00	183	

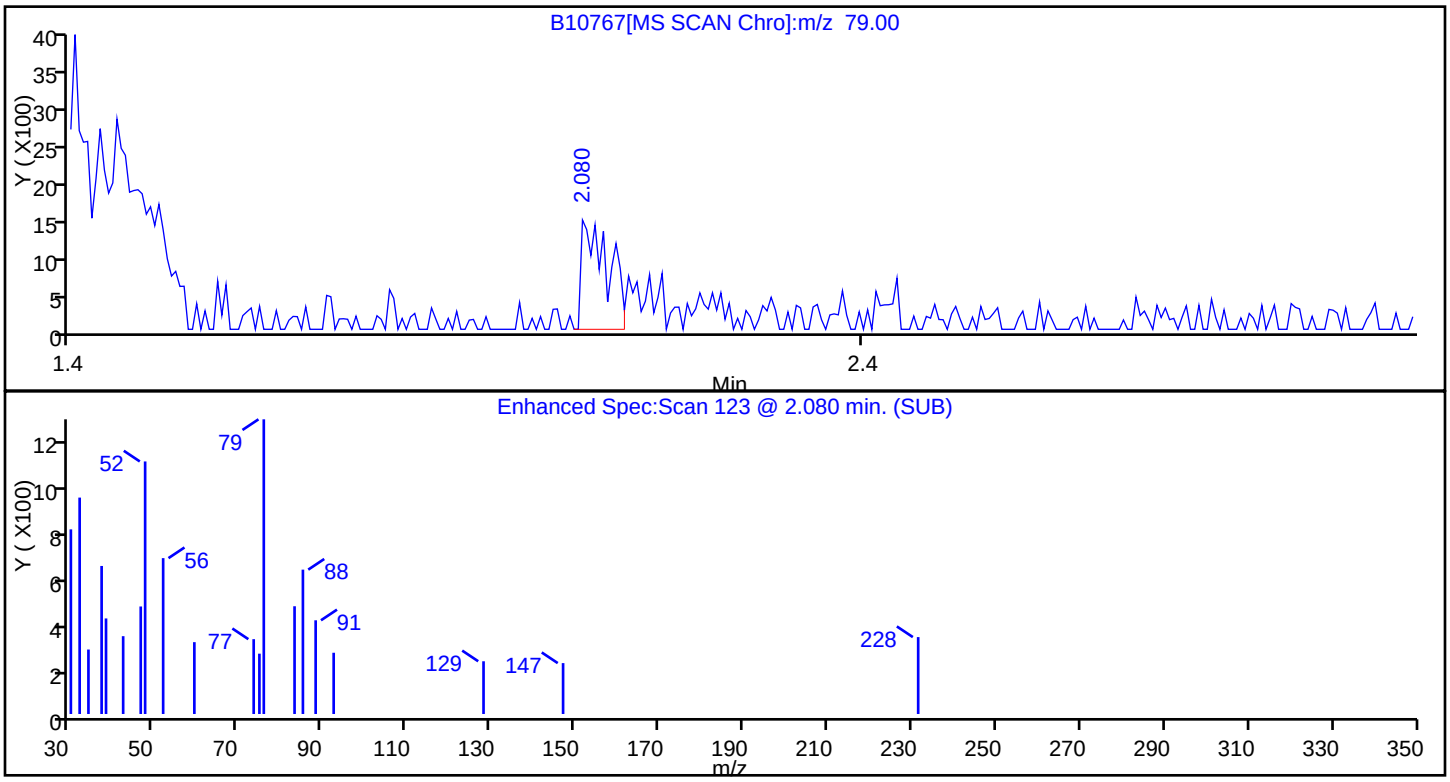
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Marked Compound Undetected
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

16 Pyridine

Processing Results



RT	Mass	Response	Amount
2.08	79.00	3085	1.114485
2.08	52.00	2476	
2.08	51.00	3167	

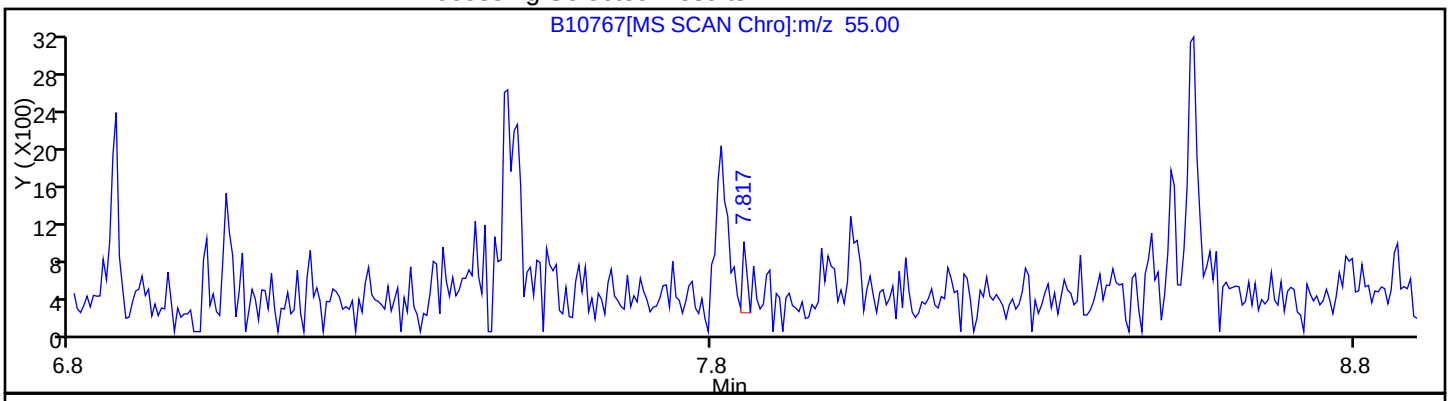
Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Marked Compound Undetected
Audit Reason:

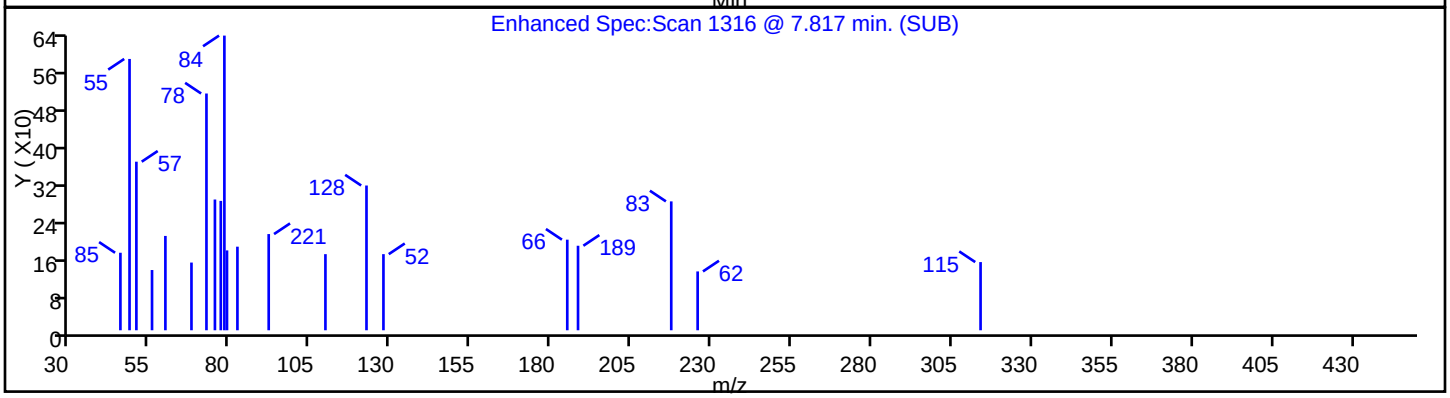
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

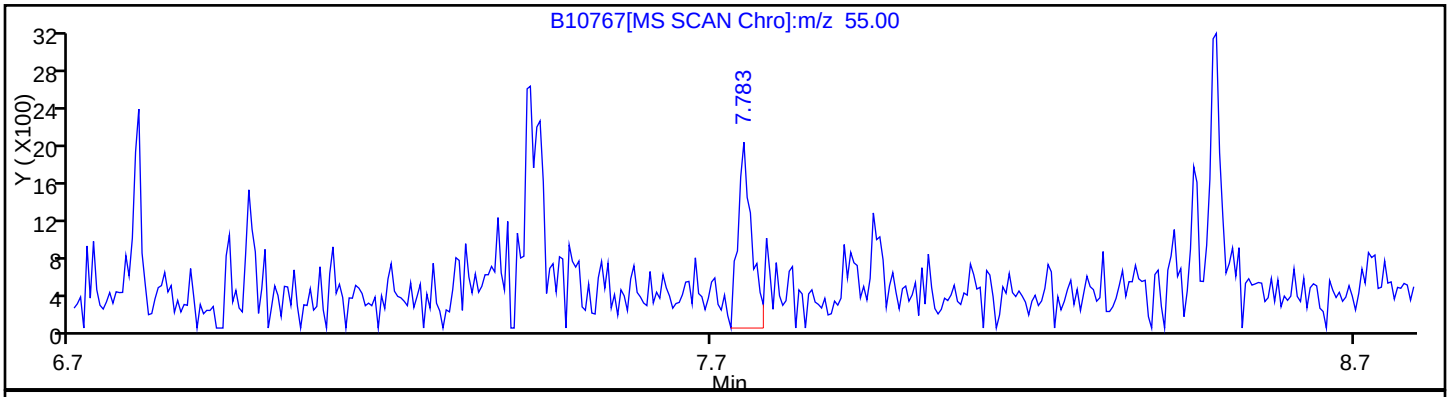
44 Caprolactam

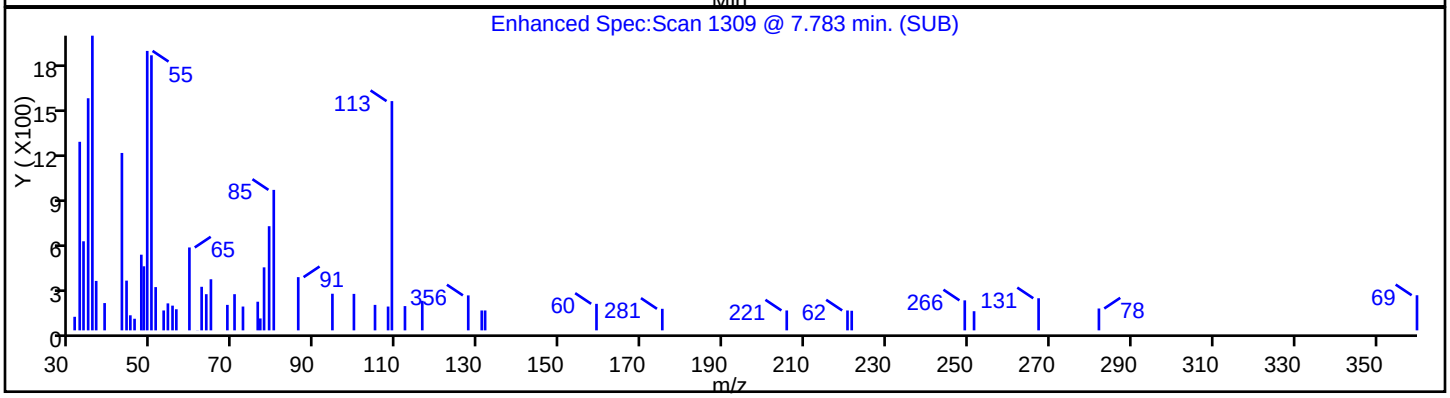
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Selected Alternate Hit
Audit Reason:

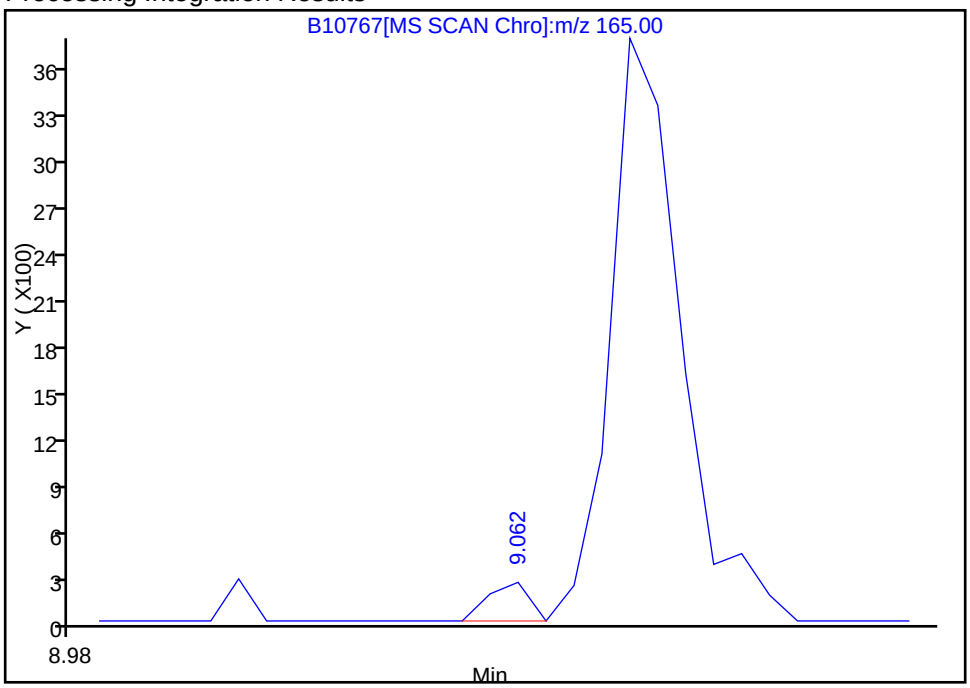
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10767.D		
Inj Date:	06-Oct-2009 17:44:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	3
Client ID:		Instrument:	Inst. B
Sample Info:	0.1 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

63 2,4-Dinitrotoluene, Number: 1, m/z: 165 Type: quant, RT: 9.09

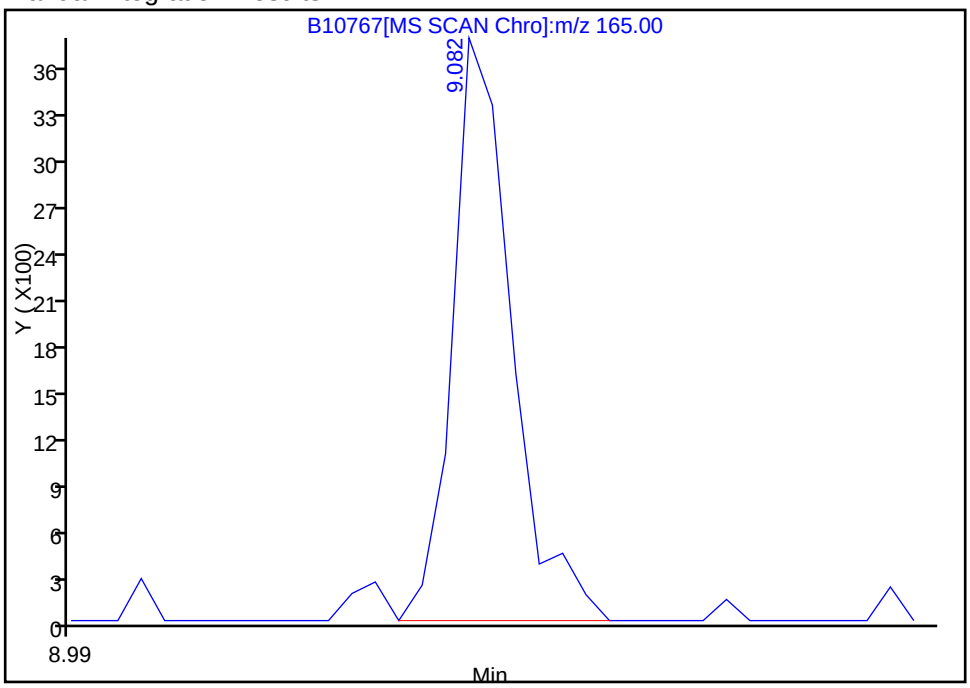
Processing Integration Results

RT: 9.06
Response: 122
Amount: 0.167501



Manual Integration Results

RT: 9.08
Response: 3143
Amount: 0.100000



Reviewer: sullivanp, 07-Oct-2009 14:21:50
Audit Action: Manually Integrated
Audit Reason: Assign Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Lims ID:	std025	Client ID:	
Inject. Date:	06-Oct-2009 18:12:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	2
Sample ID:	0.25 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	4
Lims Batch ID:	49981	Lims Sample ID:	4
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:33	Calib Date:	06-Oct-2009 18:12:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:23:28
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:33

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.278	6.282	-0.004	213595	2.00	
* 2 Naphthalene-d8	136	7.442	7.441	0.001	498453	2.00	
* 3 Acenaphthene-d10	164	8.918	8.922	-0.004	223910	2.00	
* 4 Phenanthrene-d10	188	10.145	10.148	-0.003	346234	2.00	
* 5 Chrysene-d12	240	12.385	12.389	-0.004	215152	2.00	
* 6 Perylene-d12	264	14.535	14.544	-0.009	113273	2.00	
$ 7 2-Fluorophenol	112	4.701	4.705	-0.004	12300	0.2246	
$ 8 Phenol-d5	99	5.961	5.965	-0.004	20012	0.2575	
$ 9 Nitrobenzene-d5	82	6.812	6.811	0.001	21531	0.2402	
$ 10 2-Fluorobiphenyl	172	8.365	8.364	0.001	36148	0.2356	
$ 11 2,4,6-Tribromophenol	330	9.572	9.576	-0.004	2605	0.2208	
$ 12 Terphenyl-d14	244	11.462	11.466	-0.004	22441	0.2472	
14 1,4-Dioxane	88	1.667	1.680	-0.013	10300	0.3359	
16 Pyridine	79	2.051	2.036	0.015	12359	0.2396	
15 N-Nitrosodimethylamine	42	2.037	2.055	-0.018	12504	0.2009	
17 Benzaldehyde	105	5.836	5.835	0.001	9141	0.3029	
19 Aniline	93	5.956	5.960	-0.004	21976	0.2407	
18 Phenol	94	5.971	5.979	-0.008	24437	0.2830	
20 Bis(2-chloroethyl)ether	93	6.052	6.051	0.001	16365	0.2664	
21 2-Chlorophenol	128	6.067	6.071	-0.004	17305	0.2539	
22 1,4-Dichlorobenzene	146	6.221	6.220	0.001	23025	0.2611	
23 1,3-Dichlorobenzene	146	6.293	6.297	-0.004	22338	0.2459	
24 Benzyl alcohol	79	6.437	6.441	-0.004	12625	0.2161	
25 1,2-Dichlorobenzene	146	6.437	6.441	-0.004	20645	0.2465	
26 2-Methylphenol	108	6.557	6.561	-0.004	15844	0.2605	
27 2,2'-oxybis[1-chloropropane]	45	6.576	6.575	0.001	32769	0.2617	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.677	6.681	-0.004	23941	0.2648	
29 N-Nitrosodi-n-propylamine	70	6.692	6.696	-0.004	11770	0.2531	
28 3 & 4 Methylphenol	108	6.706	6.710	-0.004	14714	0.2482	
31 Hexachloroethane	117	6.750	6.753	-0.003	8714	0.2560	
32 Nitrobenzene	77	6.827	6.830	-0.004	19447	0.2258	
33 Isophorone	82	7.048	7.052	-0.004	31256	0.2346	
34 2-Nitrophenol	139	7.115	7.119	-0.004	5993	0.2137	
35 2,4-Dimethylphenol	107	7.173	7.177	-0.004	18122	0.2400	
37 Bis(2-chloroethoxy)methane	93	7.254	7.254	0.000	18200	0.2418	
36 Benzoic acid	105	7.221	7.263	-0.042	917	0.2500	
38 2,4-Dichlorophenol	162	7.331	7.330	0.001	13560	0.2417	
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	16495	0.2485	
41 Naphthalene	128	7.461	7.460	0.001	53281	0.2419	
40 Alpha-Terpineol	59	7.481	7.484	-0.004	16237	0.2445	
42 4-Chloroaniline	127	7.519	7.523	-0.004	18422	0.2224	
43 Hexachlorobutadiene	225	7.577	7.581	-0.003	9464	0.2519	
44 Caprolactam	55	7.783	7.811	-0.028	6779	0.2183	
45 4-Chloro-3-methylphenol	107	7.937	7.946	-0.009	15211	0.2417	
46 2-Methylnaphthalene	142	8.053	8.057	-0.004	36625	0.2402	
47 1-Methylnaphthalene	142	8.135	8.138	-0.004	33529	0.2353	
48 Hexachlorocyclopentadiene	237	8.192	8.191	0.001	3744	0.2111	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	14163	0.2413	
50 2,4,6-Trichlorophenol	196	8.293	8.297	-0.004	8014	0.2387	
51 2,4,5-Trichlorophenol	196	8.322	8.331	-0.009	8049	0.2307	
52 1,1'-Biphenyl	154	8.447	8.451	-0.004	41422	0.2524	
53 2-Chloronaphthalene	162	8.457	8.461	-0.003	37992	0.2409	
54 Phenyl ether	170	8.534	8.537	-0.003	20836	0.2385	
68 4-Nitroaniline	138	8.548	8.552	-0.004	8813	0.2368	
56 Dimethyl phthalate	163	8.702	8.711	-0.009	34584	0.2317	
57 2,6-Dinitrotoluene	165	8.750	8.759	-0.009	7178	0.2438	
58 Acenaphthylene	152	8.803	8.807	-0.004	48122	0.2400	
59 3-Nitroaniline	138	8.889	8.893	-0.004	6147	0.2188	
61 Acenaphthene	153	8.947	8.951	-0.004	31765	0.2325	
62 4-Nitrophenol	109	9.034	9.038	-0.004	2857	0.2500	
64 Dibenzofuran	168	9.091	9.090	0.001	43637	0.2413	
63 2,4-Dinitrotoluene	165	9.082	9.090	-0.008	7395	0.2053	
65 2,3,4,6-Tetrachlorophenol	232	9.197	9.196	0.001	5254	0.2314	
66 Diethyl phthalate	149	9.284	9.292	-0.008	40982	0.2409	
69 Fluorene	166	9.370	9.374	-0.004	33094	0.2223	
67 4-Chlorophenyl phenyl ether	204	9.375	9.379	-0.004	15805	0.2342	
55 2-Nitroaniline	65	9.390	9.393	-0.003	7677	0.2387	
71 Diphenylamine	169	9.476	9.475	0.001	29278	0.2484	
72 N-Nitrosodiphenylamine	169	9.476	9.475	0.001	29278	0.2484	
73 1,2-Diphenylhydrazine	77	9.505	9.509	-0.004	62402	0.2408	
74 Azobenzene	77	9.505	9.509	-0.004	62402	0.2408	
13 Benzophenone	105	9.515	9.518	-0.003	30818	0.2320	
75 4-Bromophenyl phenyl ether	248	9.779	9.778	0.001	8053	0.2553	
76 Hexachlorobenzene	284	9.832	9.831	0.001	7585	0.2525	
77 Atrazine	200	9.914	9.922	-0.008	7110	0.2594	
79 Pentachloronitrobenzene	237	10.005	10.004	0.001	3238	0.2208	
80 Phenanthrene	178	10.164	10.168	-0.004	45513	0.2419	
81 Anthracene	178	10.207	10.206	0.001	40066	0.2320	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
83 Carbazole	167	10.342	10.341	0.001	37928	0.2573	
84 Di-n-butyl phthalate	149	10.635	10.639	-0.004	57115	0.2258	
87 Fluoranthene	202	11.145	11.144	0.001	36467	0.2325	
86 Benzidine	184	11.255	11.259	-0.004	5175	0.2309	
85 Pyrene	202	11.328	11.331	-0.003	38749	0.2511	
89 Butyl benzyl phthalate	149	11.871	11.870	0.001	17404	0.2305	
91 3,3'-Dichlorobenzidine	252	12.357	12.356	0.001	4979	0.2237	
93 Benzo[a]anthracene	228	12.376	12.380	-0.004	22131	0.2276	
94 Chrysene	228	12.414	12.418	-0.004	23562	0.2416	
92 Bis(2-ethylhexyl) phthalate	149	12.424	12.423	0.001	24914	0.2254	
95 Di-n-octyl phthalate	149	13.270	13.274	-0.004	20995	0.2055	
97 Benzo[b]fluoranthene	252	13.828	13.832	-0.004	17080	0.2283	
98 Benzo[k]fluoranthene	252	13.867	13.880	-0.013	13740	0.2373	
99 Benzo[a]pyrene	252	14.424	14.423	0.001	8045	0.2086	
100 Indeno[1,2,3-cd]pyrene	276	16.136	16.145	-0.009	7060	0.2432	M
101 Dibenz(a,h)anthracene	278	16.170	16.179	-0.009	6173	0.2416	
102 Benzo[g,h,i]perylene	276	16.439	16.448	-0.009	8014	0.2537	M

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 07-Oct-2009 16:00:34 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D

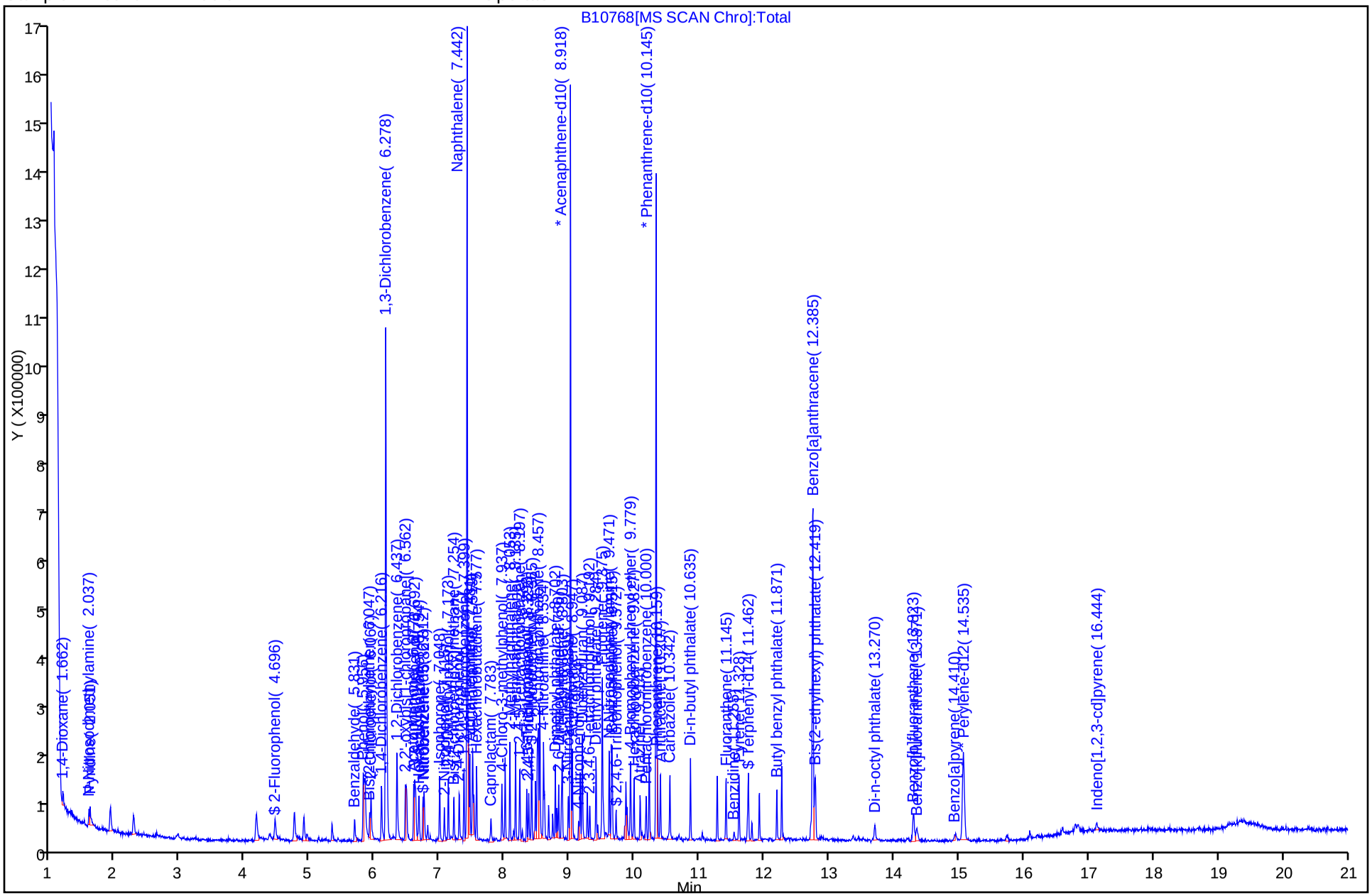
Inj Date: 06-Oct-2009 18:12:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 4

Client ID: Instrument: Inst. B

Sample Info: 0.25 ug/mL

Sample Amount: 1.00 ul Operator: MZ



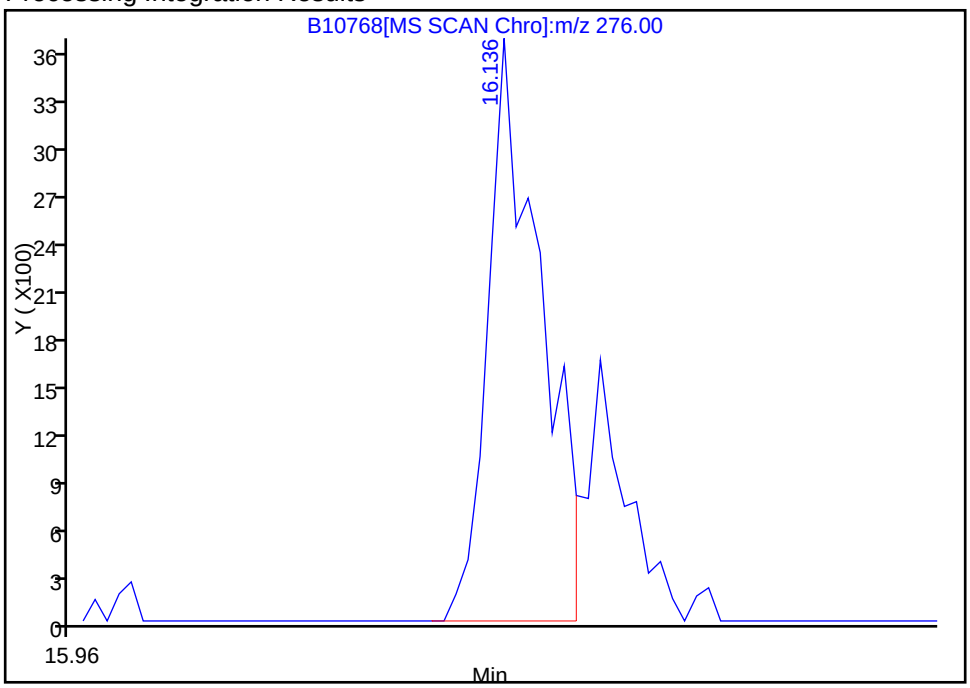
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

100 Indeno[1,2,3-cd]pyrene, Number: 1, m/z: 276 Type: quant, RT: 16.14

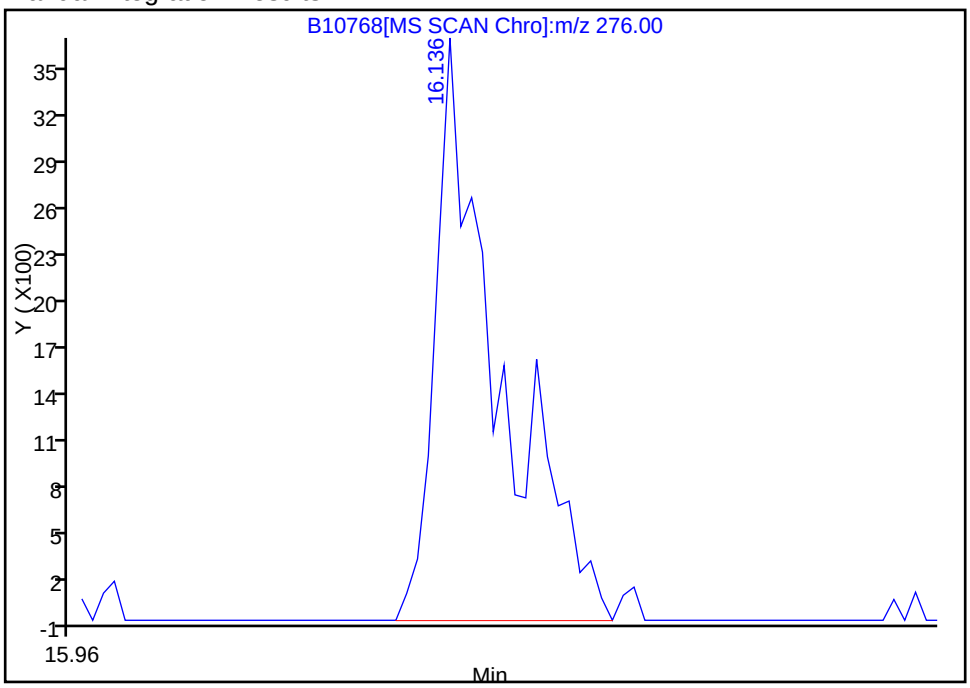
Processing Integration Results

RT: 16.14
Response: 5394
Amount: 0.556178



Manual Integration Results

RT: 16.14
Response: 7060
Amount: 0.243168



Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

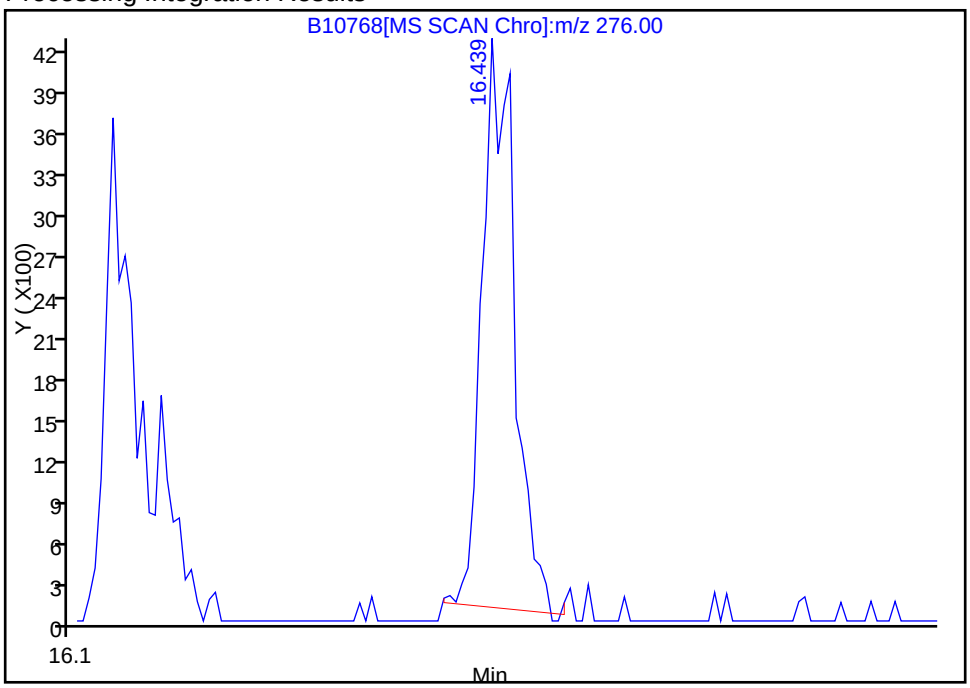
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

102 Benzo[g,h,i]perylene, Number: 1, m/z: 276 Type: quant, RT: 16.45

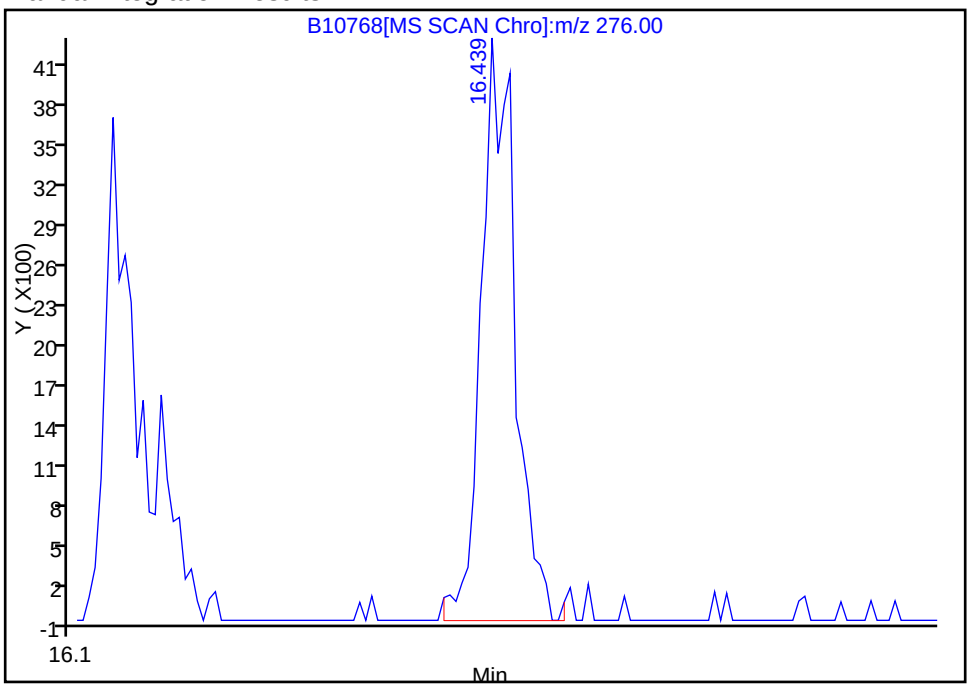
Processing Integration Results

RT: 16.44
Response: 7454
Amount: 0.276246



Manual Integration Results

RT: 16.44
Response: 8014
Amount: 0.253734



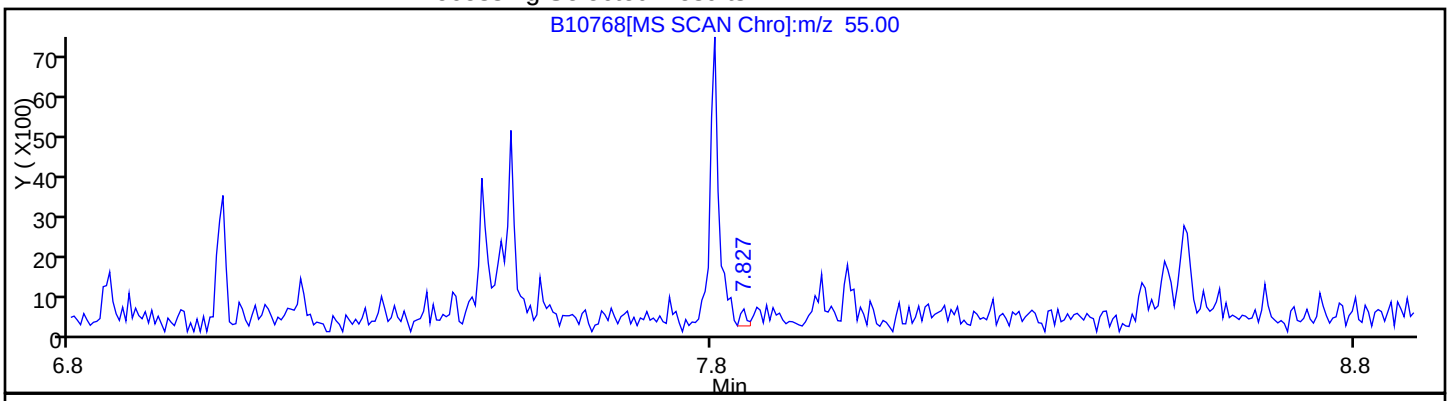
Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

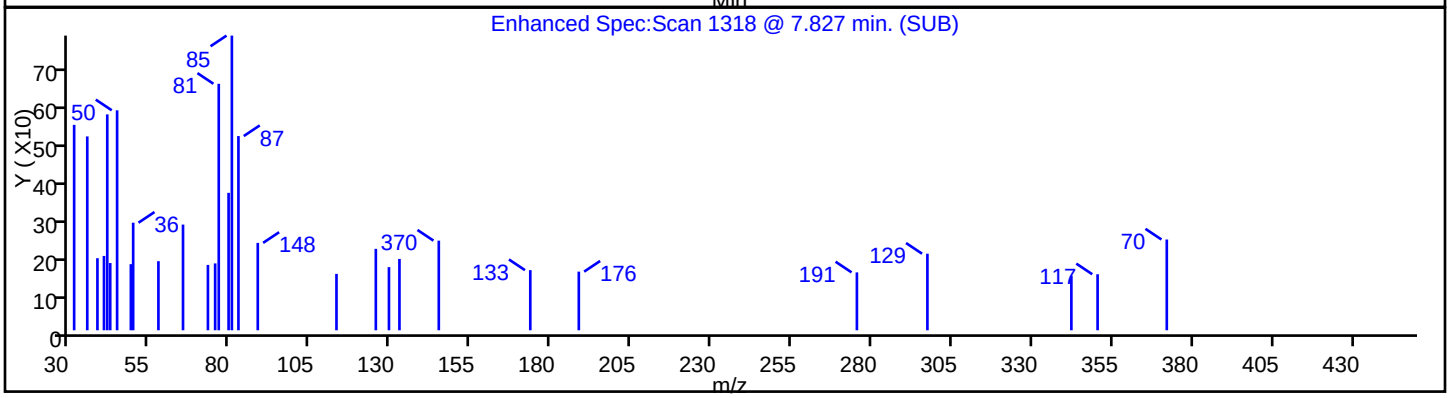
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

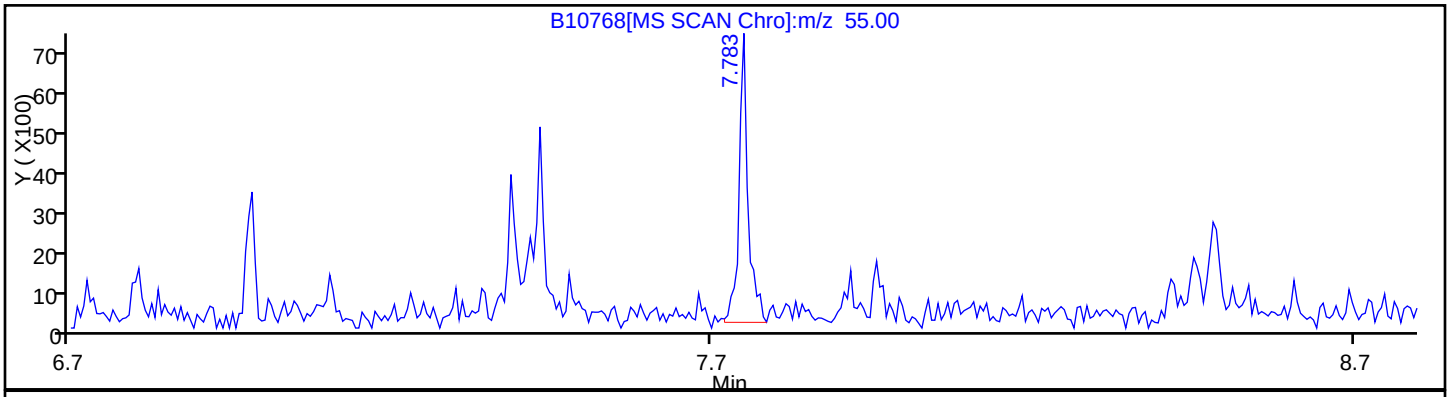
44 Caprolactam

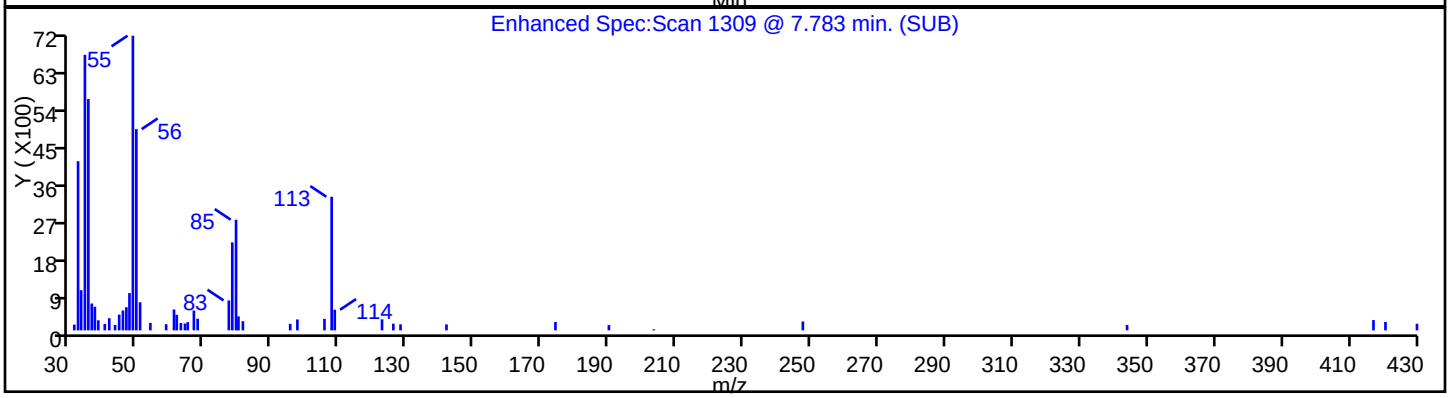
Processing Selected Results





Manual Selected Results





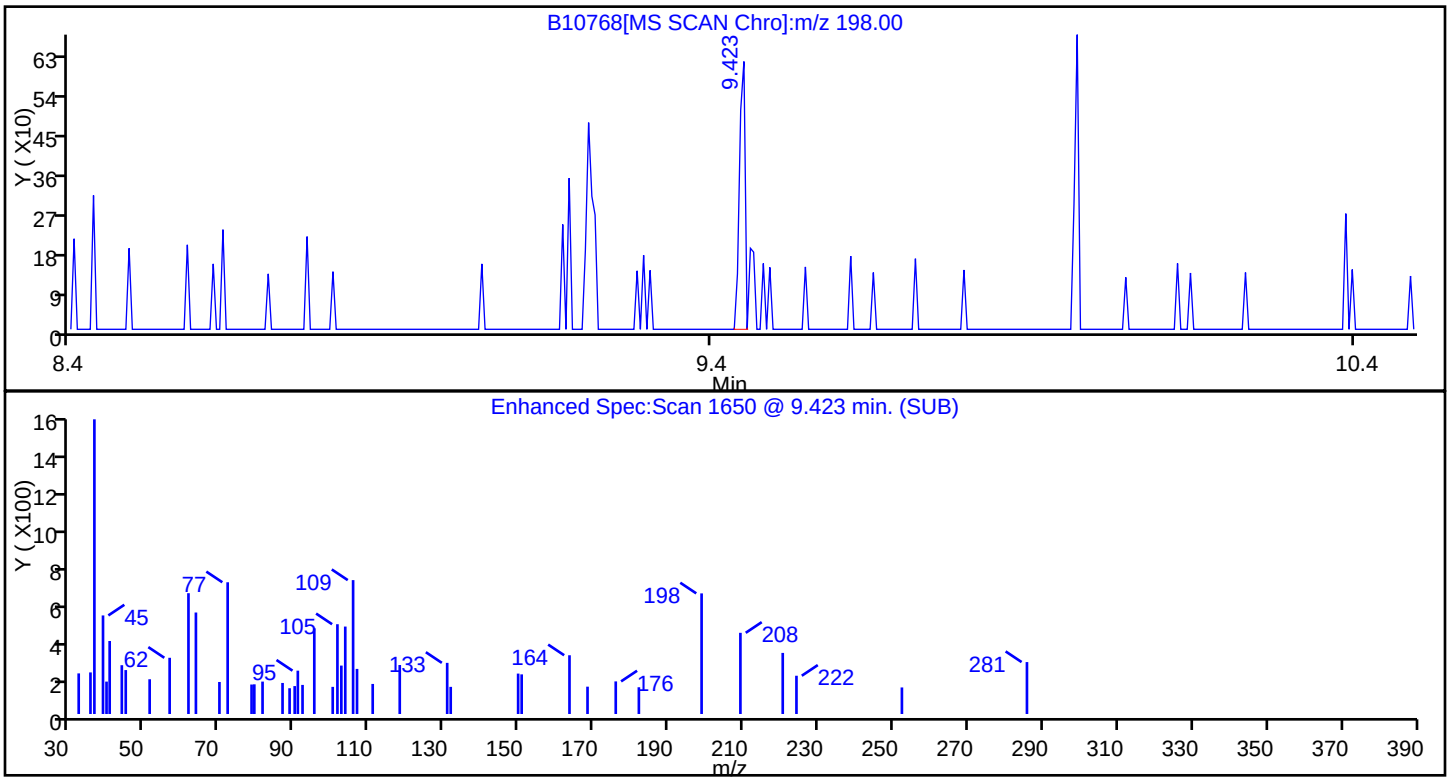
Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Selected Alternate Hit
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

70 4,6-Dinitro-2-methylphenol

Processing Results



RT	Mass	Response	Amount
9.42	198.00	361	0.502723
9.42	121.00	538	
9.42	105.00	338	

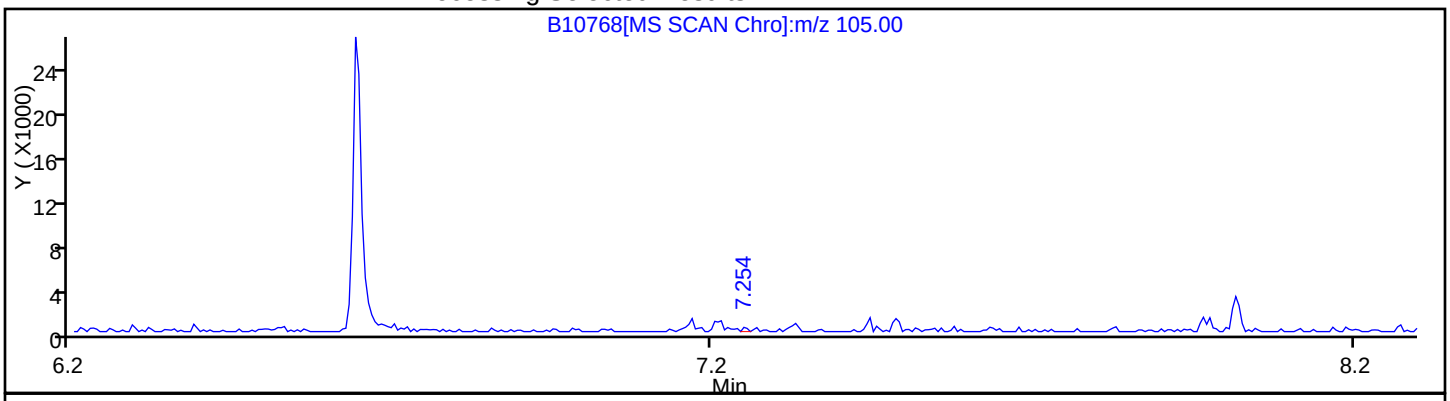
Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Marked Compound Undetected
Audit Reason:

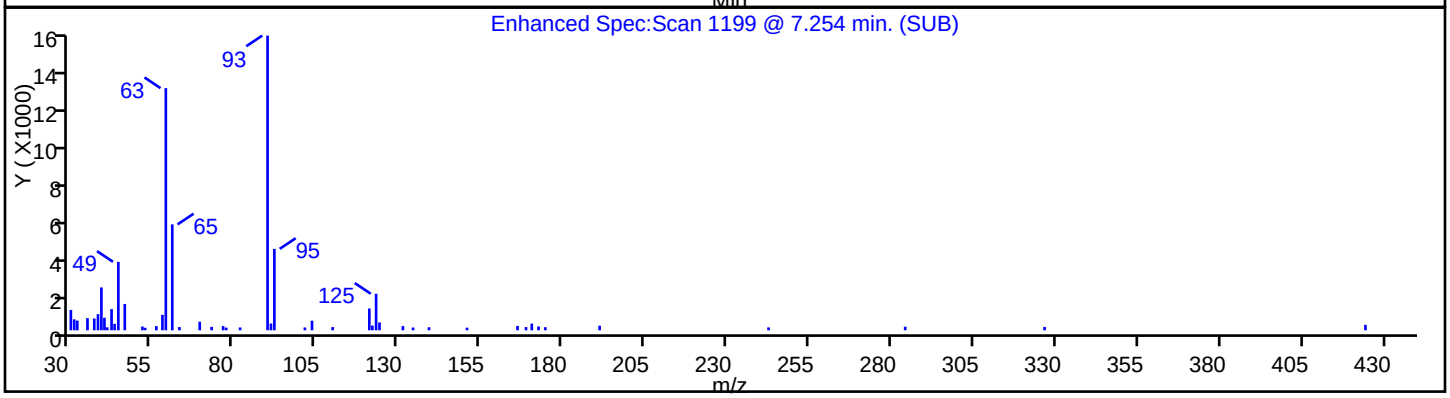
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

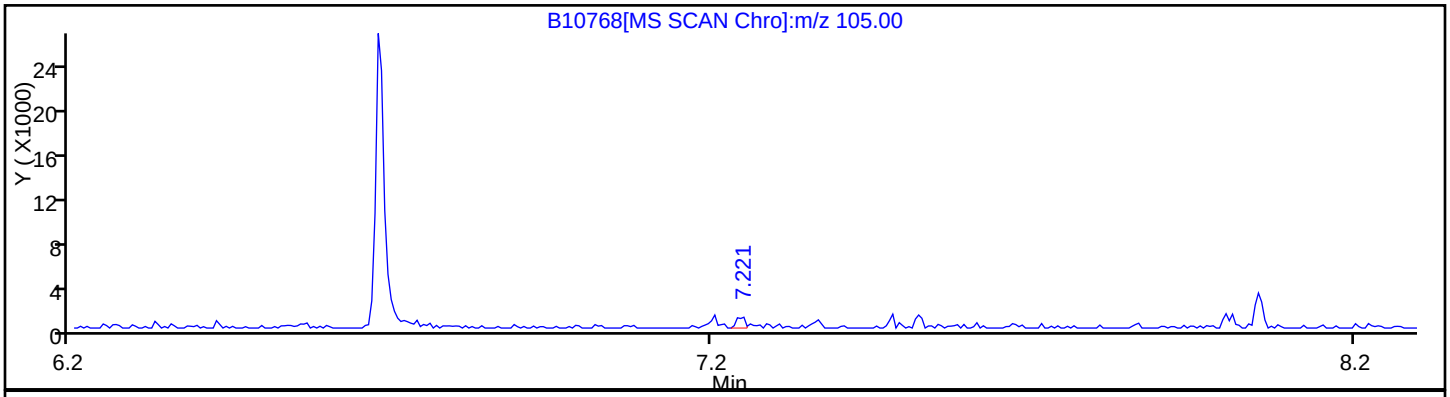
36 Benzoic acid

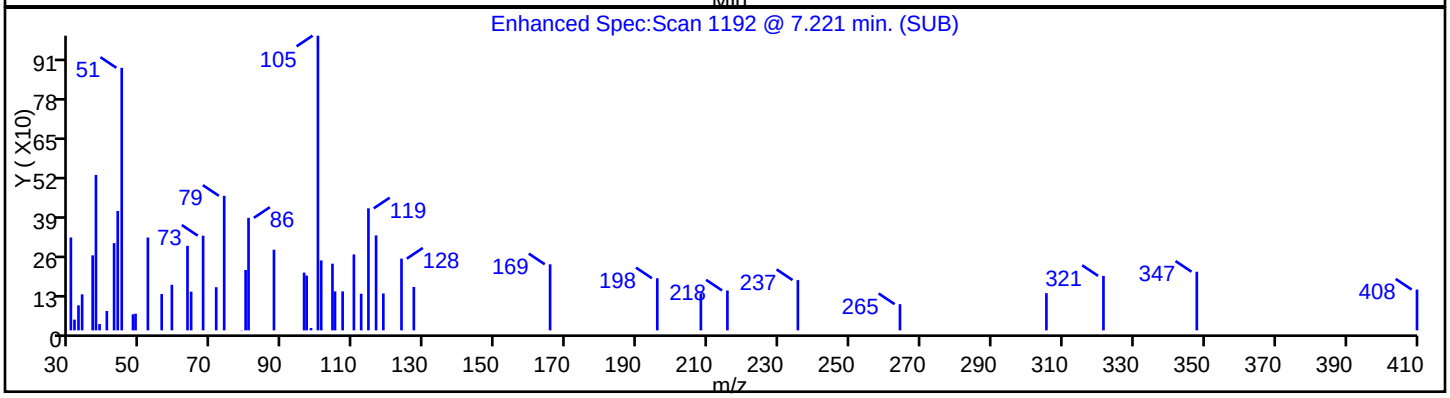
Processing Selected Results





Manual Selected Results





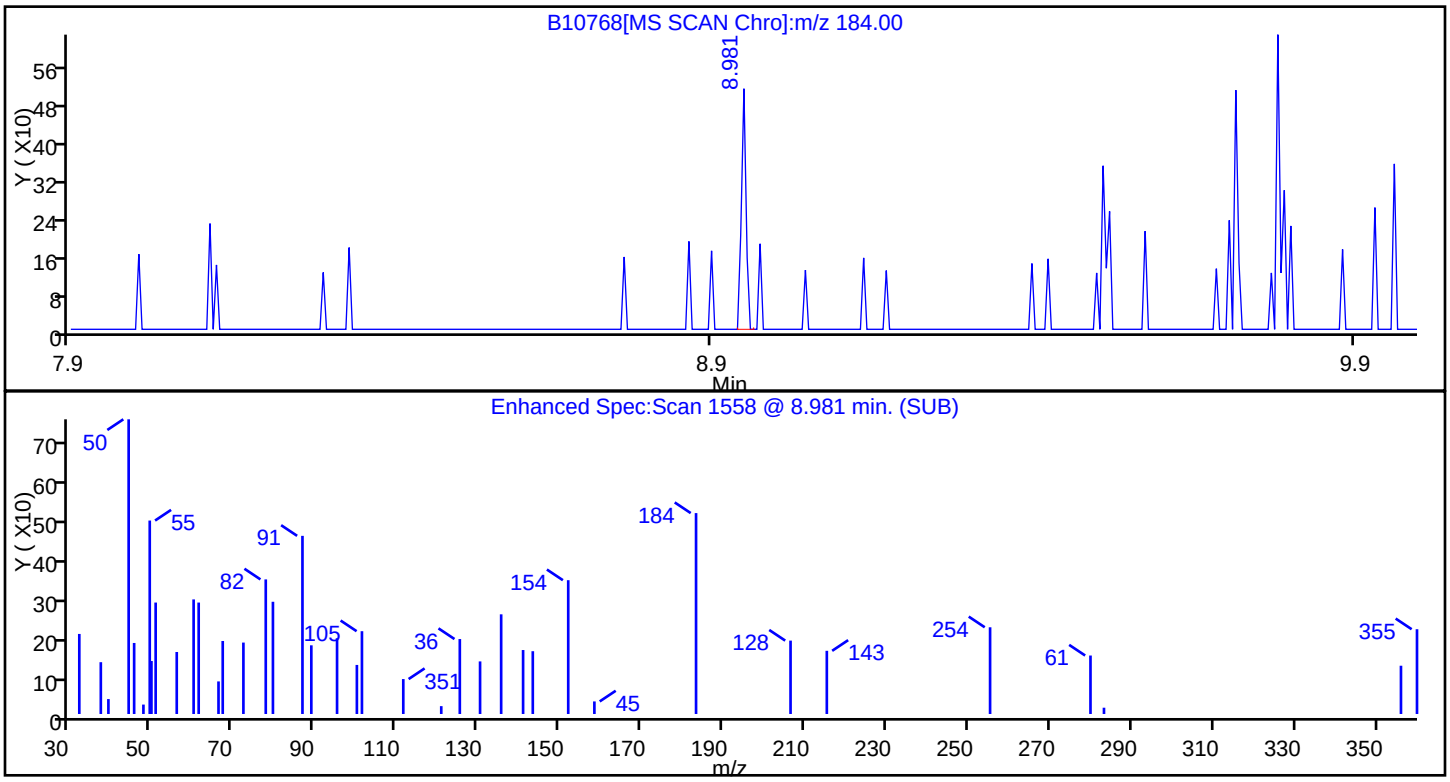
Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Selected Alternate Hit
Audit Reason:

User Disabled Compound Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10768.D		
Inj Date:	06-Oct-2009 18:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	4
Client ID:		Instrument:	Inst. B
Sample Info:	0.25 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

60 2,4-Dinitrophenol

Processing Results



RT	Mass	Response	Amount
8.98	184.00	249	0.647746
8.96	63.00	350	
8.98	154.00	332	

Reviewer: sullivanp, 07-Oct-2009 14:23:28
Audit Action: Marked Compound Undetected
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D		
Lims ID:	std05	Client ID:	
Inject. Date:	06-Oct-2009 18:40:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	3
Sample ID:	0.5 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	5
Lims Batch ID:	49981	Lims Sample ID:	5
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:40	Calib Date:	06-Oct-2009 18:40:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:31:37
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:40

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.278	6.282	-0.004	212995	2.00	
* 2 Naphthalene-d8	136	7.442	7.441	0.001	501961	2.00	
* 3 Acenaphthene-d10	164	8.918	8.922	-0.004	227998	2.00	
* 4 Phenanthrene-d10	188	10.145	10.148	-0.003	361141	2.00	
* 5 Chrysene-d12	240	12.385	12.389	-0.004	235629	2.00	
* 6 Perylene-d12	264	14.535	14.544	-0.009	131809	2.00	
$ 7 2-Fluorophenol	112	4.696	4.705	-0.009	27265	0.4995	
$ 8 Phenol-d5	99	5.961	5.965	-0.004	38895	0.5014	
$ 9 Nitrobenzene-d5	82	6.807	6.811	-0.004	41923	0.4729	
$ 10 2-Fluorobiphenyl	172	8.365	8.364	0.001	75731	0.4885	
$ 11 2,4,6-Tribromophenol	330	9.572	9.576	-0.004	5489	0.4180	
$ 12 Terphenyl-d14	244	11.462	11.466	-0.004	47604	0.4840	
14 1,4-Dioxane	88	1.657	1.680	-0.023	12381	0.4498	
16 Pyridine	79	2.032	2.036	-0.004	24564	0.4848	
15 N-Nitrosodimethylamine	42	2.027	2.055	-0.028	30838	0.5214	
17 Benzaldehyde	105	5.831	5.835	-0.004	13243	0.4530	
19 Aniline	93	5.956	5.960	-0.004	44080	0.4880	
18 Phenol	94	5.971	5.979	-0.008	44933	0.5033	
20 Bis(2-chloroethyl)ether	93	6.047	6.051	-0.004	31557	0.5113	
21 2-Chlorophenol	128	6.067	6.071	-0.004	36605	0.5283	
22 1,4-Dichlorobenzene	146	6.216	6.220	-0.004	41816	0.4814	
23 1,3-Dichlorobenzene	146	6.298	6.297	0.001	43315	0.4834	
24 Benzyl alcohol	79	6.437	6.441	-0.004	29474	0.5060	
25 1,2-Dichlorobenzene	146	6.437	6.441	-0.004	41591	0.4984	
26 2-Methylphenol	108	6.557	6.561	-0.004	29887	0.4946	
27 2,2'-oxybis[1-chloropropane]	45	6.572	6.575	-0.003	61374	0.4936	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.677	6.681	-0.004	44540	0.4955	
29 N-Nitrosodi-n-propylamine	70	6.692	6.696	-0.004	26899	0.5577	
28 3 & 4 Methylphenol	108	6.706	6.710	-0.004	28790	0.4901	
31 Hexachloroethane	117	6.750	6.753	-0.003	16892	0.4983	
32 Nitrobenzene	77	6.826	6.830	-0.004	40478	0.4747	
33 Isophorone	82	7.048	7.052	-0.004	61690	0.4745	
34 2-Nitrophenol	139	7.115	7.119	-0.004	15406	0.4600	
35 2,4-Dimethylphenol	107	7.173	7.177	-0.004	35197	0.4716	
37 Bis(2-chloroethoxy)methane	93	7.254	7.254	0.000	33383	0.4539	
36 Benzoic acid	105	7.216	7.263	-0.047	3316	0.3860	
38 2,4-Dichlorophenol	162	7.327	7.330	-0.003	25275	0.4595	
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	33886	0.5053	
41 Naphthalene	128	7.461	7.460	0.001	103239	0.4737	
40 Alpha-Terpineol	59	7.480	7.484	-0.004	32699	0.4655	
42 4-Chloroaniline	127	7.519	7.523	-0.004	38901	0.4782	
43 Hexachlorobutadiene	225	7.577	7.581	-0.003	17277	0.4667	
44 Caprolactam	55	7.783	7.811	-0.028	14031	0.4628	
45 4-Chloro-3-methylphenol	107	7.937	7.946	-0.009	29190	0.4768	
46 2-Methylnaphthalene	142	8.053	8.057	-0.004	70507	0.4688	
47 1-Methylnaphthalene	142	8.134	8.138	-0.004	68141	0.4809	
48 Hexachlorocyclopentadiene	237	8.187	8.191	-0.004	8319	0.4034	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	27564	0.4743	
50 2,4,6-Trichlorophenol	196	8.293	8.297	-0.004	16675	0.4637	
51 2,4,5-Trichlorophenol	196	8.322	8.331	-0.009	17167	0.4624	
52 1,1'-Biphenyl	154	8.447	8.451	-0.004	79441	0.4813	
53 2-Chloronaphthalene	162	8.457	8.461	-0.003	74928	0.4745	
54 Phenyl ether	170	8.534	8.537	-0.003	40908	0.4733	
68 4-Nitroaniline	138	8.548	8.552	-0.004	17366	0.4208	
56 Dimethyl phthalate	163	8.702	8.711	-0.009	73394	0.4871	
57 2,6-Dinitrotoluene	165	8.750	8.759	-0.009	14930	0.4735	
58 Acenaphthylene	152	8.803	8.807	-0.004	96527	0.4794	
59 3-Nitroaniline	138	8.889	8.893	-0.004	15014	0.4597	
61 Acenaphthene	153	8.947	8.951	-0.004	64748	0.4737	
60 2,4-Dinitrophenol	184	8.976	8.980	-0.004	266	0.0681	
62 4-Nitrophenol	109	9.034	9.038	-0.004	6184	0.4065	
64 Dibenzofuran	168	9.091	9.090	0.001	86721	0.4780	
63 2,4-Dinitrotoluene	165	9.082	9.090	-0.008	16143	0.3958	
65 2,3,4,6-Tetrachlorophenol	232	9.197	9.196	0.001	10343	0.4194	
66 Diethyl phthalate	149	9.284	9.292	-0.008	79142	0.4669	
69 Fluorene	166	9.370	9.374	-0.004	69189	0.4665	
67 4-Chlorophenyl phenyl ether	204	9.375	9.379	-0.004	31319	0.4660	
55 2-Nitroaniline	65	9.390	9.393	-0.003	22561	0.5866	
70 4,6-Dinitro-2-methylphenol	198	9.418	9.422	-0.004	1966	0.5000	
71 Diphenylamine	169	9.471	9.475	-0.004	58825	0.4838	
72 N-Nitrosodiphenylamine	169	9.471	9.475	-0.004	58825	0.4838	
73 1,2-Diphenylhydrazine	77	9.505	9.509	-0.004	135008	0.4996	
74 Azobenzene	77	9.505	9.509	-0.004	135008	0.4996	
13 Benzophenone	105	9.515	9.518	-0.003	68711	0.4969	
75 4-Bromophenyl phenyl ether	248	9.779	9.778	0.001	16357	0.4979	
76 Hexachlorobenzene	284	9.827	9.831	-0.004	14032	0.4598	
77 Atrazine	200	9.914	9.922	-0.008	13656	0.4589	
78 Pentachlorophenol	266	9.991	9.995	-0.004	3266	0.5000	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.005	10.004	0.001	7405	0.4244	
80 Phenanthrene	178	10.164	10.168	-0.004	89110	0.4647	
81 Anthracene	178	10.202	10.206	-0.004	83500	0.4721	
83 Carbazole	167	10.342	10.341	0.001	76458	0.4979	
84 Di-n-butyl phthalate	149	10.635	10.639	-0.004	116711	0.4555	
87 Fluoranthene	202	11.140	11.144	-0.004	77255	0.4788	
86 Benzidine	184	11.260	11.259	0.001	12590	0.4860	
85 Pyrene	202	11.328	11.331	-0.003	81864	0.4882	
89 Butyl benzyl phthalate	149	11.866	11.870	-0.004	42711	0.5166	
91 3,3'-Dichlorobenzidine	252	12.357	12.356	0.001	11425	0.4233	
93 Benzo[a]anthracene	228	12.376	12.380	-0.004	50481	0.4802	
94 Chrysene	228	12.410	12.418	-0.008	49132	0.4695	
92 Bis(2-ethylhexyl) phthalate	149	12.419	12.423	-0.004	56294	0.4733	
95 Di-n-octyl phthalate	149	13.270	13.274	-0.004	52686	0.3852	
97 Benzo[b]fluoranthene	252	13.818	13.832	-0.014	38358	0.4541	
98 Benzo[k]fluoranthene	252	13.871	13.880	-0.009	34748	0.5182	
99 Benzo[a]pyrene	252	14.424	14.423	0.001	21942	0.4221	
100 Indeno[1,2,3-cd]pyrene	276	16.141	16.145	-0.004	14164	0.4369	
101 Dibenz(a,h)anthracene	278	16.170	16.179	-0.009	10979	0.3951	
102 Benzo[g,h,i]perylene	276	16.439	16.448	-0.009	14678	0.4205	

Report Date: 07-Oct-2009 16:00:41 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D

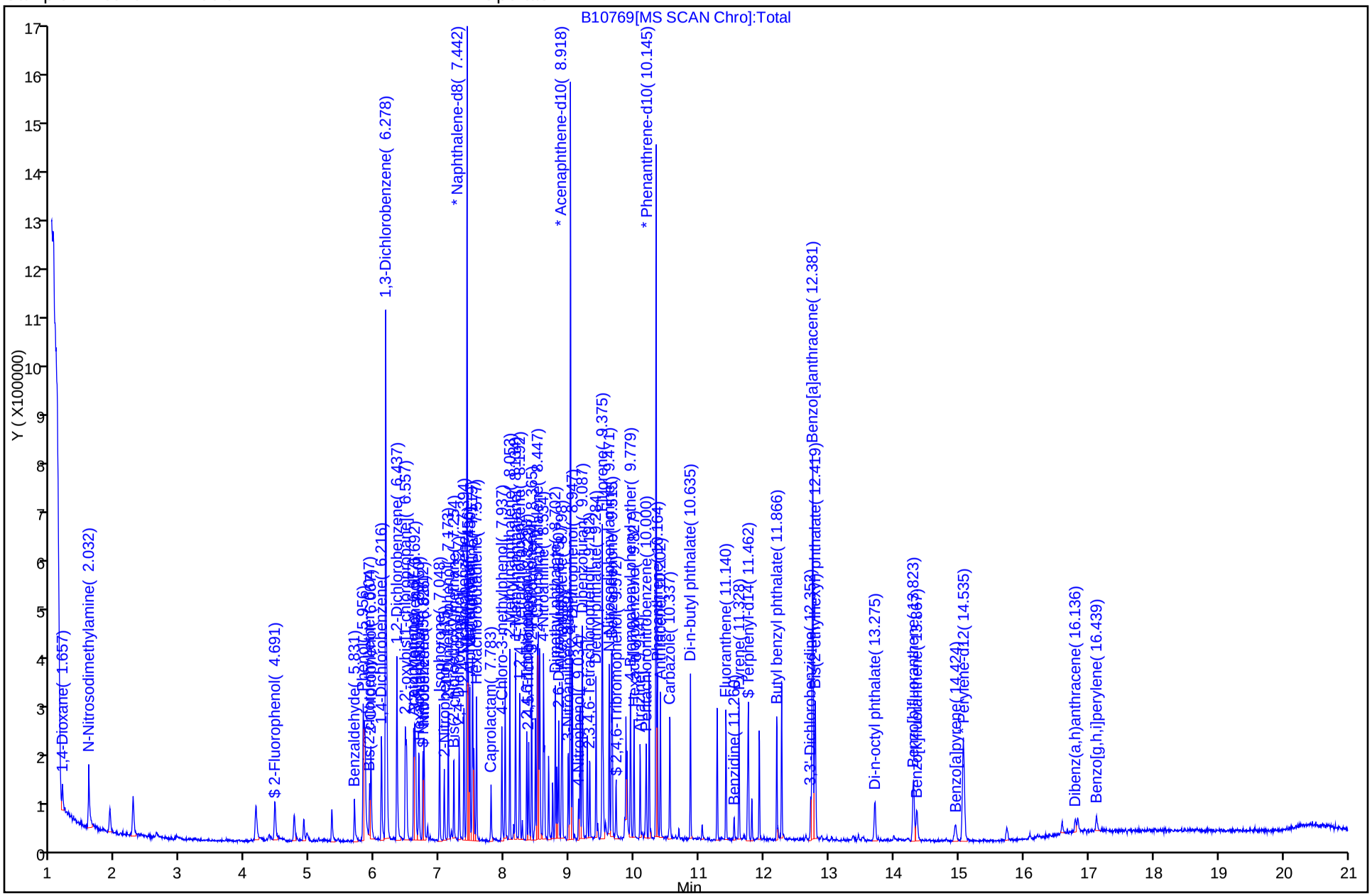
Inj Date: 06-Oct-2009 18:40:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 5

Client ID: Instrument: Inst. B

Sample Info: 0.5 ug/mL

Sample Amount: 1.00 ul Operator: MZ

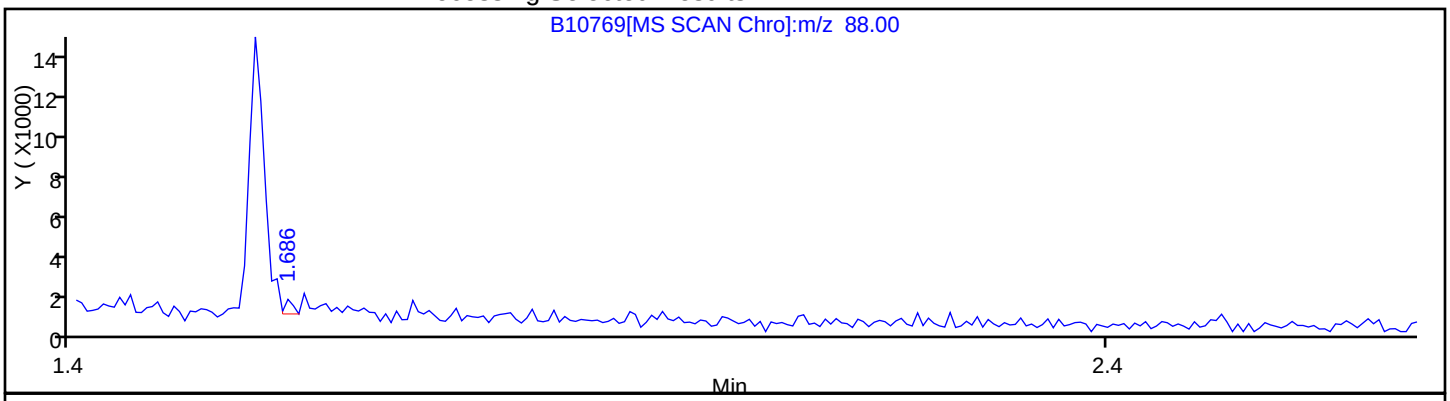


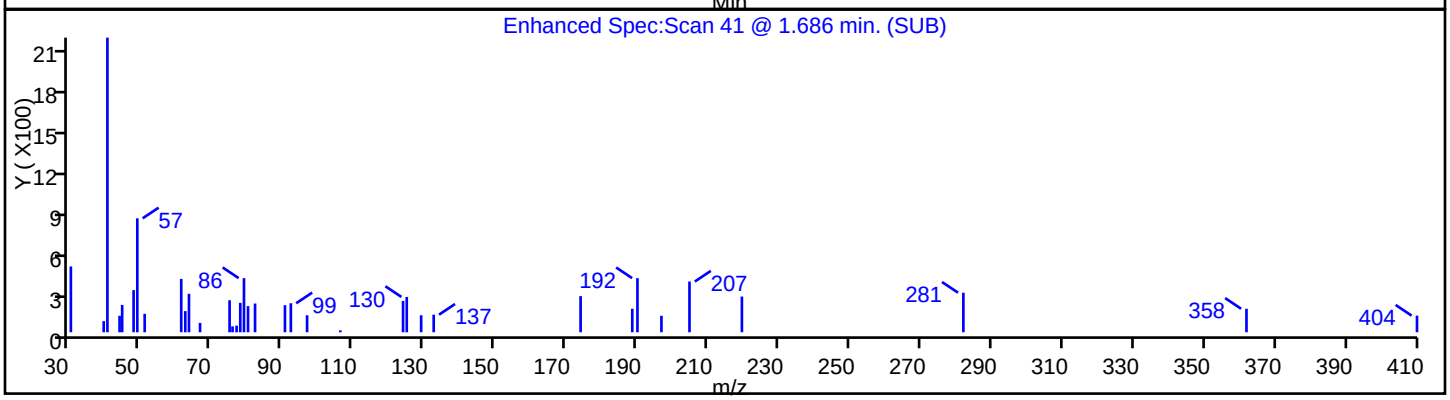
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D		
Inj Date:	06-Oct-2009 18:40:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	5
Client ID:		Instrument:	Inst. B
Sample Info:	0.5 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

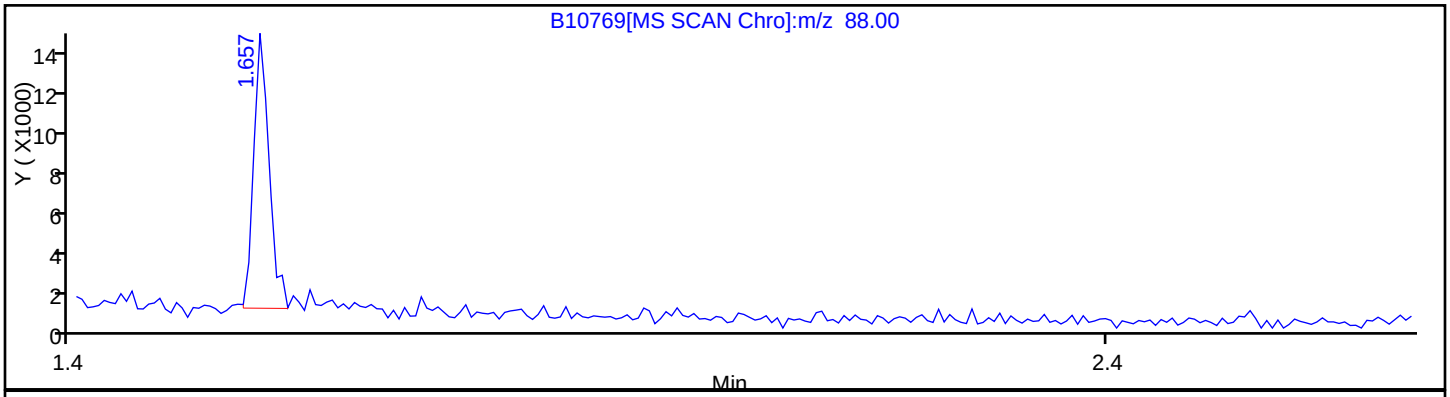
14 1,4-Dioxane

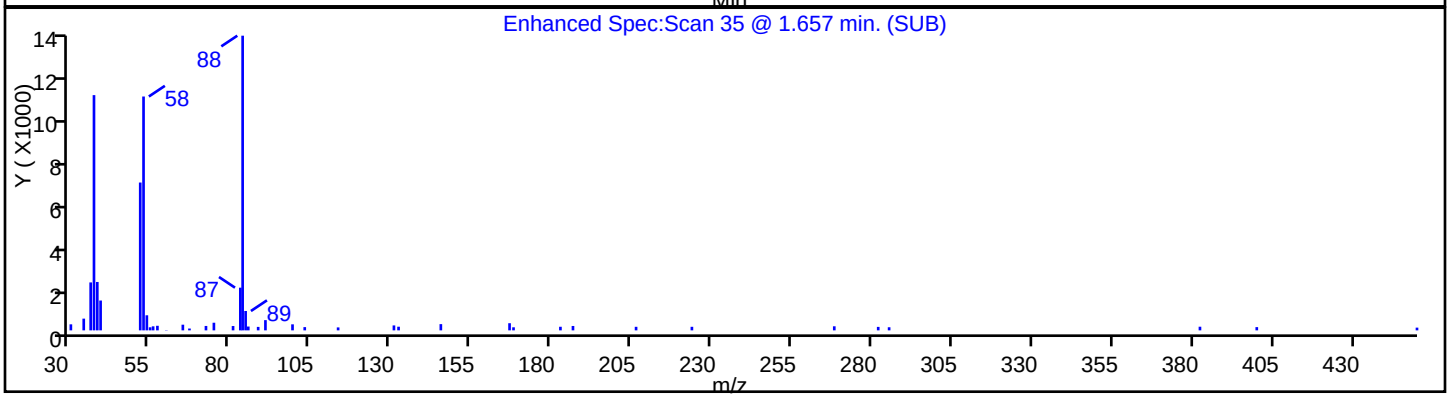
Processing Selected Results





Manual Selected Results





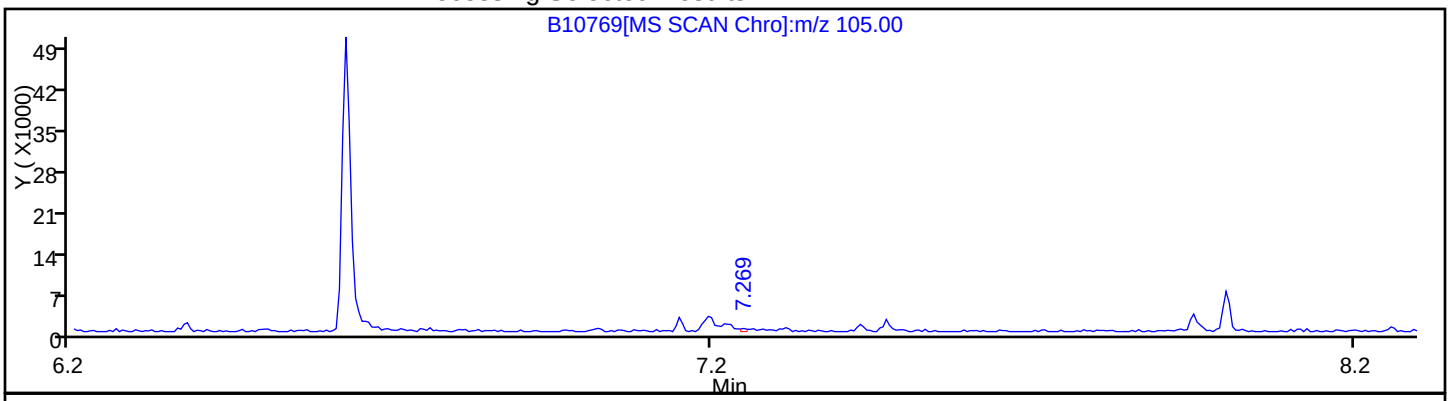
Reviewer: sullivanp, 07-Oct-2009 14:31:37
Audit Action: Selected Alternate Hit
Audit Reason:

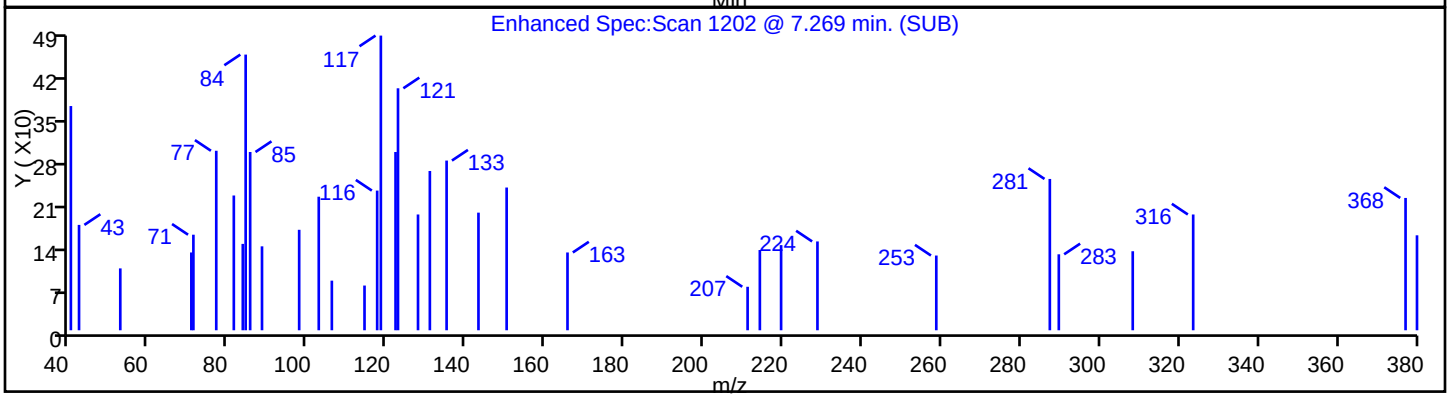
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D		
Inj Date:	06-Oct-2009 18:40:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	5
Client ID:		Instrument:	Inst. B
Sample Info:	0.5 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

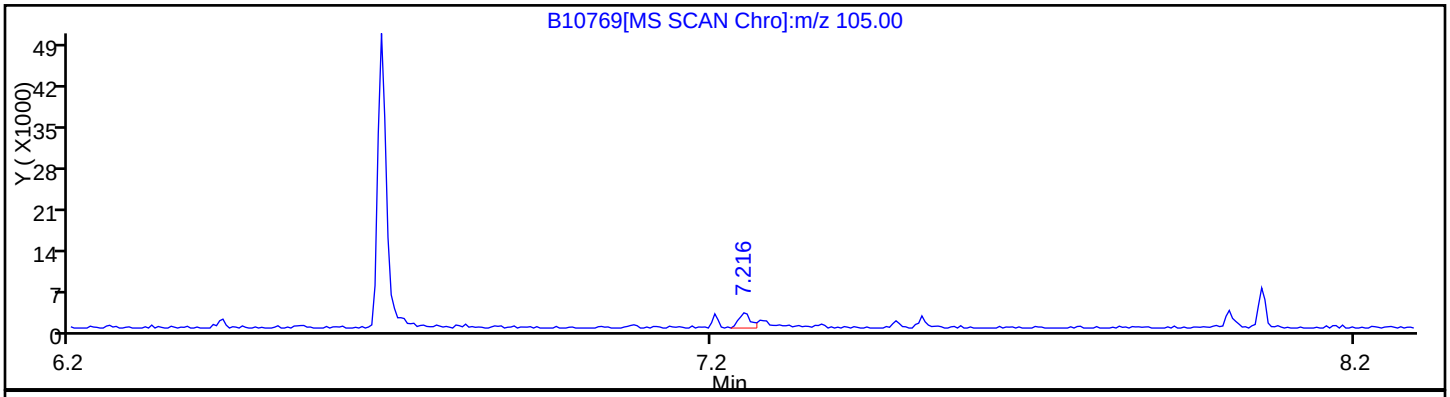
36 Benzoic acid

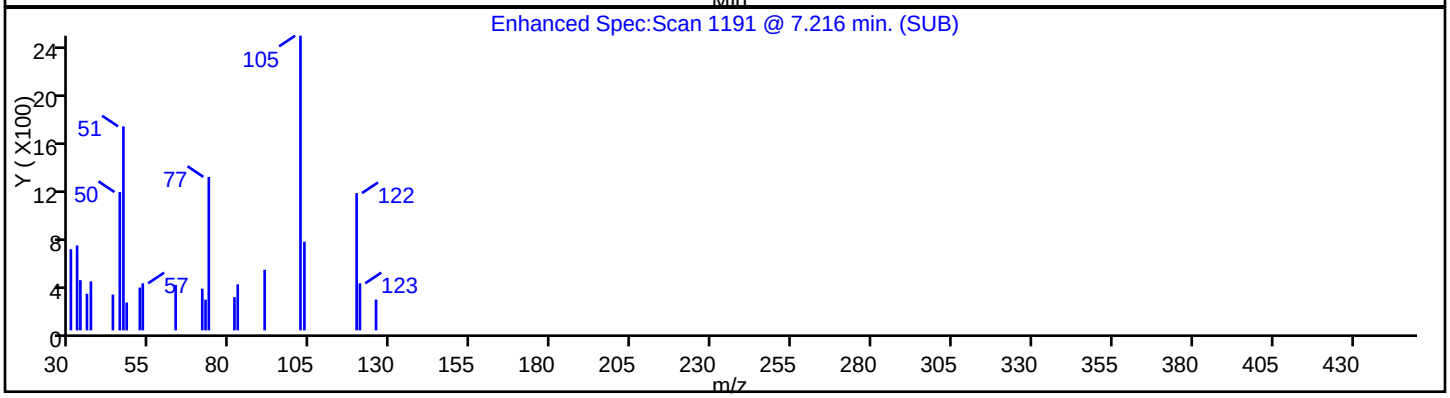
Processing Selected Results





Manual Selected Results





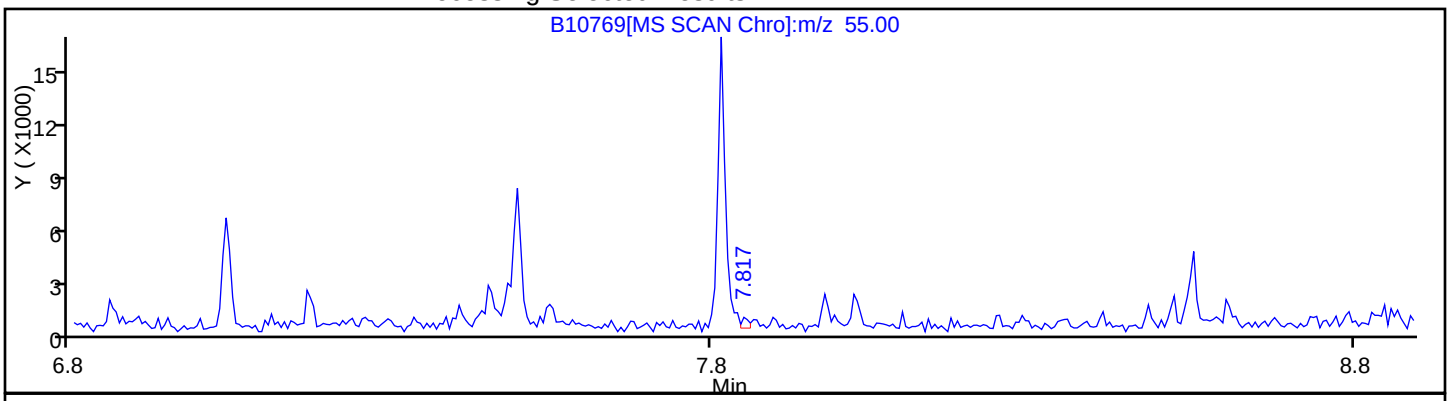
Reviewer: sullivanp, 07-Oct-2009 14:31:37
Audit Action: Selected Alternate Hit
Audit Reason:

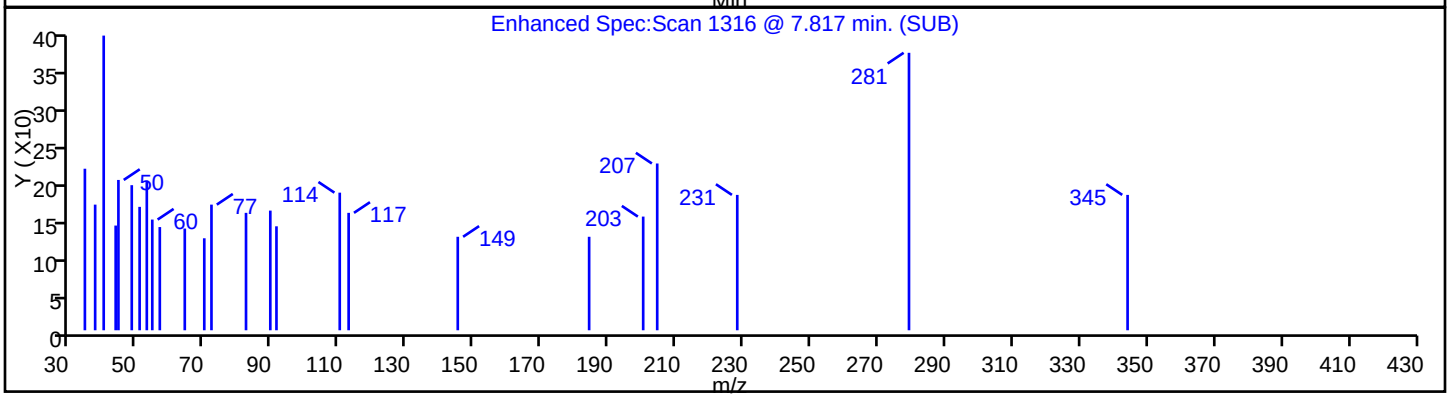
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10769.D		
Inj Date:	06-Oct-2009 18:40:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	5
Client ID:		Instrument:	Inst. B
Sample Info:	0.5 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

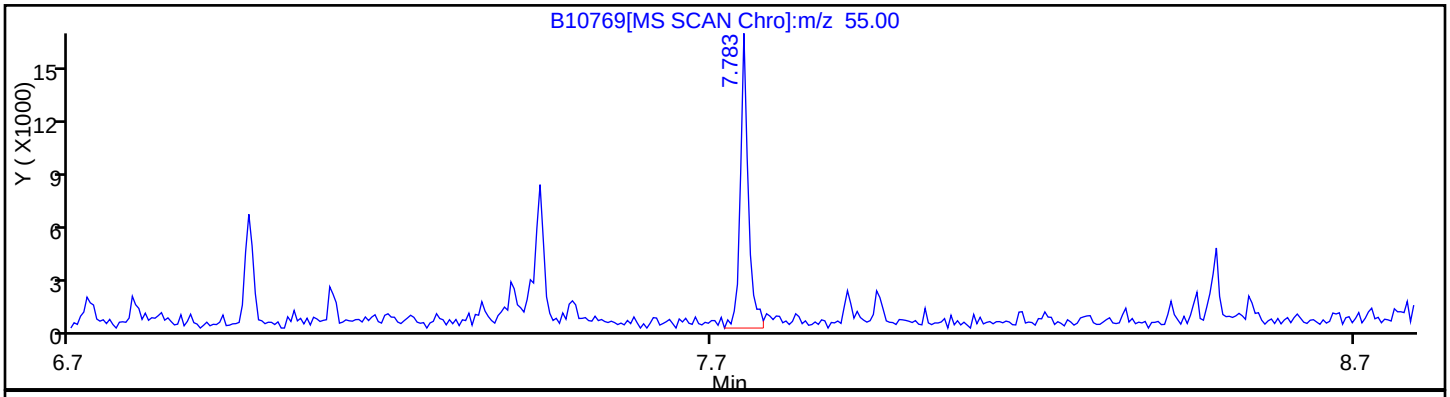
44 Caprolactam

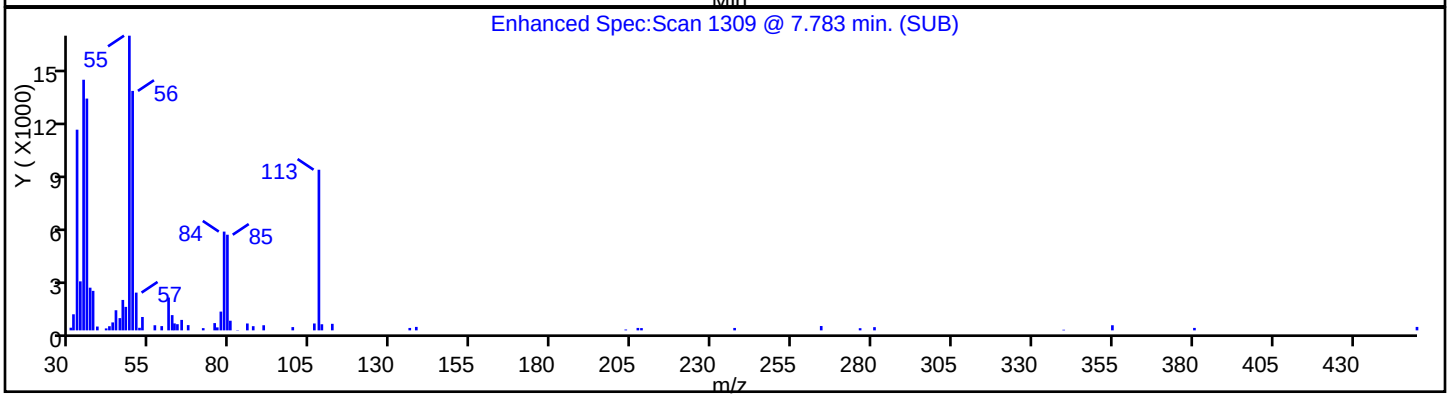
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:31:37
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10770.D		
Lims ID:	std1	Client ID:	
Inject. Date:	06-Oct-2009 19:08:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	4
Sample ID:	1.0 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	6
Lims Batch ID:	49981	Lims Sample ID:	6
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:46	Calib Date:	06-Oct-2009 19:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10770.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:32:52
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:46

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.278	6.282	-0.004	192312	2.00	
* 2 Naphthalene-d8	136	7.442	7.441	0.001	429007	2.00	
* 3 Acenaphthene-d10	164	8.918	8.922	-0.004	201518	2.00	
* 4 Phenanthrene-d10	188	10.145	10.148	-0.003	319655	2.00	
* 5 Chrysene-d12	240	12.386	12.389	-0.003	219684	2.00	
* 6 Perylene-d12	264	14.535	14.544	-0.009	126288	2.00	
$ 7 2-Fluorophenol	112	4.696	4.705	-0.009	52404	1.05	
$ 8 Phenol-d5	99	5.961	5.965	-0.004	78054	1.09	
$ 9 Nitrobenzene-d5	82	6.812	6.811	0.001	87077	1.12	
$ 10 2-Fluorobiphenyl	172	8.365	8.364	0.001	143824	1.04	
$ 11 2,4,6-Tribromophenol	330	9.572	9.576	-0.004	12527	1.00	
$ 12 Terphenyl-d14	244	11.462	11.466	-0.004	99925	1.07	
14 1,4-Dioxane	88	1.657	1.680	-0.023	26496	1.24	
16 Pyridine	79	2.027	2.036	-0.009	53642	1.12	
15 N-Nitrosodimethylamine	42	2.027	2.055	-0.028	65943	1.21	
17 Benzaldehyde	105	5.831	5.835	-0.004	31619	1.17	
19 Aniline	93	5.956	5.960	-0.004	93598	1.11	
18 Phenol	94	5.971	5.979	-0.008	93387	1.06	
20 Bis(2-chloroethyl)ether	93	6.048	6.051	-0.003	58692	1.04	
21 2-Chlorophenol	128	6.067	6.071	-0.004	71675	1.11	
22 1,4-Dichlorobenzene	146	6.216	6.220	-0.004	83539	1.05	
23 1,3-Dichlorobenzene	146	6.293	6.297	-0.004	89229	1.08	
24 Benzyl alcohol	79	6.437	6.441	-0.004	60135	1.11	
25 1,2-Dichlorobenzene	146	6.437	6.441	-0.004	83517	1.08	
26 2-Methylphenol	108	6.557	6.561	-0.004	61807	1.10	
27 2,2'-oxybis[1-chloropropane]	45	6.576	6.575	0.001	122856	1.07	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.677	6.681	-0.004	95437	1.14	
29 N-Nitrosodi-n-propylamine	70	6.692	6.696	-0.004	51621	1.14	
28 3 & 4 Methylphenol	108	6.706	6.710	-0.004	61235	1.12	
31 Hexachloroethane	117	6.750	6.753	-0.003	36112	1.14	
32 Nitrobenzene	77	6.827	6.830	-0.003	82906	1.11	
33 Isophorone	82	7.048	7.052	-0.004	131373	1.14	
34 2-Nitrophenol	139	7.115	7.119	-0.004	33750	1.07	
35 2,4-Dimethylphenol	107	7.173	7.177	-0.004	72248	1.10	
37 Bis(2-chloroethoxy)methane	93	7.255	7.254	0.000	71052	1.10	
36 Benzoic acid	105	7.226	7.263	-0.037	8470	0.7422	
38 2,4-Dichlorophenol	162	7.327	7.330	-0.003	54331	1.12	
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	65804	1.12	
41 Naphthalene	128	7.461	7.460	0.001	203336	1.07	
40 Alpha-Terpineol	59	7.481	7.484	-0.003	68909	1.06	
42 4-Chloroaniline	127	7.519	7.523	-0.004	77712	1.09	
43 Hexachlorobutadiene	225	7.577	7.581	-0.003	36076	1.11	
44 Caprolactam	55	7.788	7.811	-0.023	29851	1.12	
45 4-Chloro-3-methylphenol	107	7.937	7.946	-0.009	57817	1.08	
46 2-Methylnaphthalene	142	8.053	8.057	-0.004	138558	1.06	
47 1-Methylnaphthalene	142	8.135	8.138	-0.003	137613	1.11	
48 Hexachlorocyclopentadiene	237	8.187	8.191	-0.004	18365	0.9115	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	54241	1.07	
50 2,4,6-Trichlorophenol	196	8.293	8.297	-0.004	32985	1.00	
51 2,4,5-Trichlorophenol	196	8.322	8.331	-0.009	36119	1.04	
52 1,1'-Biphenyl	154	8.447	8.451	-0.004	160893	1.08	
53 2-Chloronaphthalene	162	8.457	8.461	-0.003	148901	1.05	
54 Phenyl ether	170	8.534	8.537	-0.003	83121	1.10	
68 4-Nitroaniline	138	8.548	8.552	-0.004	40822	1.01	
56 Dimethyl phthalate	163	8.702	8.711	-0.009	147781	1.09	
57 2,6-Dinitrotoluene	165	8.750	8.759	-0.009	30704	1.04	
58 Acenaphthylene	152	8.803	8.807	-0.004	197484	1.09	
59 3-Nitroaniline	138	8.890	8.893	-0.003	33274	1.06	
61 Acenaphthene	153	8.947	8.951	-0.004	128092	1.05	
60 2,4-Dinitrophenol	184	8.981	8.980	0.001	3199	0.9502	
62 4-Nitrophenol	109	9.034	9.038	-0.004	19342	0.9540	
64 Dibenzofuran	168	9.091	9.090	0.001	170473	1.05	
63 2,4-Dinitrotoluene	165	9.082	9.090	-0.008	38360	0.9593	
65 2,3,4,6-Tetrachlorophenol	232	9.197	9.196	0.001	24335	1.03	
66 Diethyl phthalate	149	9.284	9.292	-0.008	157215	1.04	
69 Fluorene	166	9.370	9.374	-0.004	138373	1.04	
67 4-Chlorophenyl phenyl ether	204	9.375	9.379	-0.004	65676	1.08	
55 2-Nitroaniline	65	9.390	9.393	-0.003	46721	1.26	
70 4,6-Dinitro-2-methylphenol	198	9.418	9.422	-0.004	6987	0.99	
71 Diphenylamine	169	9.471	9.475	-0.004	118222	1.08	
72 N-Nitrosodiphenylamine	169	9.471	9.475	-0.004	118222	1.08	
73 1,2-Diphenylhydrazine	77	9.505	9.509	-0.004	279375	1.13	
74 Azobenzene	77	9.505	9.509	-0.004	279375	1.13	
13 Benzophenone	105	9.515	9.518	-0.003	137123	1.09	
75 4-Bromophenyl phenyl ether	248	9.779	9.778	0.001	32521	1.09	
76 Hexachlorobenzene	284	9.827	9.831	-0.004	29551	1.07	
77 Atrazine	200	9.919	9.922	-0.003	27959	1.01	
78 Pentachlorophenol	266	9.991	9.995	-0.004	9185	0.9355	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.000	10.004	-0.004	17052	0.99	
80 Phenanthrene	178	10.164	10.168	-0.004	186030	1.08	
81 Anthracene	178	10.202	10.206	-0.004	178002	1.11	
83 Carbazole	167	10.342	10.341	0.001	160515	1.14	
84 Di-n-butyl phthalate	149	10.635	10.639	-0.004	238813	1.04	
87 Fluoranthene	202	11.145	11.144	0.001	164539	1.12	
86 Benzidine	184	11.255	11.259	-0.004	27354	1.09	
85 Pyrene	202	11.328	11.331	-0.003	166527	1.05	
89 Butyl benzyl phthalate	149	11.871	11.870	0.001	91275	1.14	
91 3,3'-Dichlorobenzidine	252	12.352	12.356	-0.004	31421	1.11	
93 Benzo[a]anthracene	228	12.376	12.380	-0.004	114890	1.13	
94 Chrysene	228	12.410	12.418	-0.008	109474	1.10	
92 Bis(2-ethylhexyl) phthalate	149	12.419	12.423	-0.004	122476	1.08	
95 Di-n-octyl phthalate	149	13.270	13.274	-0.004	143526	0.9553	
97 Benzo[b]fluoranthene	252	13.823	13.832	-0.009	86321	1.05	
98 Benzo[k]fluoranthene	252	13.876	13.880	-0.004	80159	1.09	
99 Benzo[a]pyrene	252	14.424	14.423	0.001	56916	1.02	
100 Indeno[1,2,3-cd]pyrene	276	16.136	16.145	-0.009	33305	1.06	
101 Dibenz(a,h)anthracene	278	16.170	16.179	-0.009	28450	1.05	
102 Benzo[g,h,i]perylene	276	16.439	16.448	-0.009	36591	1.07	

Report Date: 07-Oct-2009 16:00:47 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10770.D

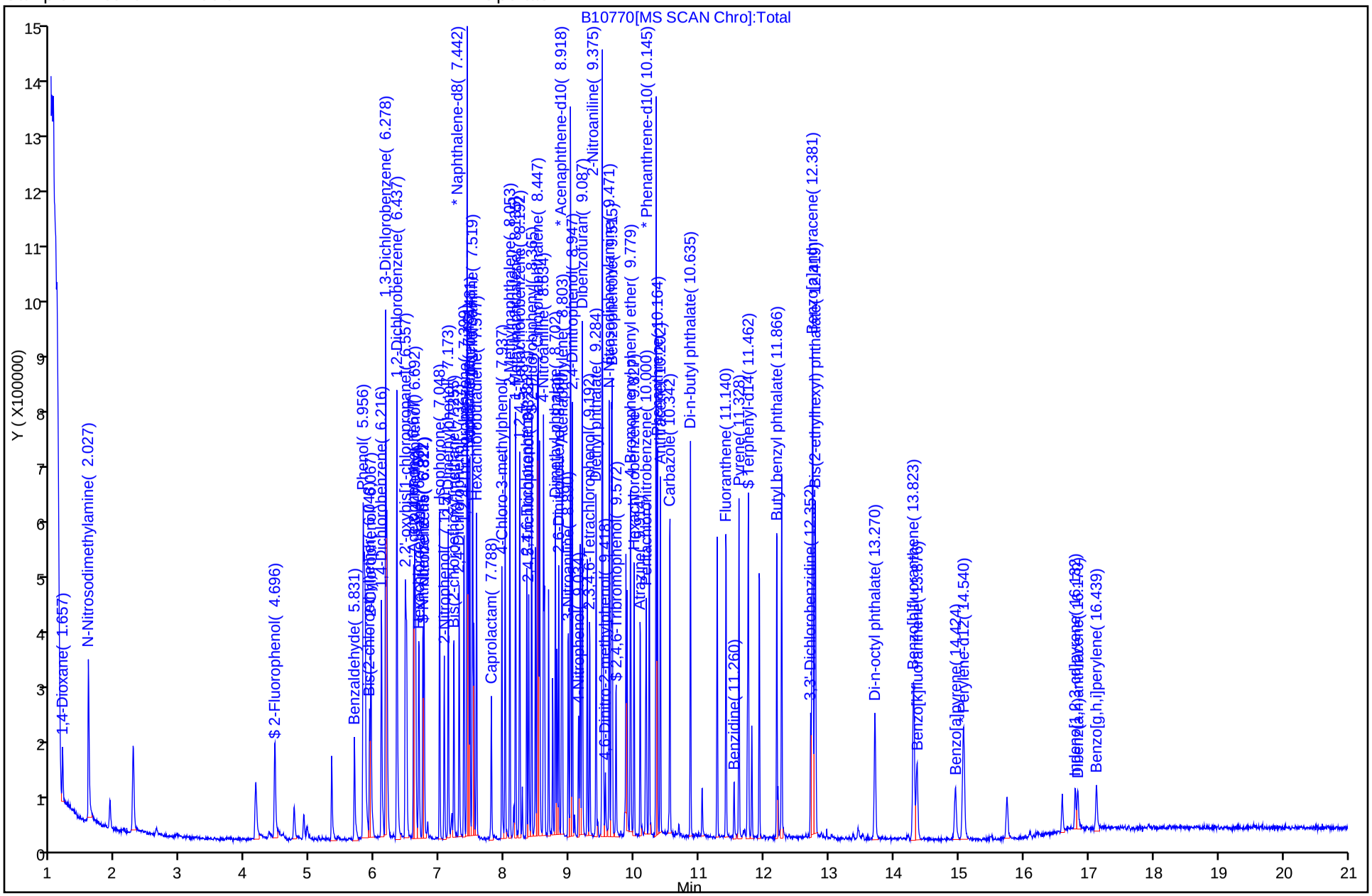
Inj Date: 06-Oct-2009 19:08:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 6

Client ID: Instrument: Inst. B

Sample Info: 1.0 ug/mL

Sample Amount: 1.00 ul Operator: MZ

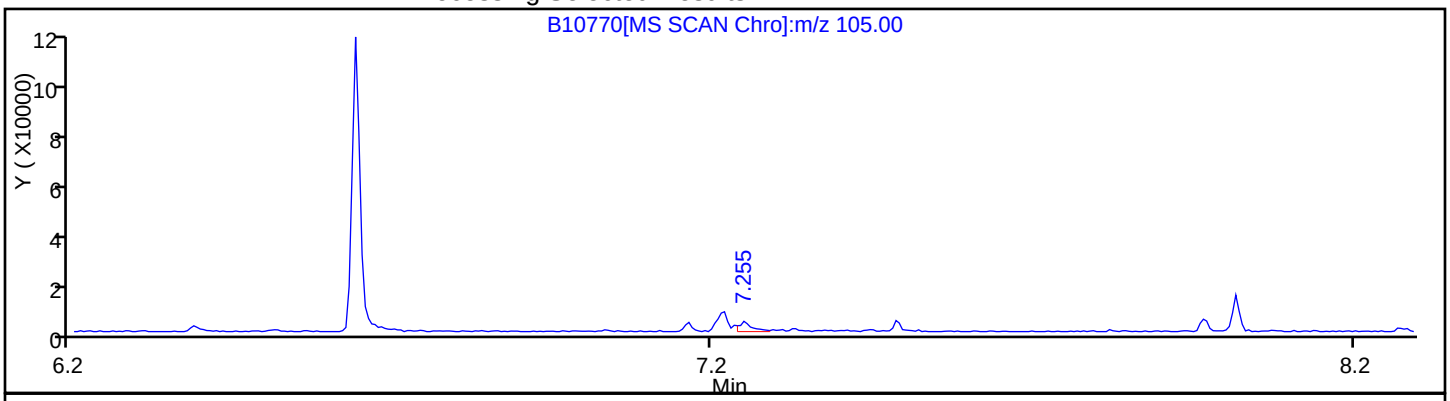


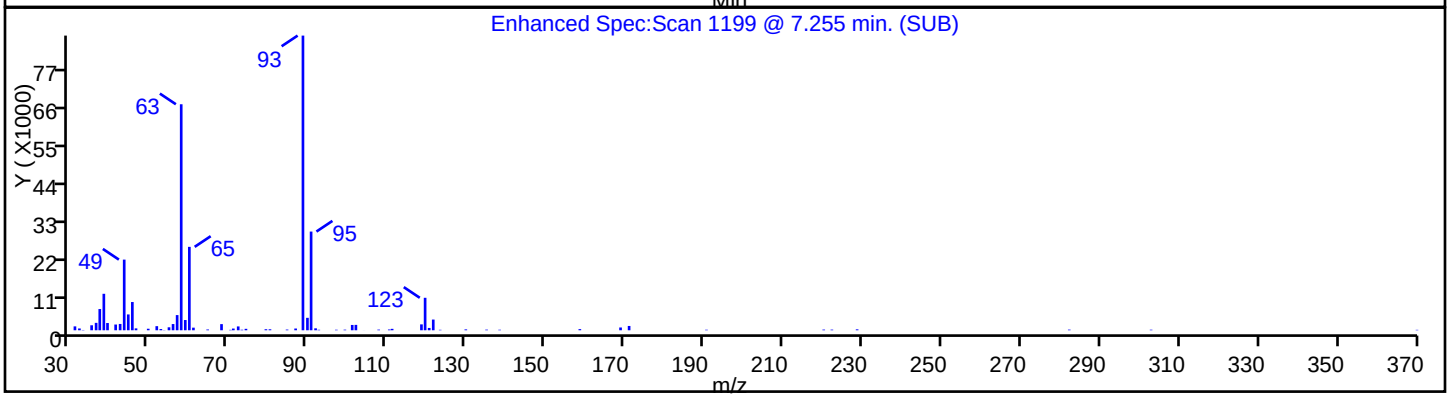
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10770.D		
Inj Date:	06-Oct-2009 19:08:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	6
Client ID:		Instrument:	Inst. B
Sample Info:	1.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

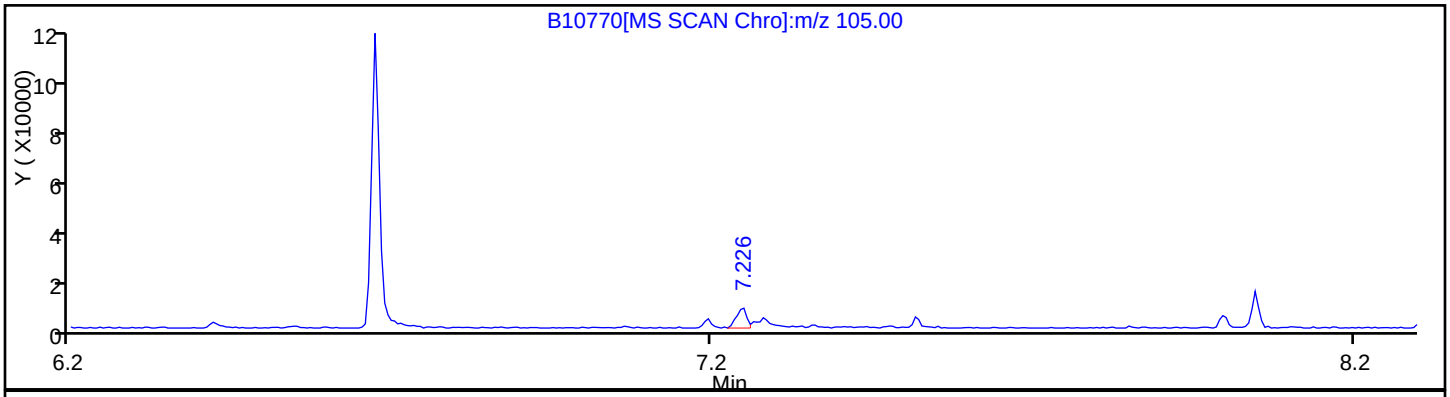
36 Benzoic acid

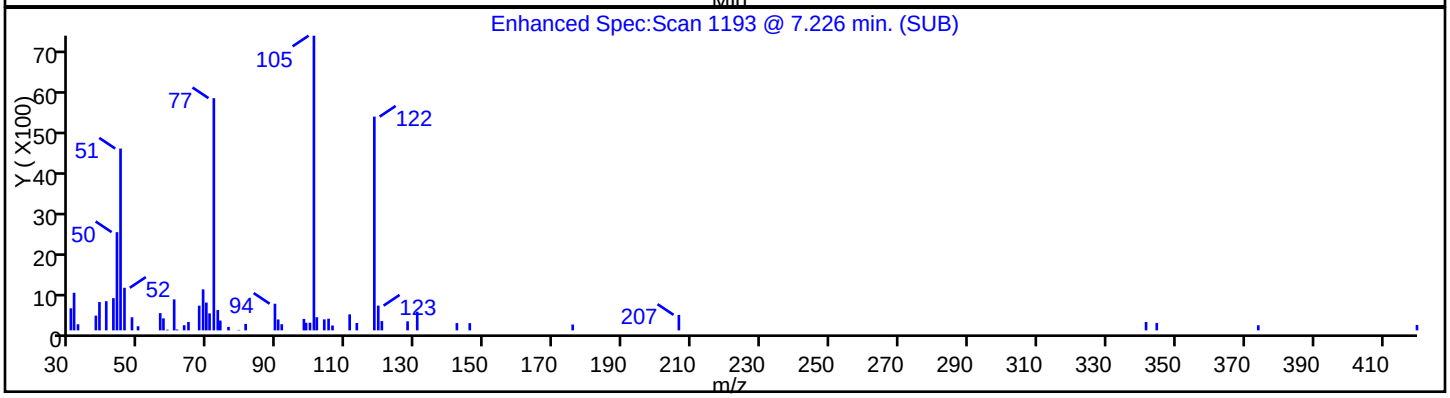
Processing Selected Results





Manual Selected Results





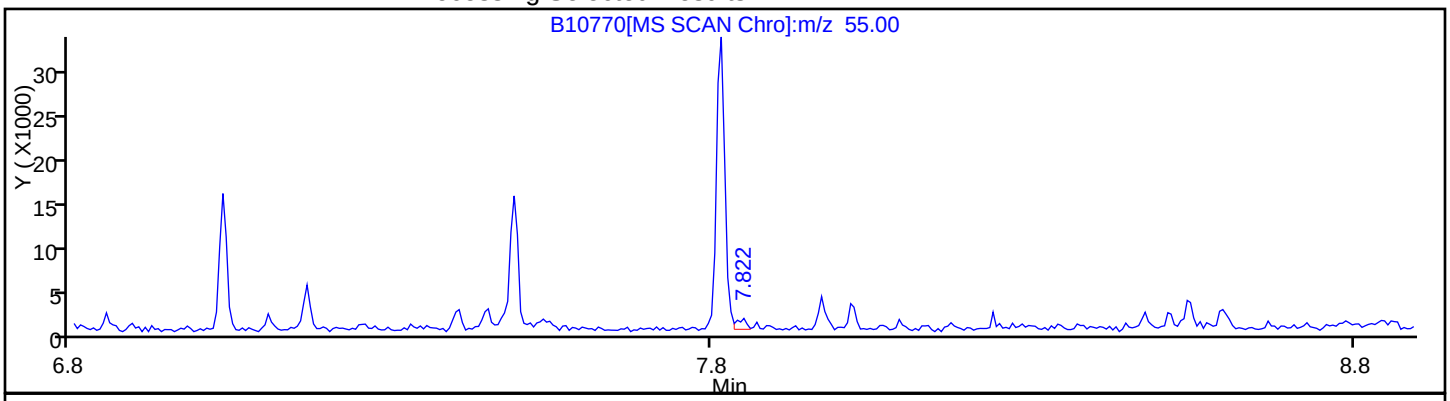
Reviewer: sullivanp, 07-Oct-2009 14:32:52
Audit Action: Selected Alternate Hit
Audit Reason:

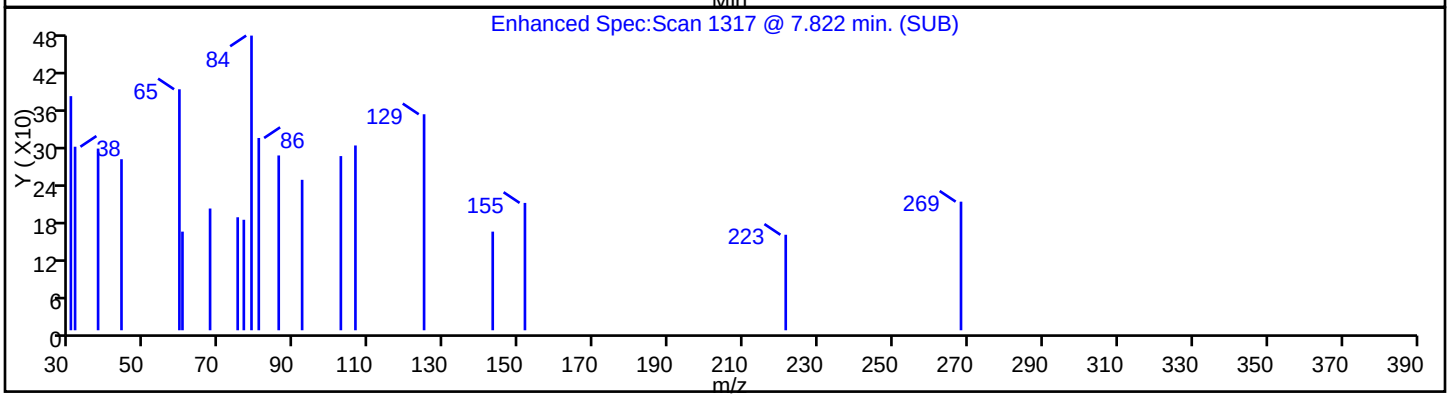
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10770.D		
Inj Date:	06-Oct-2009 19:08:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	6
Client ID:		Instrument:	Inst. B
Sample Info:	1.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

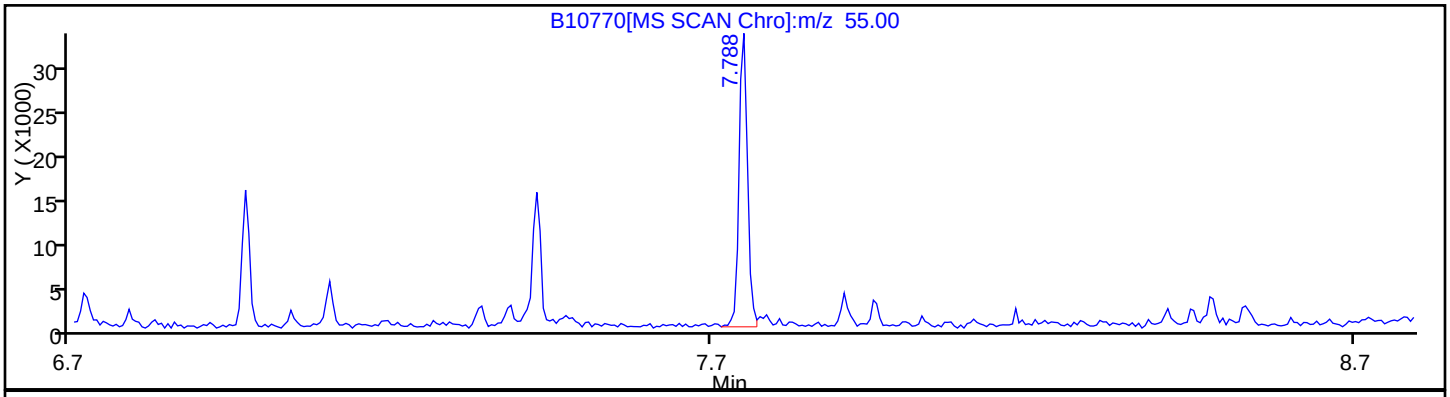
44 Caprolactam

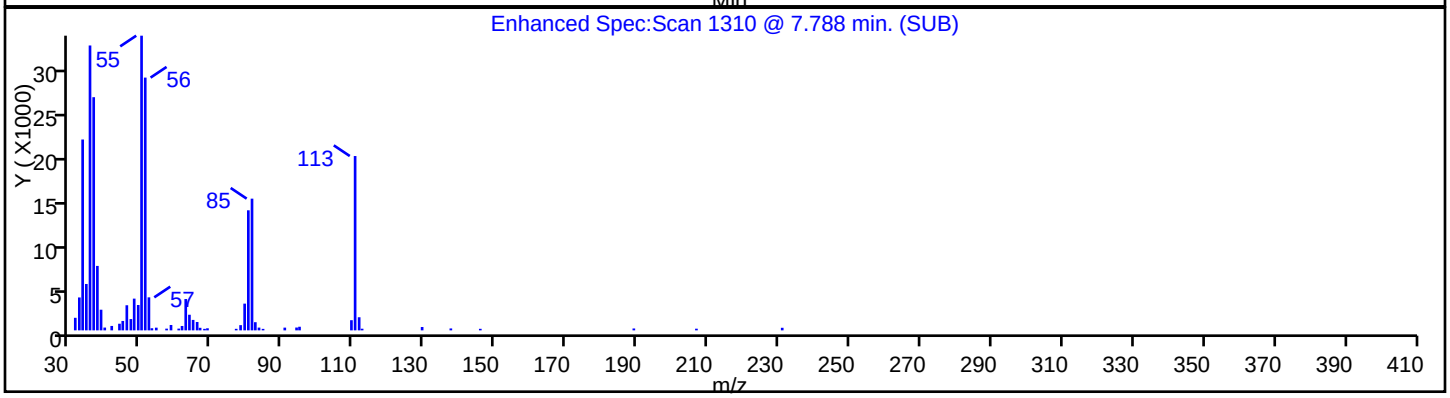
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:32:52
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10771.D		
Lims ID:	std25	Client ID:	
Inject. Date:	06-Oct-2009 19:35:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	5
Sample ID:	2.5 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	7
Lims Batch ID:	49981	Lims Sample ID:	7
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:54	Calib Date:	06-Oct-2009 19:35:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10771.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:33:58
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:54

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.278	6.282	-0.004	213003	2.00	
* 2 Naphthalene-d8	136	7.442	7.441	0.001	443663	2.00	
* 3 Acenaphthene-d10	164	8.923	8.922	0.001	209210	2.00	
* 4 Phenanthrene-d10	188	10.145	10.148	-0.004	341154	2.00	
* 5 Chrysene-d12	240	12.385	12.389	-0.004	253956	2.00	
* 6 Perylene-d12	264	14.540	14.544	-0.004	162275	2.00	
$ 7 2-Fluorophenol	112	4.691	4.705	-0.014	143152	2.57	
$ 8 Phenol-d5	99	5.961	5.965	-0.004	208329	2.60	
$ 9 Nitrobenzene-d5	82	6.812	6.811	0.001	219836	2.68	
$ 10 2-Fluorobiphenyl	172	8.365	8.364	0.001	382382	2.63	
$ 11 2,4,6-Tribromophenol	330	9.572	9.576	-0.004	32873	2.41	
$ 12 Terphenyl-d14	244	11.462	11.466	-0.004	266309	2.47	
14 1,4-Dioxane	88	1.662	1.680	-0.018	54071	2.50	
16 Pyridine	79	2.022	2.036	-0.014	132938	2.51	
15 N-Nitrosodimethylamine	42	2.032	2.055	-0.023	154357	2.57	
17 Benzaldehyde	105	5.831	5.835	-0.004	79204	2.57	
19 Aniline	93	5.956	5.960	-0.004	247319	2.63	
18 Phenol	94	5.975	5.979	-0.004	232801	2.37	
20 Bis(2-chloroethyl)ether	93	6.047	6.051	-0.004	155030	2.49	
21 2-Chlorophenol	128	6.067	6.071	-0.004	179373	2.51	
22 1,4-Dichlorobenzene	146	6.216	6.220	-0.004	214654	2.45	
23 1,3-Dichlorobenzene	146	6.297	6.297	0.000	225800	2.47	
24 Benzyl alcohol	79	6.437	6.441	-0.004	166608	2.73	
25 1,2-Dichlorobenzene	146	6.437	6.441	-0.004	207660	2.45	
26 2-Methylphenol	108	6.557	6.561	-0.004	158107	2.54	
27 2,2'-oxybis[1-chloropropane]	45	6.576	6.575	0.001	297741	2.37	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.677	6.681	-0.004	244986	2.61	
29 N-Nitrosodi-n-propylamine	70	6.692	6.696	-0.004	130291	2.59	
28 3 & 4 Methylphenol	108	6.706	6.710	-0.004	164210	2.67	
31 Hexachloroethane	117	6.749	6.753	-0.004	88880	2.53	
32 Nitrobenzene	77	6.826	6.830	-0.004	219861	2.78	
33 Isophorone	82	7.048	7.052	-0.004	350164	2.86	
34 2-Nitrophenol	139	7.115	7.119	-0.004	88180	2.57	
35 2,4-Dimethylphenol	107	7.173	7.177	-0.004	186827	2.71	
37 Bis(2-chloroethoxy)methane	93	7.254	7.254	0.000	183445	2.71	
36 Benzoic acid	105	7.240	7.263	-0.023	42838	2.54	
38 2,4-Dichlorophenol	162	7.331	7.330	0.001	144625	2.81	
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	163044	2.64	
41 Naphthalene	128	7.461	7.460	0.001	516784	2.61	
40 Alpha-Terpineol	59	7.480	7.484	-0.004	175516	2.55	
42 4-Chloroaniline	127	7.519	7.523	-0.004	218069	2.87	
43 Hexachlorobutadiene	225	7.577	7.581	-0.003	92042	2.69	
44 Caprolactam	55	7.798	7.811	-0.013	77581	2.75	
45 4-Chloro-3-methylphenol	107	7.942	7.946	-0.004	157621	2.79	
46 2-Methylnaphthalene	142	8.053	8.057	-0.004	358041	2.63	
47 1-Methylnaphthalene	142	8.134	8.138	-0.004	348945	2.67	
48 Hexachlorocyclopentadiene	237	8.192	8.191	0.001	58445	2.60	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	139981	2.64	
50 2,4,6-Trichlorophenol	196	8.298	8.297	0.001	91902	2.58	
51 2,4,5-Trichlorophenol	196	8.327	8.331	-0.004	97366	2.61	
52 1,1'-Biphenyl	154	8.447	8.451	-0.004	416429	2.66	
53 2-Chloronaphthalene	162	8.457	8.461	-0.003	375367	2.55	
54 Phenyl ether	170	8.534	8.537	-0.003	213649	2.69	
68 4-Nitroaniline	138	8.548	8.552	-0.004	109618	2.63	
56 Dimethyl phthalate	163	8.707	8.711	-0.004	380281	2.66	
57 2,6-Dinitrotoluene	165	8.755	8.759	-0.004	83538	2.62	
58 Acenaphthylene	152	8.803	8.807	-0.004	530325	2.75	
59 3-Nitroaniline	138	8.889	8.893	-0.004	86111	2.54	
61 Acenaphthene	153	8.947	8.951	-0.004	337425	2.63	
60 2,4-Dinitrophenol	184	8.981	8.980	0.001	16069	3.80	
62 4-Nitrophenol	109	9.034	9.038	-0.004	62301	2.53	
64 Dibenzofuran	168	9.091	9.090	0.001	451545	2.65	
63 2,4-Dinitrotoluene	165	9.087	9.090	-0.003	107927	2.49	
65 2,3,4,6-Tetrachlorophenol	232	9.197	9.196	0.001	64512	2.53	
66 Diethyl phthalate	149	9.289	9.292	-0.003	409881	2.59	
69 Fluorene	166	9.375	9.374	0.001	389959	2.77	
67 4-Chlorophenyl phenyl ether	204	9.375	9.379	-0.004	172322	2.69	
55 2-Nitroaniline	65	9.390	9.393	-0.003	122814	2.56	
70 4,6-Dinitro-2-methylphenol	198	9.418	9.422	-0.004	29966	2.55	
71 Diphenylamine	169	9.476	9.475	0.001	312436	2.64	
72 N-Nitrosodiphenylamine	169	9.476	9.475	0.001	312436	2.64	
73 1,2-Diphenylhydrazine	77	9.505	9.509	-0.004	731357	2.72	
74 Azobenzene	77	9.505	9.509	-0.004	731357	2.72	
13 Benzophenone	105	9.519	9.518	0.001	362514	2.67	
75 4-Bromophenyl phenyl ether	248	9.779	9.778	0.001	84016	2.62	
76 Hexachlorobenzene	284	9.832	9.831	0.001	77954	2.63	
77 Atrazine	200	9.918	9.922	-0.004	75982	2.50	
78 Pentachlorophenol	266	9.991	9.995	-0.004	34166	2.48	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.005	10.004	0.001	45804	2.42	
80 Phenanthrene	178	10.164	10.168	-0.004	482877	2.60	
81 Anthracene	178	10.207	10.206	0.001	466491	2.68	
83 Carbazole	167	10.342	10.341	0.001	415550	2.72	
84 Di-n-butyl phthalate	149	10.635	10.639	-0.004	634915	2.58	
87 Fluoranthene	202	11.145	11.144	0.001	439058	2.74	
86 Benzidine	184	11.260	11.259	0.001	78612	2.75	
85 Pyrene	202	11.327	11.331	-0.004	463457	2.53	
89 Butyl benzyl phthalate	149	11.871	11.870	0.001	263322	2.78	
91 3,3'-Dichlorobenzidine	252	12.357	12.356	0.001	94105	2.69	
93 Benzo[a]anthracene	228	12.376	12.380	-0.004	327950	2.74	
94 Chrysene	228	12.414	12.418	-0.004	304636	2.61	
92 Bis(2-ethylhexyl) phthalate	149	12.419	12.423	-0.004	366715	2.75	
95 Di-n-octyl phthalate	149	13.270	13.274	-0.004	473855	2.37	
97 Benzo[b]fluoranthene	252	13.828	13.832	-0.004	275275	2.59	
98 Benzo[k]fluoranthene	252	13.871	13.880	-0.009	238592	2.71	
99 Benzo[a]pyrene	252	14.424	14.423	0.001	192696	2.56	
100 Indeno[1,2,3-cd]pyrene	276	16.141	16.145	-0.004	108185	2.64	
101 Dibenz(a,h)anthracene	278	16.175	16.179	-0.004	108550	3.00	
102 Benzo[g,h,i]perylene	276	16.439	16.448	-0.009	121229	2.72	

Report Date: 07-Oct-2009 16:00:54 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10771.D

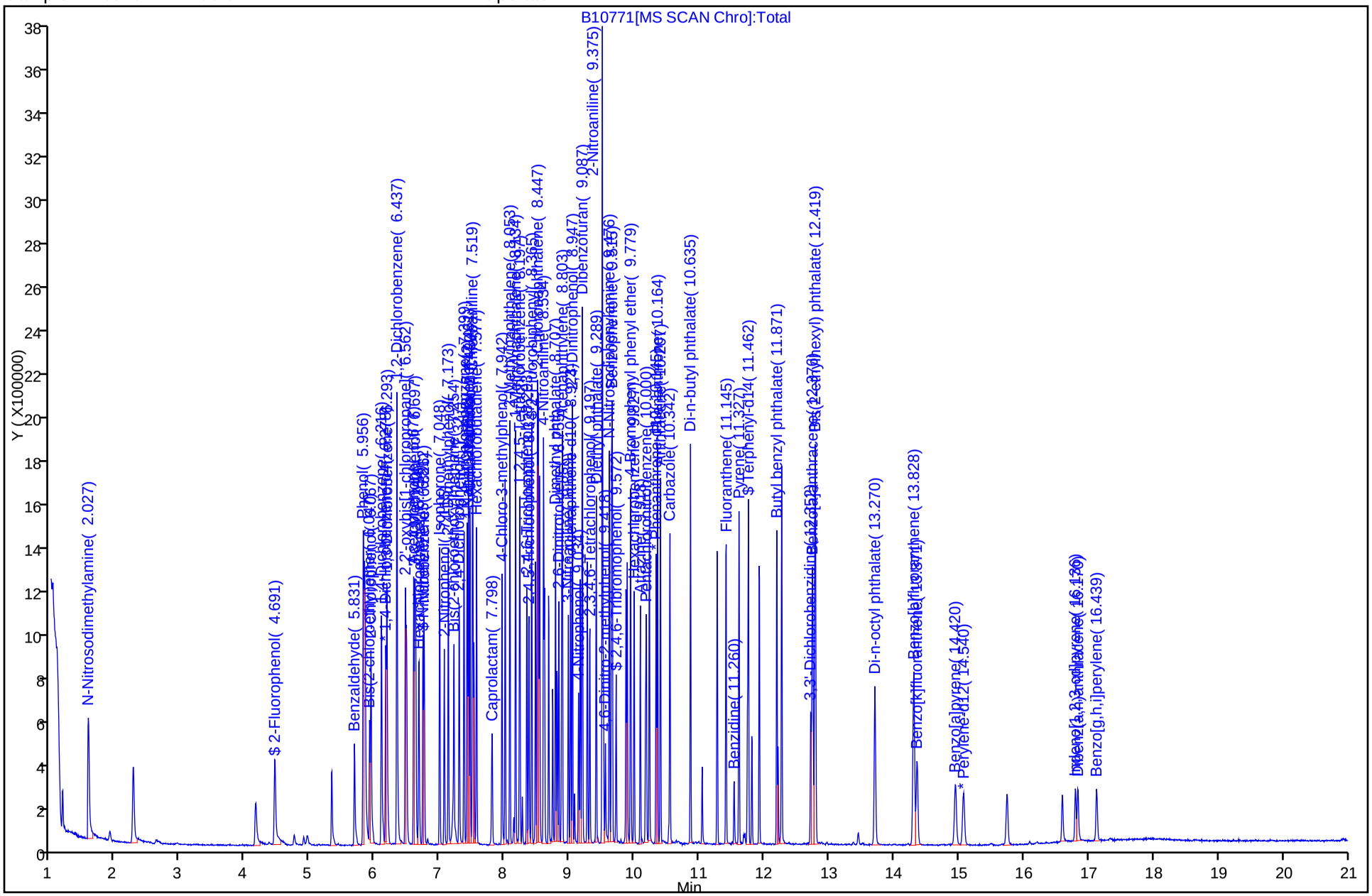
Inj Date: 06-Oct-2009 19:35:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 7

Client ID: Instrument: Inst. B

Sample Info: 2.5 ug/mL

Sample Amount: 1.00 ul Operator: MZ

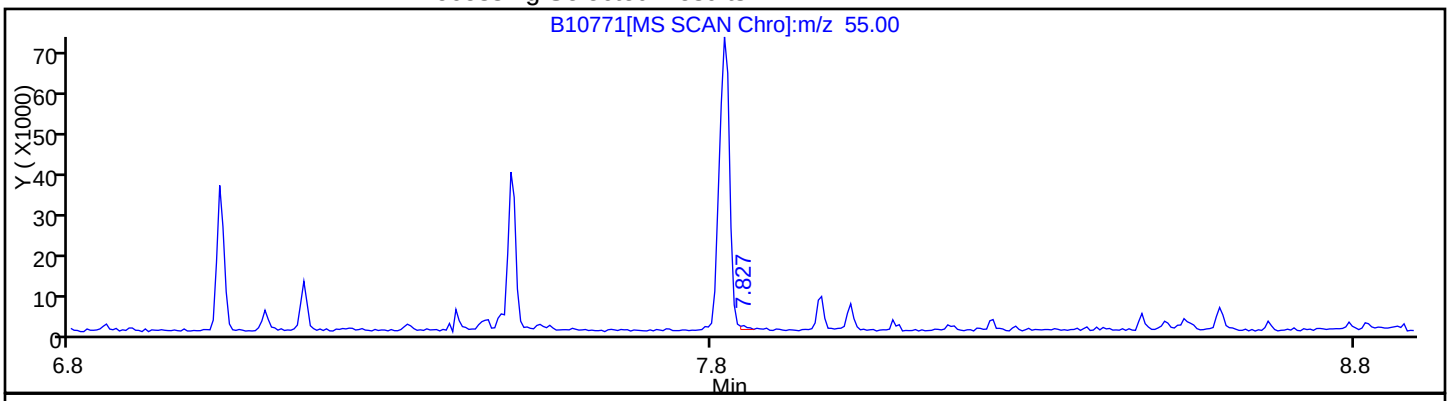


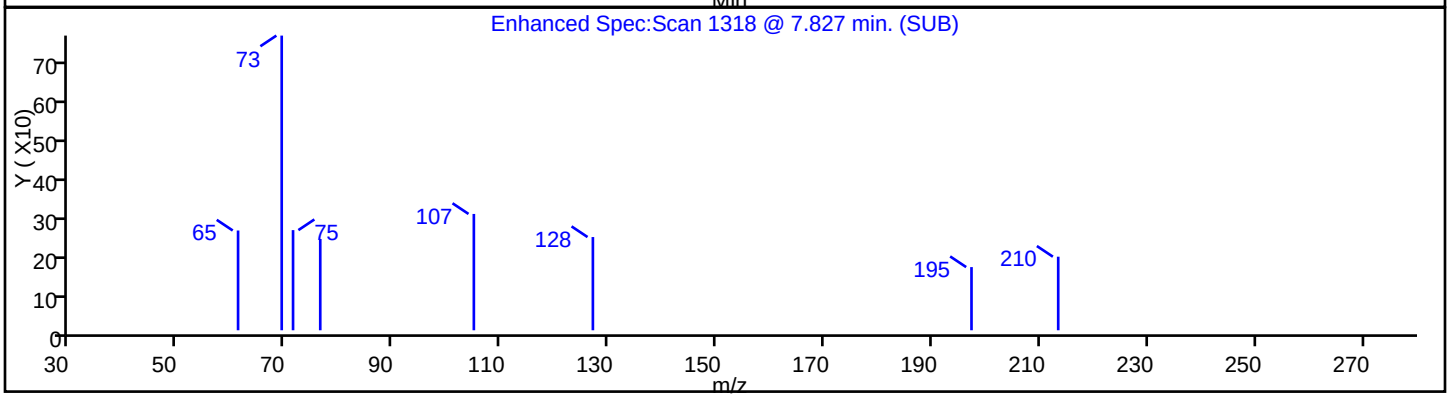
Chrom Revision: 1.1 01-Oct-2009 08:19:20
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10771.D		
Inj Date:	06-Oct-2009 19:35:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	7
Client ID:		Instrument:	Inst. B
Sample Info:	2.5 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

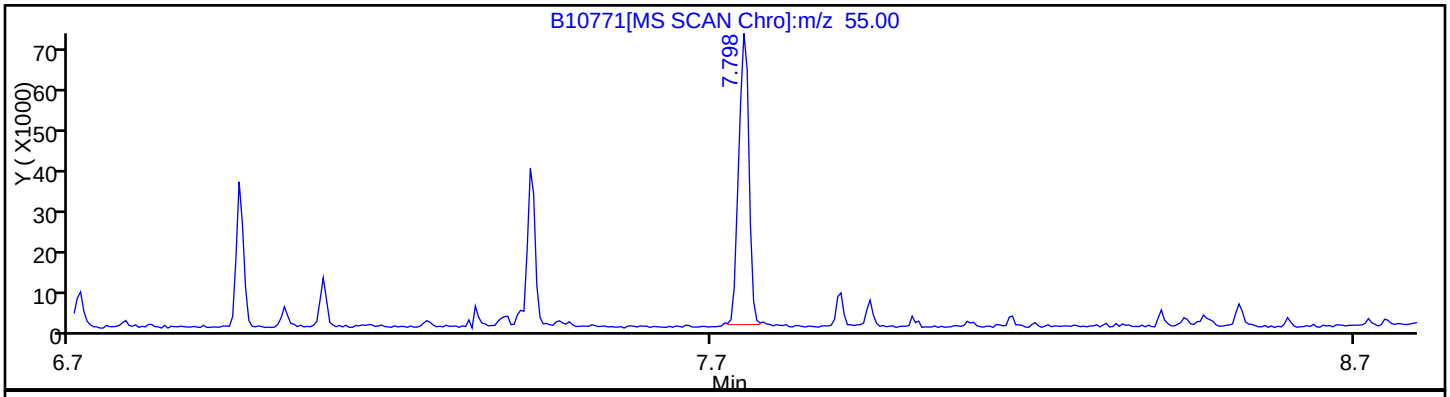
44 Caprolactam

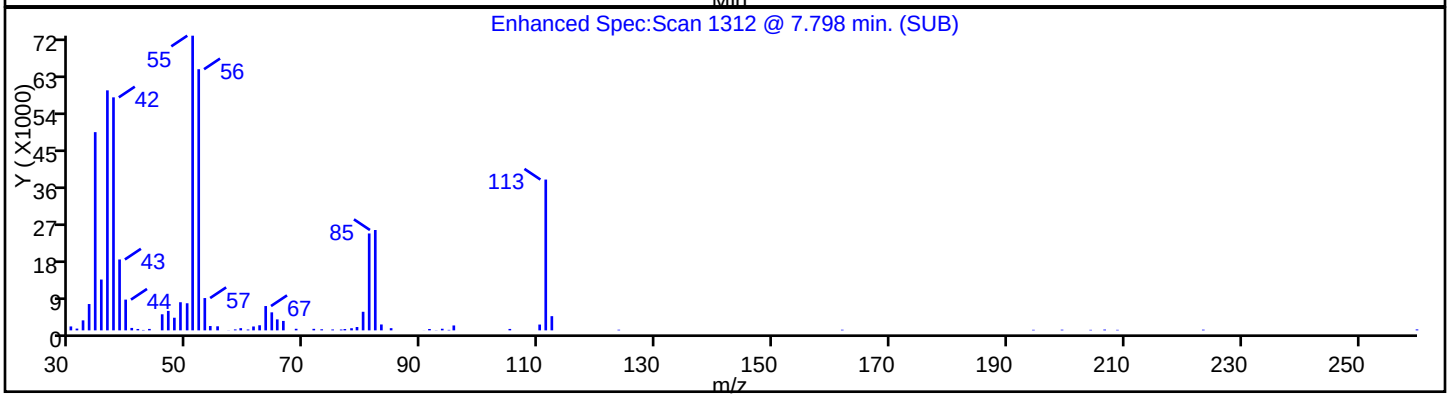
Processing Selected Results





Manual Selected Results





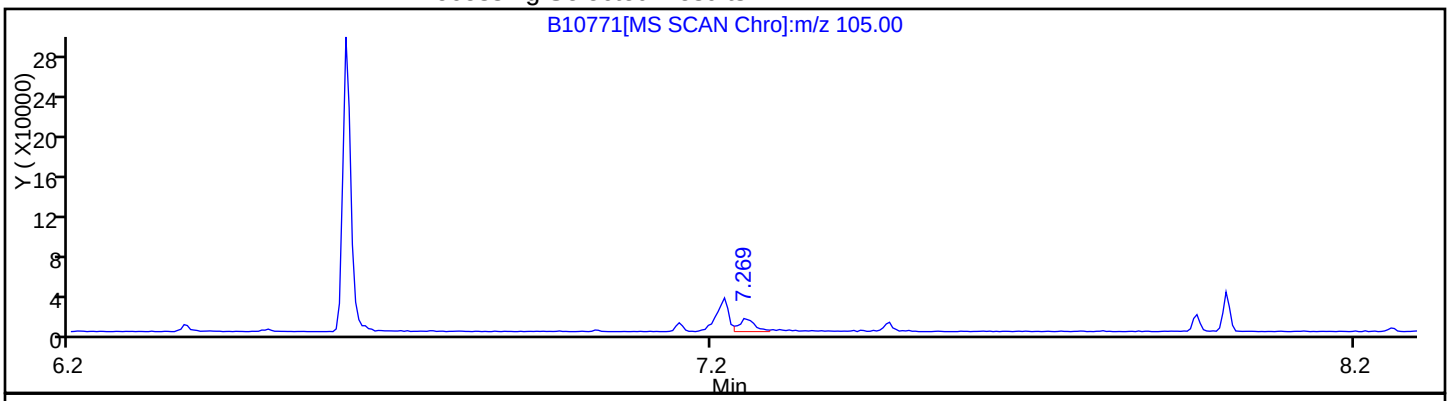
Reviewer: sullivanp, 07-Oct-2009 14:33:58
Audit Action: Selected Alternate Hit
Audit Reason:

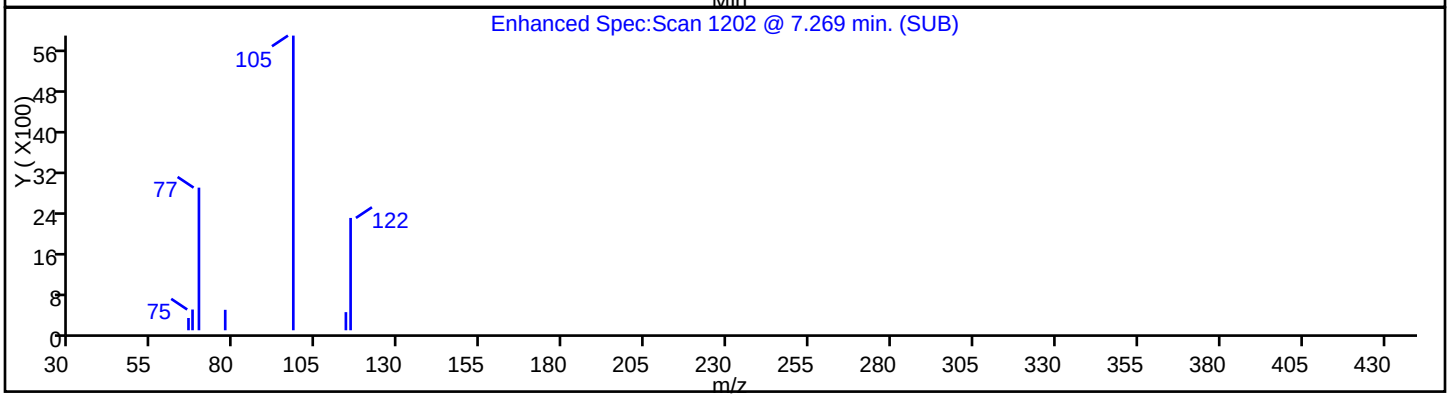
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10771.D		
Inj Date:	06-Oct-2009 19:35:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	7
Client ID:		Instrument:	Inst. B
Sample Info:	2.5 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

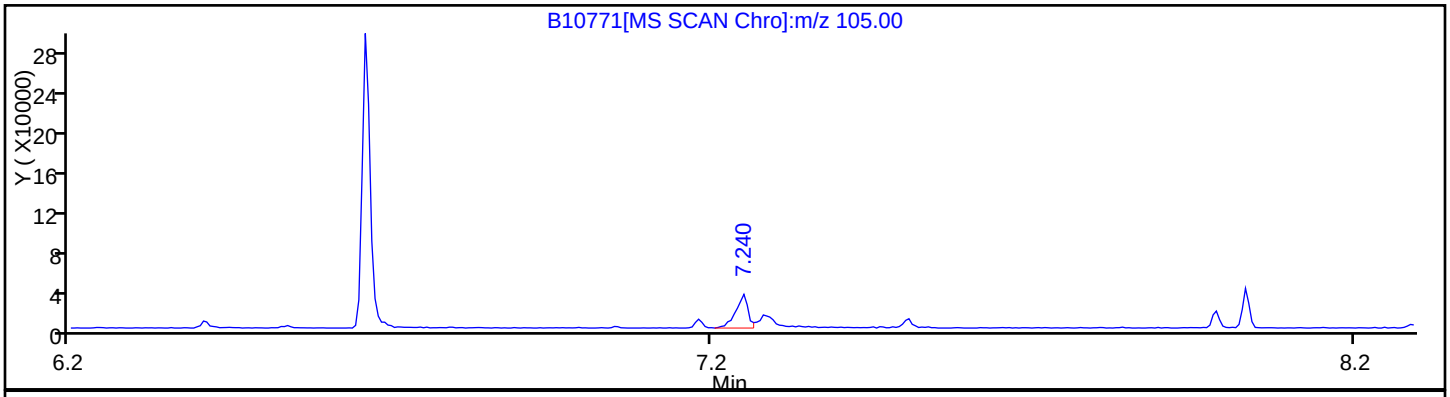
36 Benzoic acid

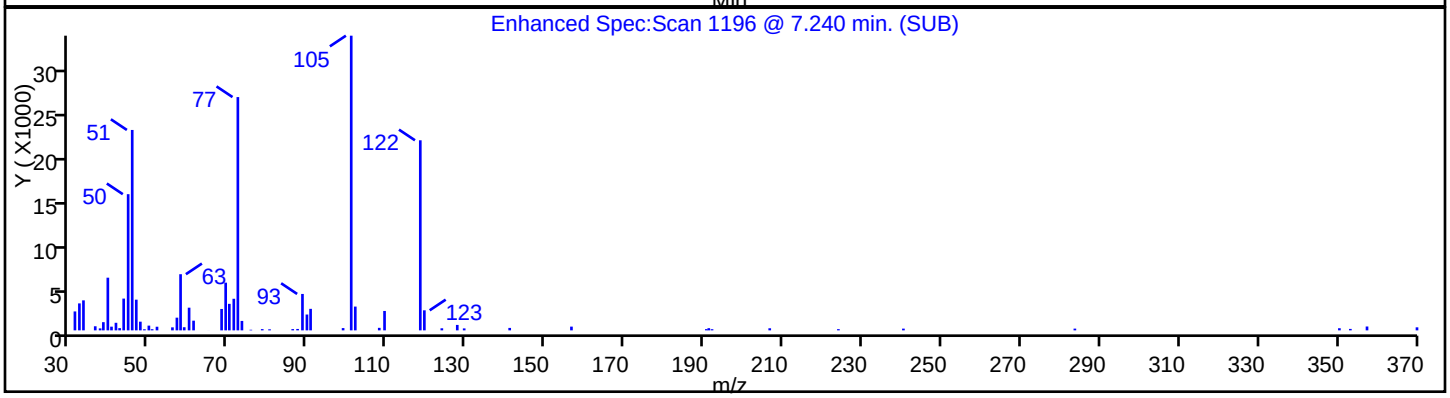
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:33:58
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10772.D		
Lims ID:	std8	Client ID:	
Inject. Date:	06-Oct-2009 20:03:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	7
Sample ID:	8.0 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	8
Lims Batch ID:	49981	Lims Sample ID:	8
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:01:00	Calib Date:	06-Oct-2009 20:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10772.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:35:21
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:01:00

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.280	6.282	-0.002	190190	2.00	
* 2 Naphthalene-d8	136	7.444	7.441	0.003	438804	2.00	
* 3 Acenaphthene-d10	164	8.925	8.922	0.003	209130	2.00	
* 4 Phenanthrene-d10	188	10.147	10.148	-0.001	344430	2.00	
* 5 Chrysene-d12	240	12.387	12.389	-0.002	283211	2.00	
* 6 Perylene-d12	264	14.537	14.544	-0.007	157077	2.00	
$ 7 2-Fluorophenol	112	4.713	4.705	0.008	512874	9.92	5
$ 8 Phenol-d5	99	5.973	5.965	0.008	793790	10.5	5
$ 9 Nitrobenzene-d5	82	6.814	6.811	0.003	809377	9.65	5
$ 10 2-Fluorobiphenyl	172	8.367	8.364	0.003	1493775	9.89	5
$ 11 2,4,6-Tribromophenol	330	9.579	9.576	0.003	137572	8.02	5
$ 12 Terphenyl-d14	244	11.464	11.466	-0.002	1150303	9.32	5
14 1,4-Dioxane	88	1.702	1.680	0.022	190152	8.06	5
16 Pyridine	79	2.058	2.036	0.022	491885	9.91	5
15 N-Nitrosodimethylamine	42	2.077	2.055	0.022	534106	8.07	5
17 Benzaldehyde	105	5.838	5.835	0.003	269205	9.48	5
19 Aniline	93	5.963	5.960	0.003	967699	8.06	5
18 Phenol	94	5.982	5.979	0.003	933177	8.06	5
20 Bis(2-chloroethyl)ether	93	6.054	6.051	0.003	549031	9.55	5
21 2-Chlorophenol	128	6.074	6.071	0.003	641195	9.70	5
22 1,4-Dichlorobenzene	146	6.223	6.220	0.003	771078	9.54	5
23 1,3-Dichlorobenzene	146	6.300	6.297	0.003	801323	9.52	5
24 Benzyl alcohol	79	6.444	6.441	0.003	702785	8.05	5
25 1,2-Dichlorobenzene	146	6.444	6.441	0.003	782643	9.91	5
26 2-Methylphenol	108	6.564	6.561	0.003	587815	10.1	5
27 2,2'-oxybis[1-chloropropane]	45	6.578	6.575	0.003	1053469	9.18	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.684	6.681	0.003	895702	10.2	5
29 N-Nitrosodi-n-propylamine	70	6.703	6.696	0.007	505878	8.06	5
28 3 & 4 Methylphenol	108	6.713	6.710	0.003	626086	8.07	5
31 Hexachloroethane	117	6.756	6.753	0.003	330268	10.1	5
32 Nitrobenzene	77	6.833	6.830	0.003	794392	9.77	5
33 Isophorone	82	7.055	7.052	0.002	1284545	8.62	5
34 2-Nitrophenol	139	7.117	7.119	-0.002	334110	8.05	5
35 2,4-Dimethylphenol	107	7.180	7.177	0.003	707731	9.96	5
37 Bis(2-chloroethoxy)methane	93	7.256	7.254	0.002	676842	9.73	5
36 Benzoic acid	105	7.285	7.263	0.022	327509	8.02	5M
38 2,4-Dichlorophenol	162	7.333	7.330	0.003	542210	8.05	5
39 1,2,4-Trichlorobenzene	180	7.401	7.398	0.003	611858	9.67	5
41 Naphthalene	128	7.463	7.460	0.003	1942655	9.59	5
40 Alpha-Terpineol	59	7.487	7.484	0.003	652939	9.11	5
42 4-Chloroaniline	127	7.521	7.523	-0.002	856780	8.04	5
43 Hexachlorobutadiene	225	7.579	7.581	-0.001	351044	9.96	5
44 Caprolactam	55	7.829	7.811	0.018	297851	8.63	5
45 4-Chloro-3-methylphenol	107	7.949	7.946	0.003	616014	8.03	5
46 2-Methylnaphthalene	142	8.055	8.057	-0.002	1371364	9.79	5
47 1-Methylnaphthalene	142	8.136	8.138	-0.002	1337588	9.95	5
48 Hexachlorocyclopentadiene	237	8.194	8.191	0.003	252201	8.05	5
49 1,2,4,5-Tetrachlorobenzene	216	8.199	8.196	0.003	548857	10.0	5
50 2,4,6-Trichlorophenol	196	8.300	8.297	0.003	357177	8.69	5
51 2,4,5-Trichlorophenol	196	8.329	8.331	-0.002	371239	8.64	5
52 1,1'-Biphenyl	154	8.449	8.451	-0.002	1626413	9.97	5
53 2-Chloronaphthalene	162	8.463	8.461	0.003	1638604	10.5	5
54 Phenyl ether	170	8.536	8.537	-0.001	829608	10.1	5
68 4-Nitroaniline	138	8.555	8.552	0.003	414502	8.62	5
56 Dimethyl phthalate	163	8.714	8.711	0.003	1397627	9.47	5
57 2,6-Dinitrotoluene	165	8.757	8.759	-0.002	297957	8.96	5
58 Acenaphthylene	152	8.805	8.807	-0.002	2106738	8.04	5
59 3-Nitroaniline	138	8.896	8.893	0.003	306418	8.42	5
61 Acenaphthene	153	8.949	8.951	-0.002	1320510	9.89	5
60 2,4-Dinitrophenol	184	8.983	8.980	0.003	93481	8.05	5
62 4-Nitrophenol	109	9.041	9.038	0.003	261888	8.03	5
64 Dibenzofuran	168	9.093	9.090	0.003	1829970	10.2	5
63 2,4-Dinitrotoluene	165	9.089	9.090	-0.001	463096	8.04	5
65 2,3,4,6-Tetrachlorophenol	232	9.199	9.196	0.003	270599	8.05	5
66 Diethyl phthalate	149	9.291	9.292	-0.001	1528228	9.38	5
69 Fluorene	166	9.377	9.374	0.003	1693454	8.04	5
67 4-Chlorophenyl phenyl ether	204	9.377	9.379	-0.002	775747	8.04	5
55 2-Nitroaniline	65	9.396	9.393	0.003	324454	8.11	5
70 4,6-Dinitro-2-methylphenol	198	9.425	9.422	0.003	142541	13.7	5
71 Diphenylamine	169	9.478	9.475	0.003	1204016	9.71	5
72 N-Nitrosodiphenylamine	169	9.478	9.475	0.003	1204016	9.71	5
73 1,2-Diphenylhydrazine	77	9.512	9.509	0.003	2778293	9.85	5
74 Azobenzene	77	9.512	9.509	0.003	2778293	9.85	5
13 Benzophenone	105	9.521	9.518	0.003	1425913	9.98	5
75 4-Bromophenyl phenyl ether	248	9.781	9.778	0.003	338330	10.0	5
76 Hexachlorobenzene	284	9.834	9.831	0.003	320470	10.2	5
77 Atrazine	200	9.925	9.922	0.003	286497	8.93	5
78 Pentachlorophenol	266	9.998	9.995	0.003	166991	8.02	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.007	10.004	0.003	190334	8.38	5
80 Phenanthrene	178	10.166	10.168	-0.002	1859595	9.58	5
81 Anthracene	178	10.209	10.206	0.003	1857954	10.1	5
83 Carbazole	167	10.344	10.341	0.003	1491194	9.38	5
84 Di-n-butyl phthalate	149	10.637	10.639	-0.002	2418533	9.44	5
87 Fluoranthene	202	11.147	11.144	0.003	1740329	8.76	5
86 Benzidine	184	11.262	11.259	0.003	322380	8.07	5
85 Pyrene	202	11.334	11.331	0.003	1859896	8.92	5
89 Butyl benzyl phthalate	149	11.873	11.870	0.003	1034167	9.50	5
91 3,3'-Dichlorobenzidine	252	12.359	12.356	0.003	348168	8.37	5
93 Benzo[a]anthracene	228	12.378	12.380	-0.002	1259122	9.21	5
94 Chrysene	228	12.421	12.418	0.003	1351215	9.97	5
92 Bis(2-ethylhexyl) phthalate	149	12.421	12.423	-0.002	1572445	10.1	5
95 Di-n-octyl phthalate	149	13.272	13.274	-0.002	1909468	8.32	5
97 Benzo[b]fluoranthene	252	13.840	13.832	0.008	1027804	9.66	5
98 Benzo[k]fluoranthene	252	13.888	13.880	0.008	853592	8.85	5
99 Benzo[a]pyrene	252	14.431	14.423	0.008	707085	8.68	5
100 Indeno[1,2,3-cd]pyrene	276	16.143	16.145	-0.002	479634	8.06	5
101 Dibenz(a,h)anthracene	278	16.177	16.179	-0.002	372310	8.06	5
102 Benzo[g,h,i]perylene	276	16.446	16.448	-0.002	385038	8.78	5

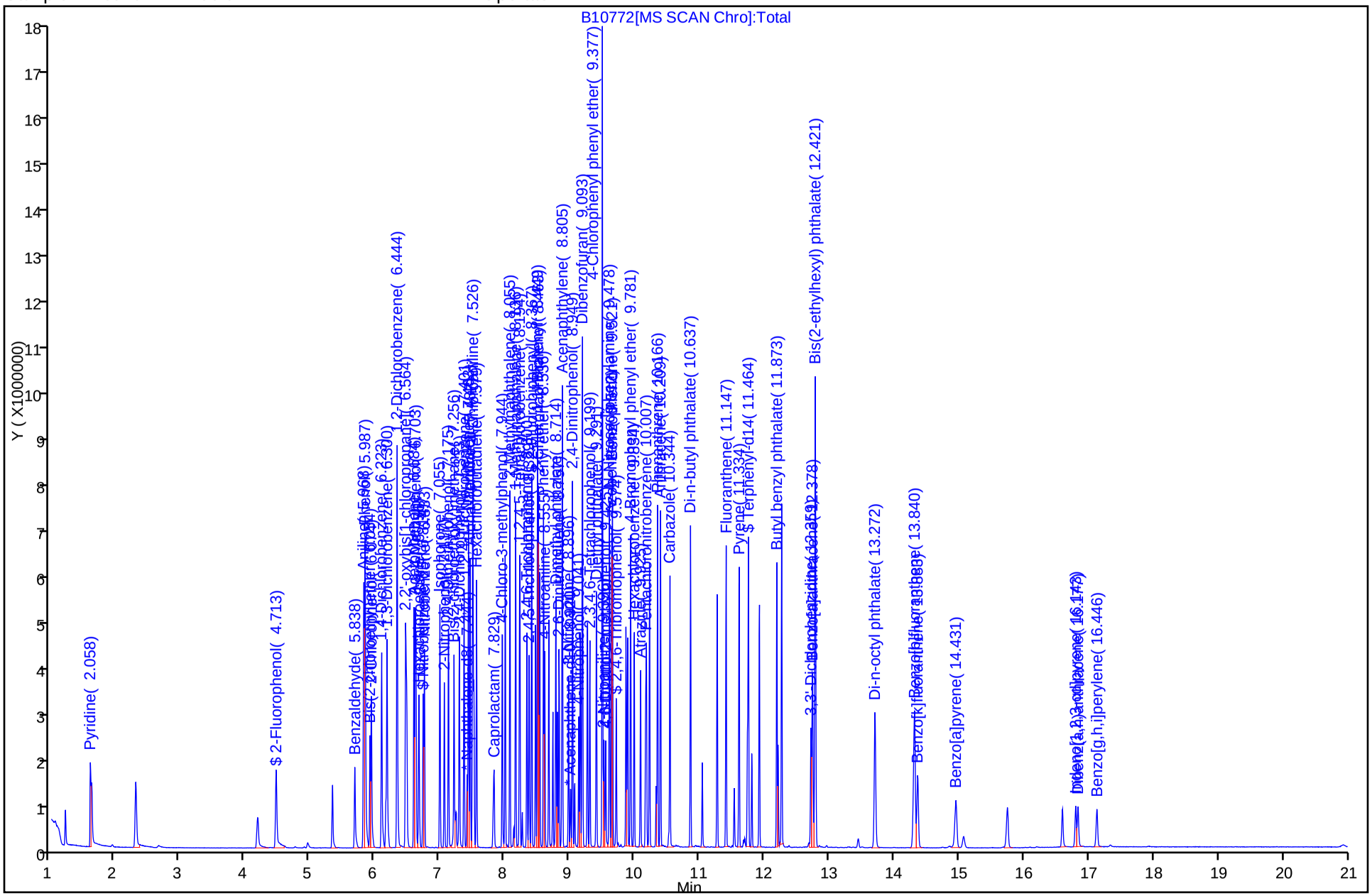
QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

Report Date: 07-Oct-2009 16:01:01 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10772.D		
Inj Date:	06-Oct-2009 20:03:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	8
Client ID:		Instrument:	Inst. B
Sample Info:	8.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ



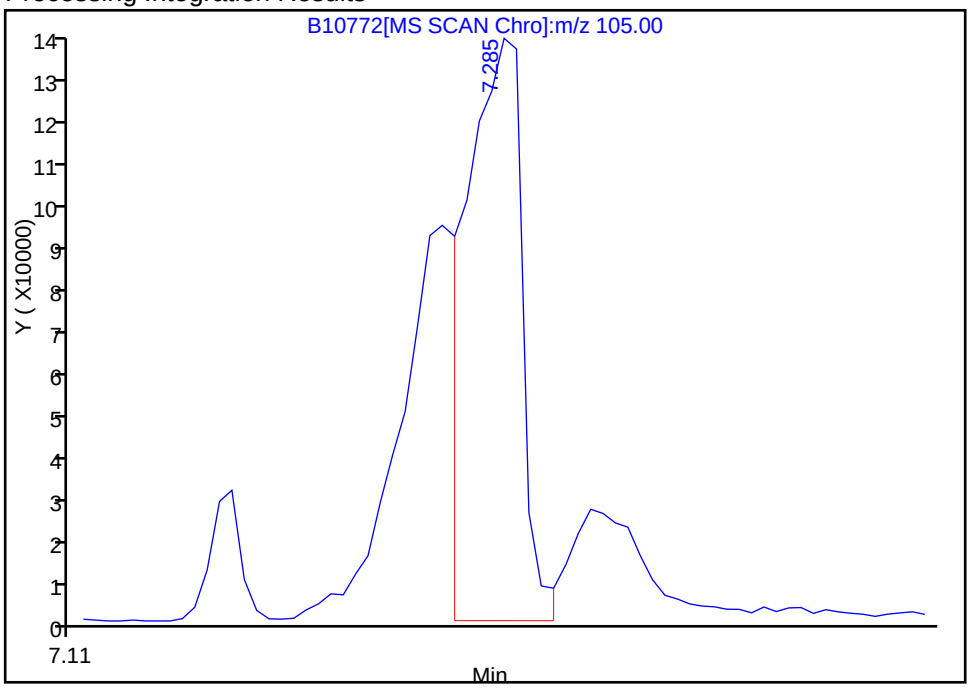
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10772.D		
Inj Date:	06-Oct-2009 20:03:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	8
Client ID:		Instrument:	Inst. B
Sample Info:	8.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid, Number: 1, m/z: 105 Type: quant, RT: 7.26

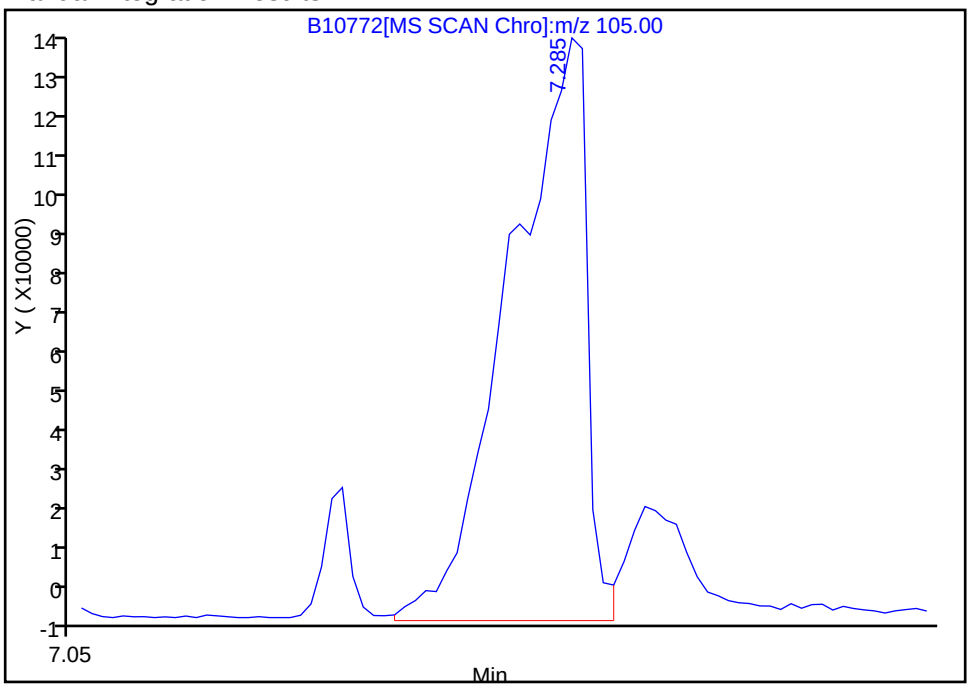
Processing Integration Results

RT: 7.29
Response: 207211
Amount: 16.298426



Manual Integration Results

RT: 7.29
Response: 327509
Amount: 8.024057



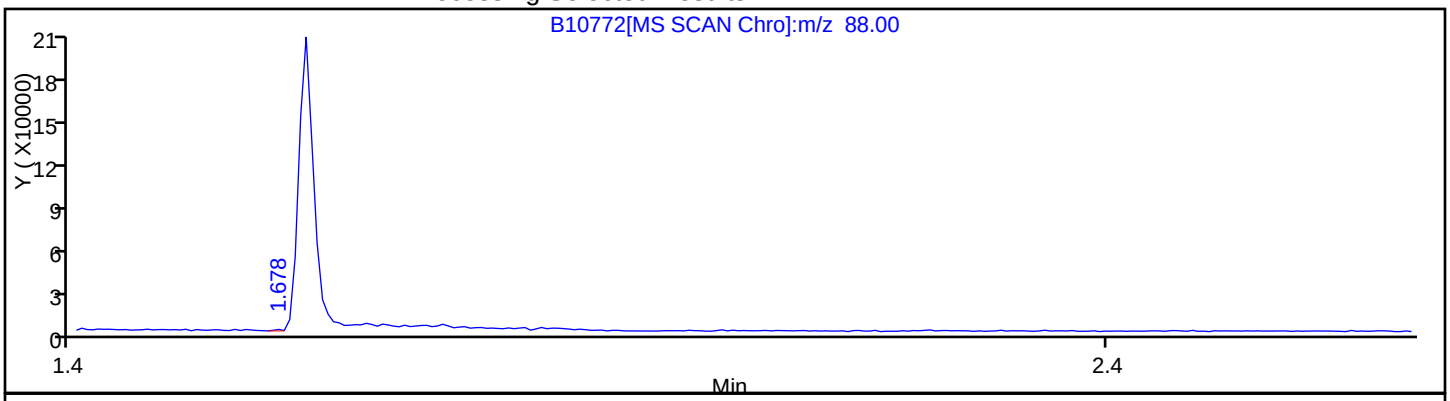
Reviewer: sullivanp, 07-Oct-2009 14:35:21
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

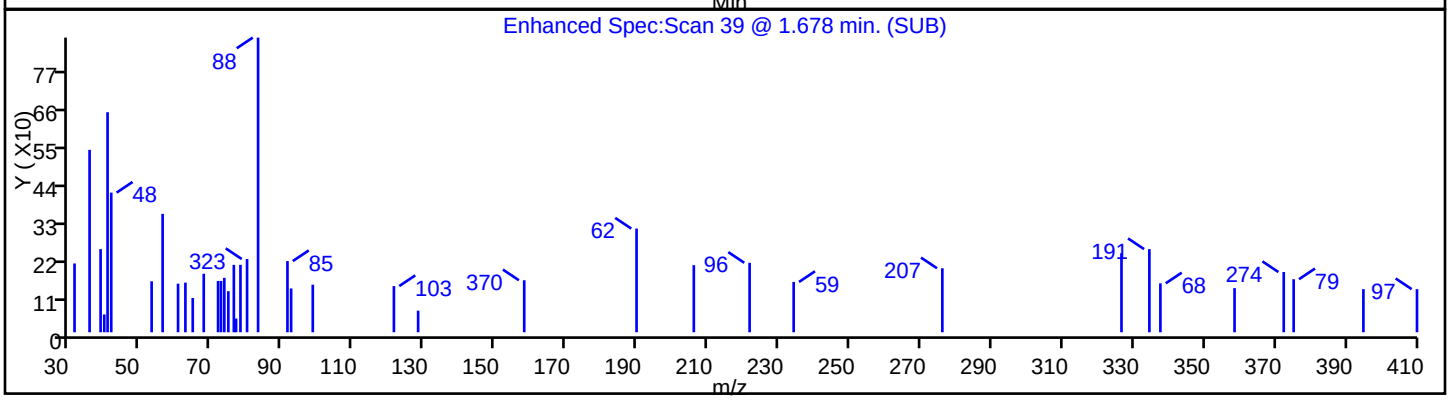
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10772.D		
Inj Date:	06-Oct-2009 20:03:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	8
Client ID:		Instrument:	Inst. B
Sample Info:	8.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

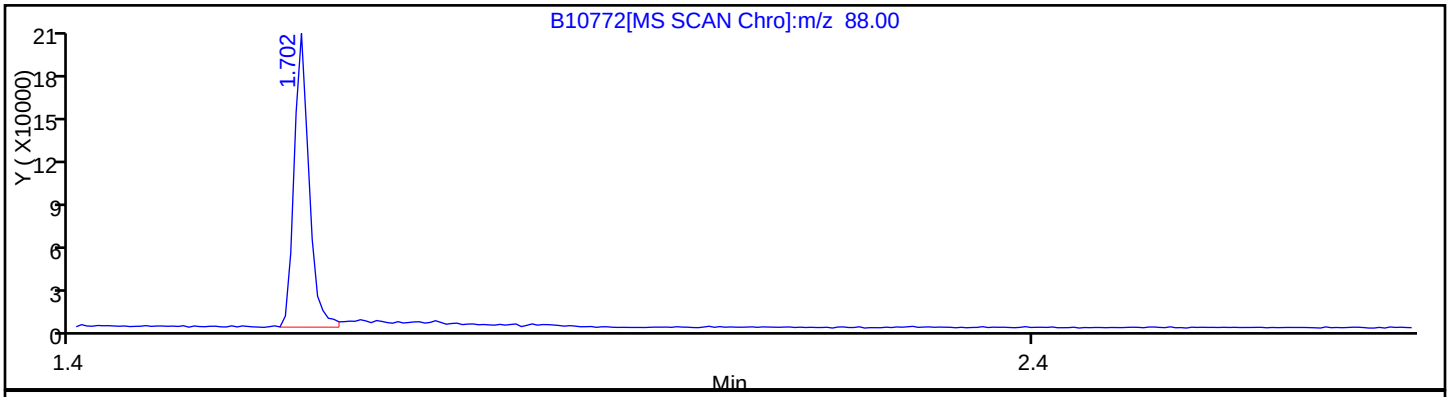
14 1,4-Dioxane

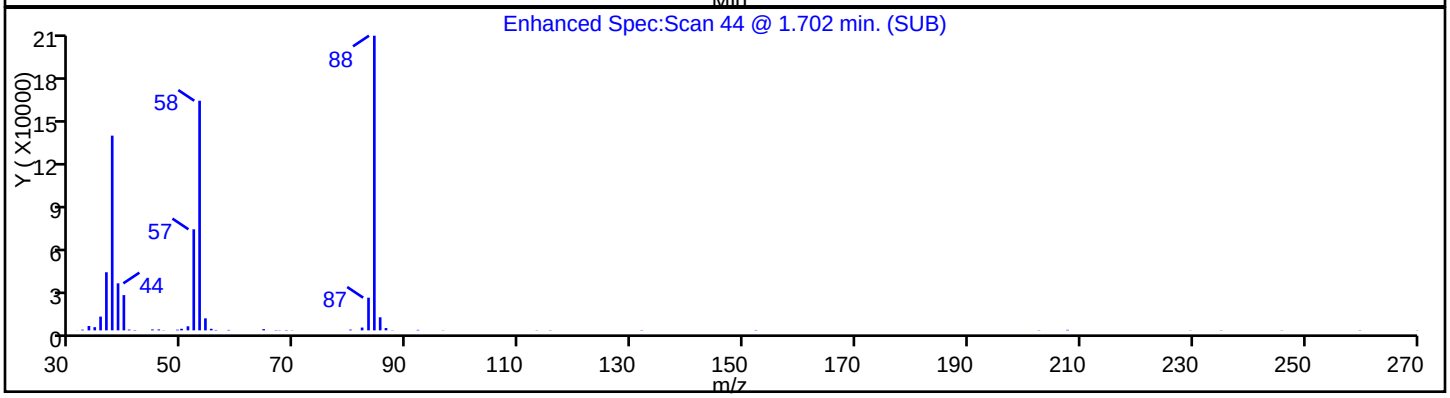
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:35:21
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10773.D		
Lims ID:	std10	Client ID:	
Inject. Date:	06-Oct-2009 20:31:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	8
Sample ID:	10.0 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	9
Lims Batch ID:	49981	Lims Sample ID:	9
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:01:07	Calib Date:	06-Oct-2009 20:31:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10773.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:36:30
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:01:07

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.283	6.282	0.001	192163	2.00	
* 2 Naphthalene-d8	136	7.447	7.441	0.006	452632	2.00	
* 3 Acenaphthene-d10	164	8.923	8.922	0.001	218849	2.00	
* 4 Phenanthrene-d10	188	10.149	10.148	0.001	363272	2.00	
* 5 Chrysene-d12	240	12.390	12.389	0.001	316446	2.00	
* 6 Perylene-d12	264	14.545	14.544	0.001	176544	2.00	
$ 7 2-Fluorophenol	112	4.715	4.705	0.010	589108	11.1	5
$ 8 Phenol-d5	99	5.970	5.965	0.005	988175	9.82	
$ 9 Nitrobenzene-d5	82	6.817	6.811	0.006	970642	11.0	5
$ 10 2-Fluorobiphenyl	172	8.370	8.364	0.006	1812685	11.3	5
$ 11 2,4,6-Tribromophenol	330	9.577	9.576	0.001	175639	10.4	5
$ 12 Terphenyl-d14	244	11.467	11.466	0.001	1479863	10.6	5
14 1,4-Dioxane	88	1.700	1.680	0.020	216016	8.09	
16 Pyridine	79	2.056	2.036	0.020	574930	11.2	5
15 N-Nitrosodimethylamine	42	2.080	2.055	0.025	628187	10.6	5
17 Benzaldehyde	105	5.841	5.835	0.006	328514	11.2	5
19 Aniline	93	5.966	5.960	0.006	1168710	9.77	
18 Phenol	94	5.985	5.979	0.006	1155564	9.81	
20 Bis(2-chloroethyl)ether	93	6.057	6.051	0.006	660080	11.2	5
21 2-Chlorophenol	128	6.076	6.071	0.005	771486	11.3	5
22 1,4-Dichlorobenzene	146	6.221	6.220	0.001	913134	11.0	5
23 1,3-Dichlorobenzene	146	6.297	6.297	0.000	961950	11.1	5
24 Benzyl alcohol	79	6.447	6.441	0.006	855130	9.77	
25 1,2-Dichlorobenzene	146	6.442	6.441	0.001	956789	11.7	5
26 2-Methylphenol	108	6.567	6.561	0.006	716383	11.9	5
27 2,2'-oxybis[1-chloropropane]	45	6.581	6.575	0.006	1279816	10.9	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.687	6.681	0.006	1082451	11.9	5
29 N-Nitrosodi-n-propylamine	70	6.701	6.696	0.005	608855	9.76	
28 3 & 4 Methylphenol	108	6.716	6.710	0.006	777846	9.82	
31 Hexachloroethane	117	6.754	6.753	0.001	391763	11.5	5
32 Nitrobenzene	77	6.836	6.830	0.006	945945	11.1	5
33 Isophorone	82	7.057	7.052	0.005	1549620	10.0	5
34 2-Nitrophenol	139	7.120	7.119	0.001	411269	10.3	5
35 2,4-Dimethylphenol	107	7.177	7.177	0.000	863622	11.5	5
37 Bis(2-chloroethoxy)methane	93	7.259	7.254	0.005	832430	11.4	5
36 Benzoic acid	105	7.298	7.263	0.035	408935	19.9	5M
38 2,4-Dichlorophenol	162	7.331	7.330	0.001	653763	10.1	5
39 1,2,4-Trichlorobenzene	180	7.399	7.398	0.001	735705	11.1	5
41 Naphthalene	128	7.466	7.460	0.006	2386588	11.2	5
40 Alpha-Terpineol	59	7.490	7.484	0.006	803369	10.7	5
42 4-Chloroaniline	127	7.524	7.523	0.001	1084346	10.5	5
43 Hexachlorobutadiene	225	7.581	7.581	0.001	433695	11.7	5
44 Caprolactam	55	7.836	7.811	0.025	358173	10.0	5
45 4-Chloro-3-methylphenol	107	7.947	7.946	0.001	744079	10.2	5
46 2-Methylnaphthalene	142	8.058	8.057	0.000	1707384	11.6	5
47 1-Methylnaphthalene	142	8.139	8.138	0.001	1673203	11.8	5
48 Hexachlorocyclopentadiene	237	8.192	8.191	0.001	307304	9.72	
49 1,2,4,5-Tetrachlorobenzene	216	8.197	8.196	0.001	686012	11.8	5
50 2,4,6-Trichlorophenol	196	8.298	8.297	0.001	441074	10.1	5
51 2,4,5-Trichlorophenol	196	8.332	8.331	0.001	456183	10.1	5
52 1,1'-Biphenyl	154	8.452	8.451	0.001	2041743	11.7	5
53 2-Chloronaphthalene	162	8.466	8.461	0.006	2197783	9.89	
54 Phenyl ether	170	8.538	8.537	0.001	1007685	11.6	5
68 4-Nitroaniline	138	8.558	8.552	0.006	510660	10.1	5
56 Dimethyl phthalate	163	8.716	8.711	0.005	1710520	10.9	5
57 2,6-Dinitrotoluene	165	8.760	8.759	0.001	372329	10.6	5
58 Acenaphthylene	152	8.808	8.807	0.001	2640436	10.3	5
59 3-Nitroaniline	138	8.899	8.893	0.006	381284	10.5	5
61 Acenaphthene	153	8.952	8.951	0.001	1660784	11.6	5
60 2,4-Dinitrophenol	184	8.986	8.980	0.006	121074	17.3	5
62 4-Nitrophenol	109	9.043	9.038	0.005	335697	10.4	5
64 Dibenzofuran	168	9.096	9.090	0.006	2314474	12.0	5
63 2,4-Dinitrotoluene	165	9.091	9.090	0.001	591359	10.1	5
65 2,3,4,6-Tetrachlorophenol	232	9.202	9.196	0.006	341734	10.1	5
66 Diethyl phthalate	149	9.293	9.292	0.001	1876340	10.9	5
69 Fluorene	166	9.380	9.374	0.006	2172862	9.82	
67 4-Chlorophenyl phenyl ether	204	9.380	9.379	0.001	994146	9.81	
55 2-Nitroaniline	65	9.399	9.393	0.006	412994	9.73	
70 4,6-Dinitro-2-methylphenol	198	9.428	9.422	0.006	174828	14.5	5
71 Diphenylamine	169	9.481	9.475	0.006	1496250	11.2	5
72 N-Nitrosodiphenylamine	169	9.481	9.475	0.006	1496250	11.2	5
73 1,2-Diphenylhydrazine	77	9.510	9.509	0.001	3407084	11.2	5
74 Azobenzene	77	9.510	9.509	0.001	3407084	11.2	5
13 Benzophenone	105	9.524	9.518	0.006	1805666	11.7	5
75 4-Bromophenyl phenyl ether	248	9.784	9.778	0.006	424427	11.6	5
76 Hexachlorobenzene	284	9.832	9.831	0.001	406230	11.9	5
77 Atrazine	200	9.928	9.922	0.006	365056	10.6	5
78 Pentachlorophenol	266	10.000	9.995	0.005	216396	9.82	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.010	10.004	0.006	236797	10.2	5
80 Phenanthrene	178	10.169	10.168	0.001	2373224	11.4	5
81 Anthracene	178	10.212	10.206	0.006	2386165	10.3	5
83 Carbazole	167	10.347	10.341	0.005	1850333	10.9	5
84 Di-n-butyl phthalate	149	10.640	10.639	0.001	2995943	10.9	5
87 Fluoranthene	202	11.150	11.144	0.006	2235073	10.4	5
86 Benzidine	184	11.265	11.259	0.006	412560	9.80	
85 Pyrene	202	11.332	11.331	0.001	2363881	10.1	5
89 Butyl benzyl phthalate	149	11.871	11.870	0.001	1326289	10.8	5
91 3,3'-Dichlorobenzidine	252	12.361	12.356	0.005	457094	9.89	
93 Benzo[a]anthracene	228	12.381	12.380	0.001	1654984	10.7	5
94 Chrysene	228	12.419	12.418	0.001	1822215	11.7	5
92 Bis(2-ethylhexyl) phthalate	149	12.424	12.423	0.001	2106195	11.8	5
95 Di-n-octyl phthalate	149	13.275	13.274	0.001	2539483	10.2	5
97 Benzo[b]fluoranthene	252	13.847	13.832	0.015	1301598	10.8	5
98 Benzo[k]fluoranthene	252	13.891	13.880	0.011	1143271	11.3	5
99 Benzo[a]pyrene	252	14.434	14.423	0.011	906664	9.93	
100 Indeno[1,2,3-cd]pyrene	276	16.146	16.145	0.001	539135	11.1	5
101 Dibenz(a,h)anthracene	278	16.180	16.179	0.001	528690	10.6	5
102 Benzo[g,h,i]perylene	276	16.449	16.448	0.001	541027	10.8	5

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

Report Date: 07-Oct-2009 16:01:08 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10773.D

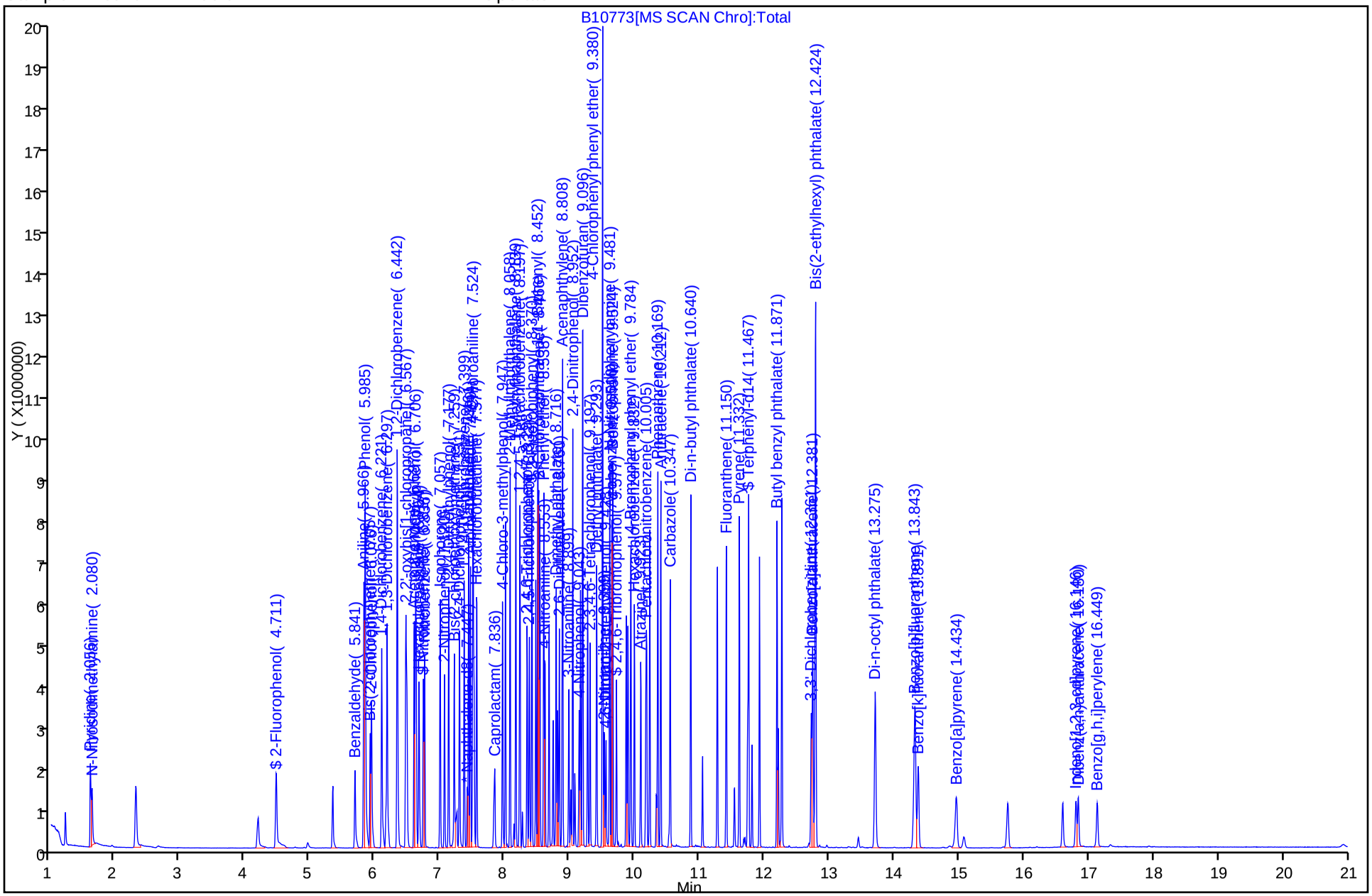
Inj Date: 06-Oct-2009 20:31:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 9

Client ID: Instrument: Inst. B

Sample Info: 10.0 ug/mL

Sample Amount: 1.00 ul Operator: MZ



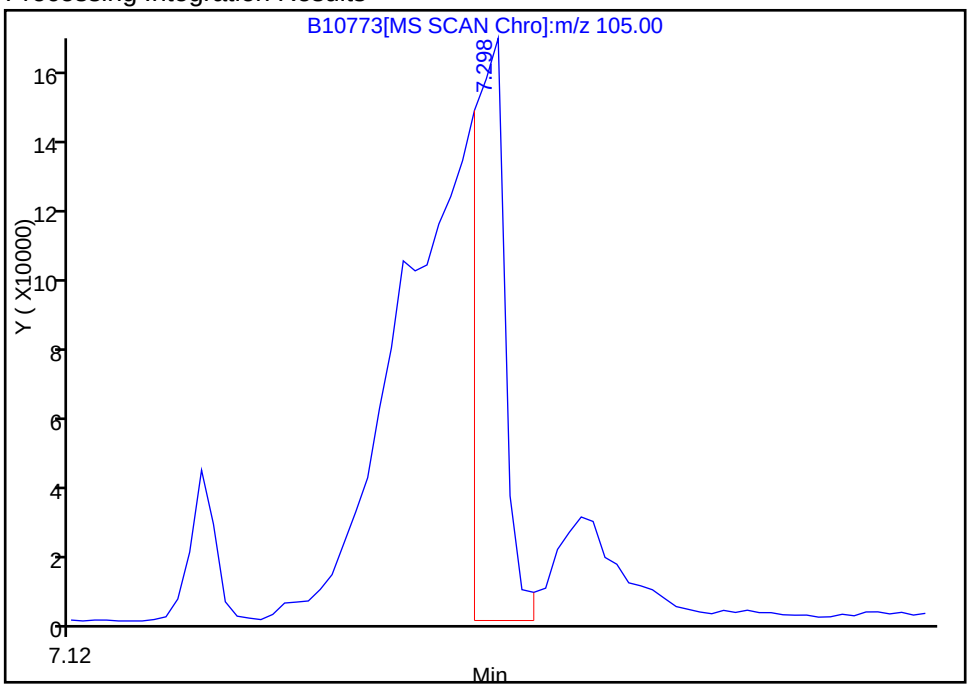
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10773.D		
Inj Date:	06-Oct-2009 20:31:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	9
Client ID:		Instrument:	Inst. B
Sample Info:	10.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid, Number: 1, m/z: 105 Type: quant, RT: 7.26

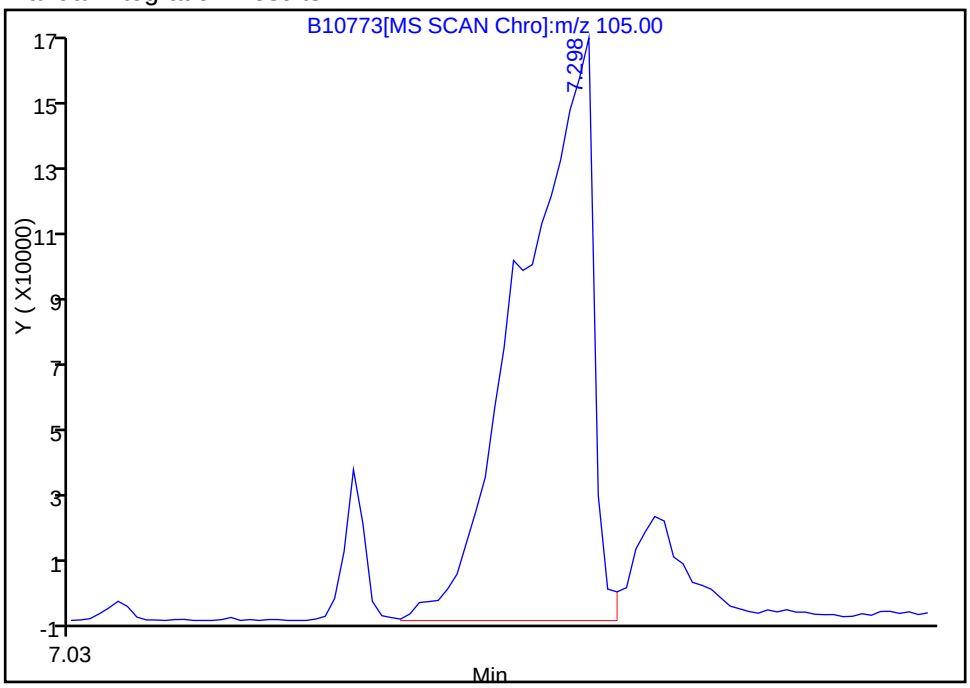
Processing Integration Results

RT: 7.30
Response: 144812
Amount: 9.383010



Manual Integration Results

RT: 7.30
Response: 408935
Amount: 19.873609



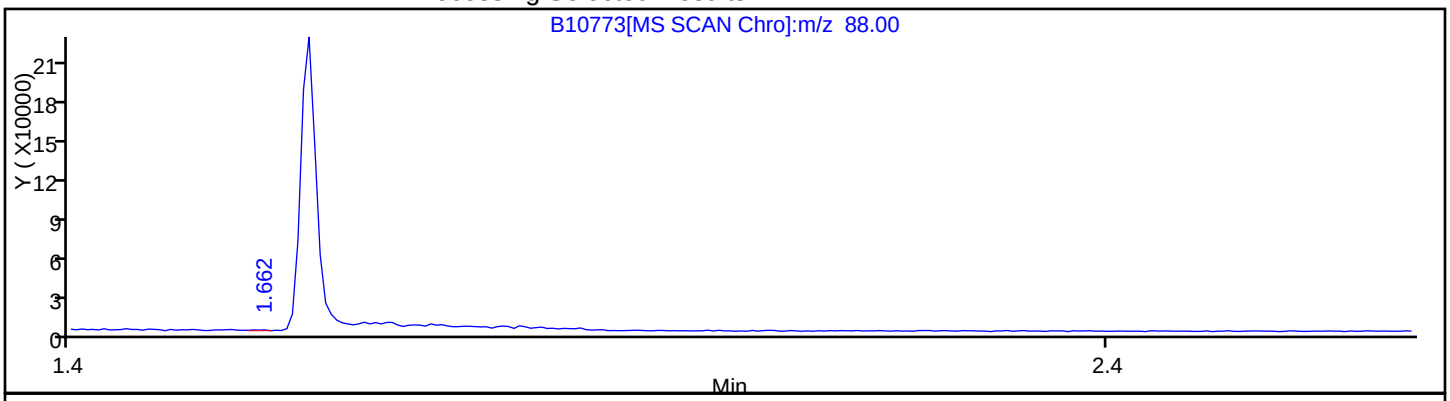
Reviewer: sullivanp, 07-Oct-2009 14:36:30
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

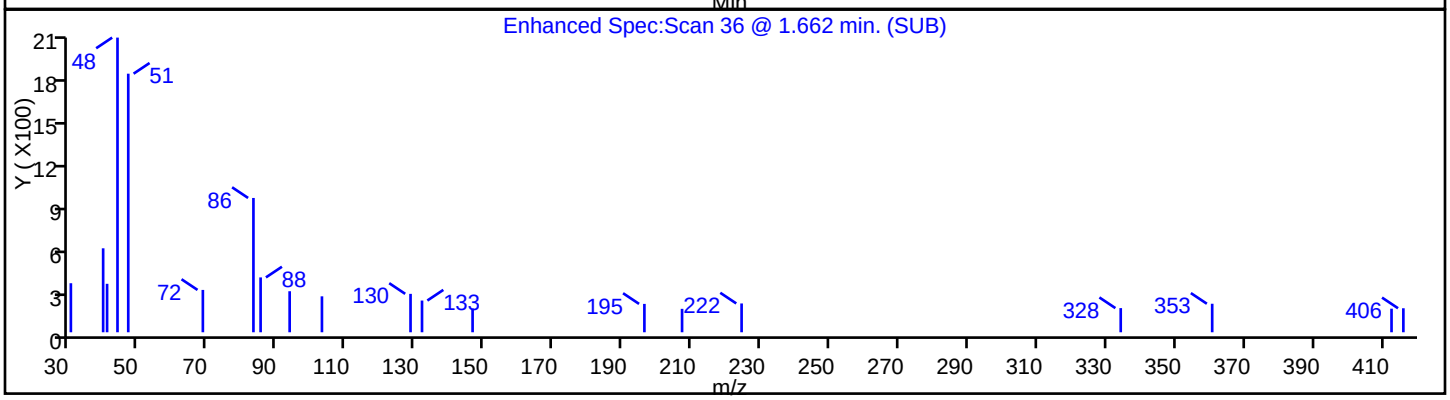
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10773.D		
Inj Date:	06-Oct-2009 20:31:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	9
Client ID:		Instrument:	Inst. B
Sample Info:	10.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

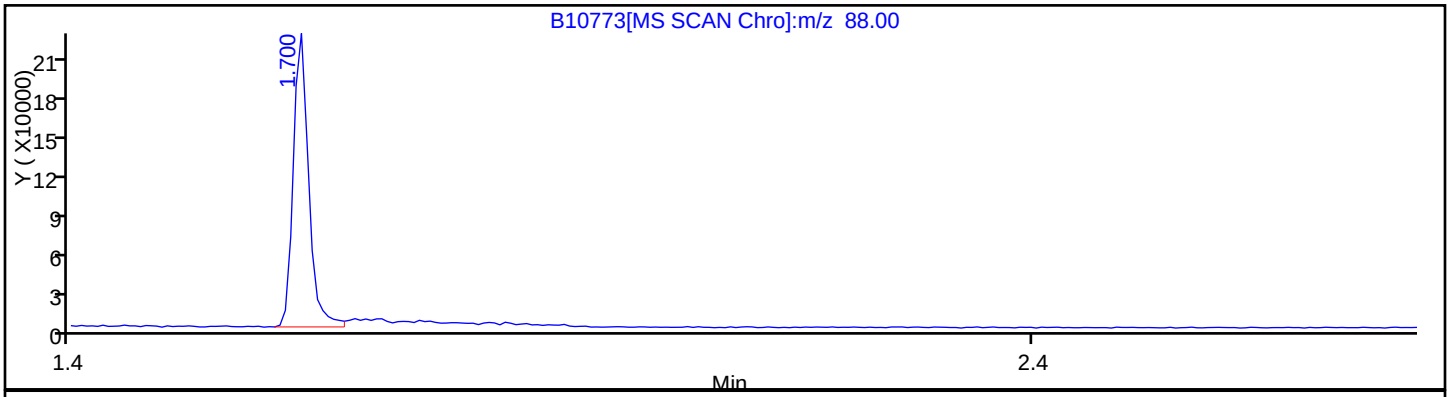
14 1,4-Dioxane

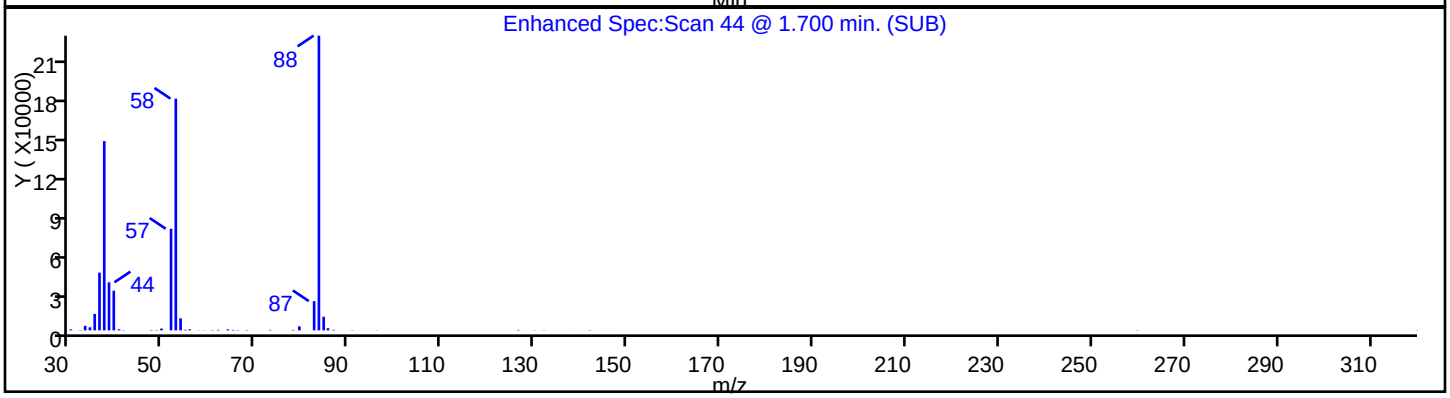
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:36:30
Audit Action: Selected Alternate Hit
Audit Reason:

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Lims ID:	std20	Client ID:	
Inject. Date:	06-Oct-2009 20:59:30	Dil. Factor:	1.0000
Sample Type:	IC, ICal Standard	Calib Level:	9
Sample ID:	20.0 ug/mL		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	10
Lims Batch ID:	49981	Lims Sample ID:	10
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:01:13	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 14:38:22
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:01:13

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.287	6.282	0.005	175954	2.00	
* 2 Naphthalene-d8	136	7.451	7.441	0.010	509134	2.00	
* 3 Acenaphthene-d10	164	8.927	8.922	0.005	237311	2.00	
* 4 Phenanthrene-d10	188	10.153	10.148	0.005	397772	2.00	
* 5 Chrysene-d12	240	12.394	12.389	0.005	404619	2.00	
* 6 Perylene-d12	264	14.549	14.544	0.005	174151	2.00	
$ 7 2-Fluorophenol	112	4.734	4.705	0.029	1322934	27.2	5
$ 8 Phenol-d5	99	5.989	5.965	0.024	2689419	20.0	5
$ 9 Nitrobenzene-d5	82	6.826	6.811	0.015	2232631	22.3	5
$ 10 2-Fluorobiphenyl	172	8.374	8.364	0.010	4318875	24.1	5
$ 11 2,4,6-Tribromophenol	330	9.586	9.576	0.010	505562	27.2	5
$ 12 Terphenyl-d14	244	11.471	11.466	0.005	3927244	21.8	5
14 1,4-Dioxane	88	1.728	1.680	0.048	470230	20.8	5M
16 Pyridine	79	2.084	2.036	0.048	1245527	20.7	5M
15 N-Nitrosodimethylamine	42	2.113	2.055	0.058	1352104	20.8	5
17 Benzaldehyde	105	5.849	5.835	0.014	692354	20.7	5
19 Aniline	93	5.979	5.960	0.019	3028090	20.0	5
18 Phenol	94	5.999	5.979	0.020	3002917	20.0	
20 Bis(2-chloroethyl)ether	93	6.071	6.051	0.020	1702777	31.5	5
21 2-Chlorophenol	128	6.085	6.071	0.014	1856006	29.8	5
22 1,4-Dichlorobenzene	146	6.229	6.220	0.009	2213503	29.2	5
23 1,3-Dichlorobenzene	146	6.306	6.297	0.009	2321656	29.3	5
24 Benzyl alcohol	79	6.455	6.441	0.014	2075193	20.0	
25 1,2-Dichlorobenzene	146	6.446	6.441	0.005	2396527	32.0	5
26 2-Methylphenol	108	6.571	6.561	0.010	1813833	32.8	5
27 2,2'-oxybis[1-chloropropane]	45	6.585	6.575	0.010	3047459	28.3	5

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
30 Acetophenone	105	6.696	6.681	0.015	2655857	31.8	5
29 N-Nitrosodi-n-propylamine	70	6.715	6.696	0.019	1578801	20.0	5
28 3 & 4 Methylphenol	108	6.725	6.710	0.015	2074541	20.0	5
31 Hexachloroethane	117	6.758	6.753	0.005	949490	30.6	5
32 Nitrobenzene	77	6.845	6.830	0.015	2242420	23.0	5
33 Isophorone	82	7.066	7.052	0.014	3593788	20.3	5
34 2-Nitrophenol	139	7.124	7.119	0.005	978613	20.8	5
35 2,4-Dimethylphenol	107	7.186	7.177	0.009	2049325	23.8	5
37 Bis(2-chloroethoxy)methane	93	7.263	7.254	0.009	2038640	24.1	5
36 Benzoic acid	105	7.340	7.263	0.077	1113083	19.9	M
38 2,4-Dichlorophenol	162	7.340	7.330	0.010	1672074	21.5	5
39 1,2,4-Trichlorobenzene	180	7.403	7.398	0.005	1869961	24.4	5
41 Naphthalene	128	7.470	7.460	0.010	5259972	21.8	5
40 Alpha-Terpineol	59	7.499	7.484	0.015	1895394	22.0	5
42 4-Chloroaniline	127	7.533	7.523	0.010	2855172	20.8	5
43 Hexachlorobutadiene	225	7.581	7.581	0.001	1103882	21.7	5
44 Caprolactam	55	7.874	7.811	0.063	757154	19.3	
45 4-Chloro-3-methylphenol	107	7.956	7.946	0.010	1806092	21.0	5
46 2-Methylnaphthalene	142	8.062	8.057	0.005	3970592	23.4	5
47 1-Methylnaphthalene	142	8.143	8.138	0.005	3911839	23.9	5
48 Hexachlorocyclopentadiene	237	8.196	8.191	0.005	849537	20.0	
49 1,2,4,5-Tetrachlorobenzene	216	8.201	8.196	0.005	1831459	20.8	5
50 2,4,6-Trichlorophenol	196	8.307	8.297	0.010	1086197	21.5	5
51 2,4,5-Trichlorophenol	196	8.340	8.331	0.009	1077060	21.0	5
52 1,1'-Biphenyl	154	8.456	8.451	0.005	4732708	24.3	5
53 2-Chloronaphthalene	162	8.470	8.461	0.010	5349752	20.7	5
54 Phenyl ether	170	8.542	8.537	0.005	2539240	21.5	5
68 4-Nitroaniline	138	8.562	8.552	0.010	1216386	21.1	5
56 Dimethyl phthalate	163	8.725	8.711	0.014	3939445	22.8	5
57 2,6-Dinitrotoluene	165	8.768	8.759	0.009	883703	22.5	5
58 Acenaphthylene	152	8.812	8.807	0.005	5711636	20.3	5
59 3-Nitroaniline	138	8.908	8.893	0.015	873132	21.8	5
61 Acenaphthene	153	8.956	8.951	0.005	3951204	24.7	5
60 2,4-Dinitrophenol	184	8.994	8.980	0.014	351812	20.0	
62 4-Nitrophenol	109	9.057	9.038	0.019	898703	25.4	5
64 Dibenzofuran	168	9.100	9.090	0.010	5278457	21.0	5
63 2,4-Dinitrotoluene	165	9.100	9.090	0.010	1576425	24.5	5
65 2,3,4,6-Tetrachlorophenol	232	9.206	9.196	0.010	895227	24.0	5
66 Diethyl phthalate	149	9.302	9.292	0.010	4282830	22.5	5
69 Fluorene	166	9.384	9.374	0.010	4879982	20.2	5
67 4-Chlorophenyl phenyl ether	204	9.384	9.379	0.005	2635217	20.0	
55 2-Nitroaniline	65	9.384	9.393	-0.009	301763	6.56	5
70 4,6-Dinitro-2-methylphenol	198	9.442	9.422	0.020	474420	20.0	
71 Diphenylamine	169	9.490	9.475	0.015	3674855	24.5	5
72 N-Nitrosodiphenylamine	169	9.490	9.475	0.015	3674855	24.5	5
73 1,2-Diphenylhydrazine	77	9.514	9.509	0.005	7466074	22.2	5M
74 Azobenzene	77	9.514	9.509	0.005	7464849	22.2	5M
13 Benzophenone	105	9.528	9.518	0.010	4340706	21.3	5
75 4-Bromophenyl phenyl ether	248	9.788	9.778	0.010	1160223	29.0	5
76 Hexachlorobenzene	284	9.841	9.831	0.010	1095886	29.4	5
77 Atrazine	200	9.937	9.922	0.015	867646	22.5	5
78 Pentachlorophenol	266	10.004	9.995	0.009	644287	20.0	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.014	10.004	0.010	603709	20.7	5
80 Phenanthrene	178	10.173	10.168	0.005	5378508	23.1	5
81 Anthracene	178	10.216	10.206	0.010	5336524	20.6	5
83 Carbazole	167	10.350	10.341	0.009	4432672	23.3	5
84 Di-n-butyl phthalate	149	10.644	10.639	0.005	6195345	20.6	5
87 Fluoranthene	202	11.154	11.144	0.010	5154339	21.0	5
86 Benzidine	184	11.269	11.259	0.010	1038218	20.7	5
85 Pyrene	202	11.341	11.331	0.010	5384263	18.2	
89 Butyl benzyl phthalate	149	11.875	11.870	0.005	3182785	20.2	5
91 3,3'-Dichlorobenzidine	252	12.370	12.356	0.014	1243240	20.5	5
93 Benzo[a]anthracene	228	12.389	12.380	0.009	4172228	21.0	5
94 Chrysene	228	12.428	12.418	0.010	4879039	24.0	5
92 Bis(2-ethylhexyl) phthalate	149	12.428	12.423	0.005	4884511	21.2	5
95 Di-n-octyl phthalate	149	13.284	13.274	0.010	5528985	21.2	5
97 Benzo[b]fluoranthene	252	13.866	13.832	0.034	3074009	25.0	5
98 Benzo[k]fluoranthene	252	13.909	13.880	0.029	2415573	23.7	5
99 Benzo[a]pyrene	252	14.452	14.423	0.029	1923196	20.7	5
100 Indeno[1,2,3-cd]pyrene	276	16.155	16.145	0.010	1140267	20.0	
101 Dibenz(a,h)anthracene	278	16.188	16.179	0.009	1076762	21.0	5
102 Benzo[g,h,i]perylene	276	16.458	16.448	0.010	1016711	20.6	5

QC Flag Legend

Processing Flags
5 - Exceeded Maximum Amount

Review Flags
M - Manually Integrated

Report Date: 07-Oct-2009 16:01:14 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D

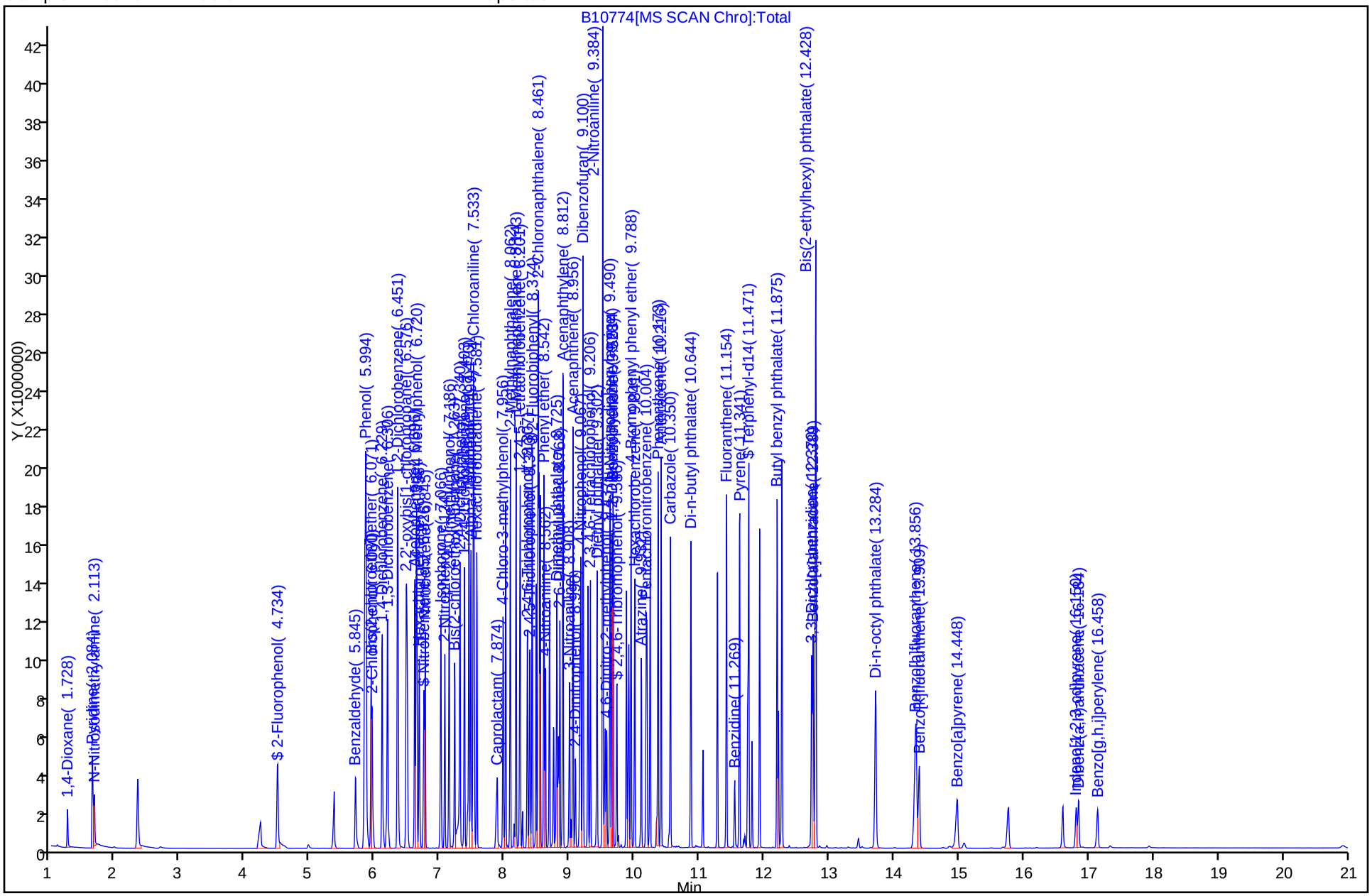
Inj Date: 06-Oct-2009 20:59:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49981 Lims Sample ID: 10

Client ID: Instrument: Inst. B

Sample Info: 20.0 ug/mL

Sample Amount: 1.00 ul Operator: MZ



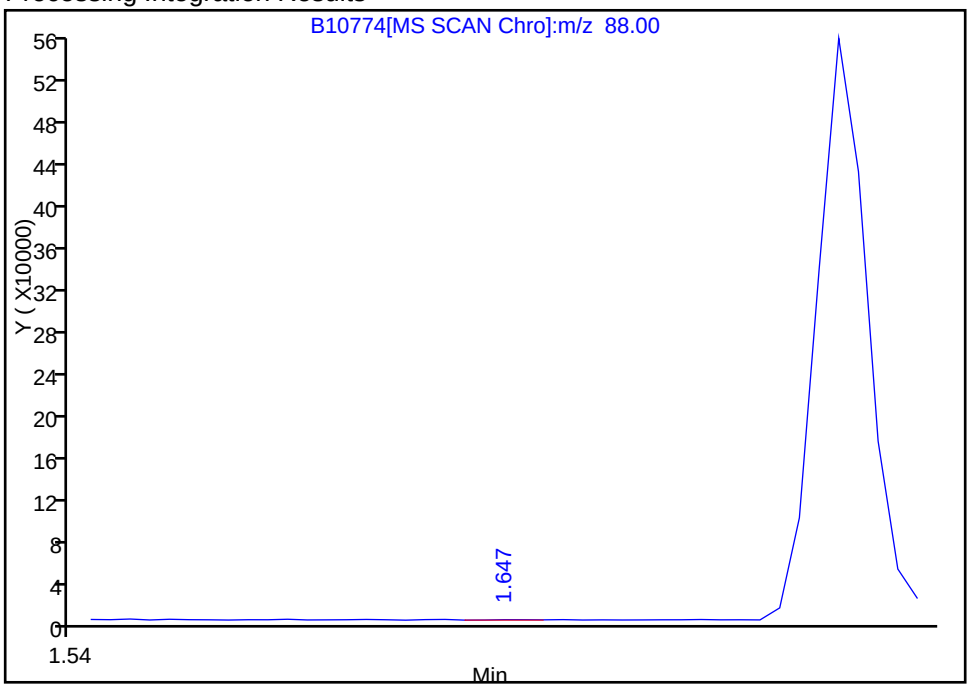
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

14 1,4-Dioxane, Number: 1, m/z: 88 Type: quant, RT: 1.68

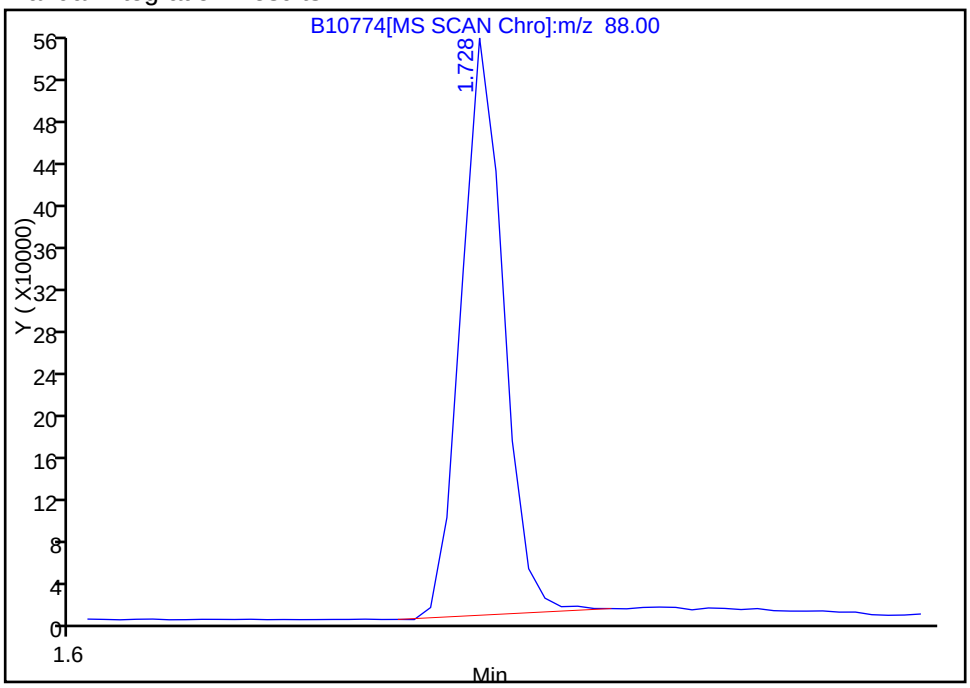
Processing Integration Results

RT: 1.65
Response: 331
Amount: 0.015230



Manual Integration Results

RT: 1.73
Response: 470230
Amount: 20.781819



Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Manually Integrated
Audit Reason: Assign Peak

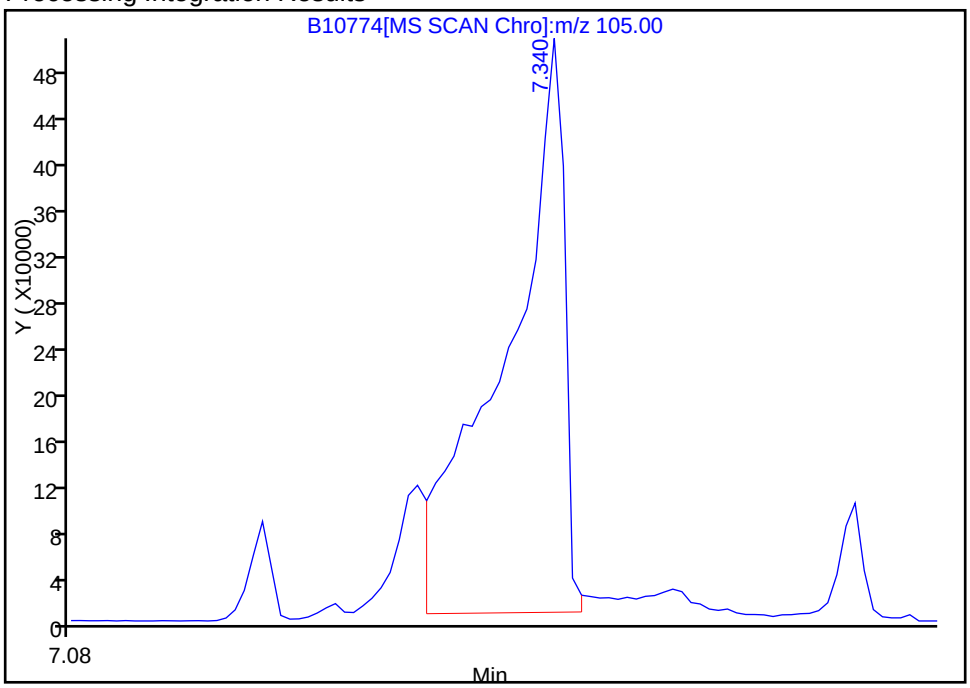
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid, Number: 1, m/z: 105 Type: quant, RT: 7.26

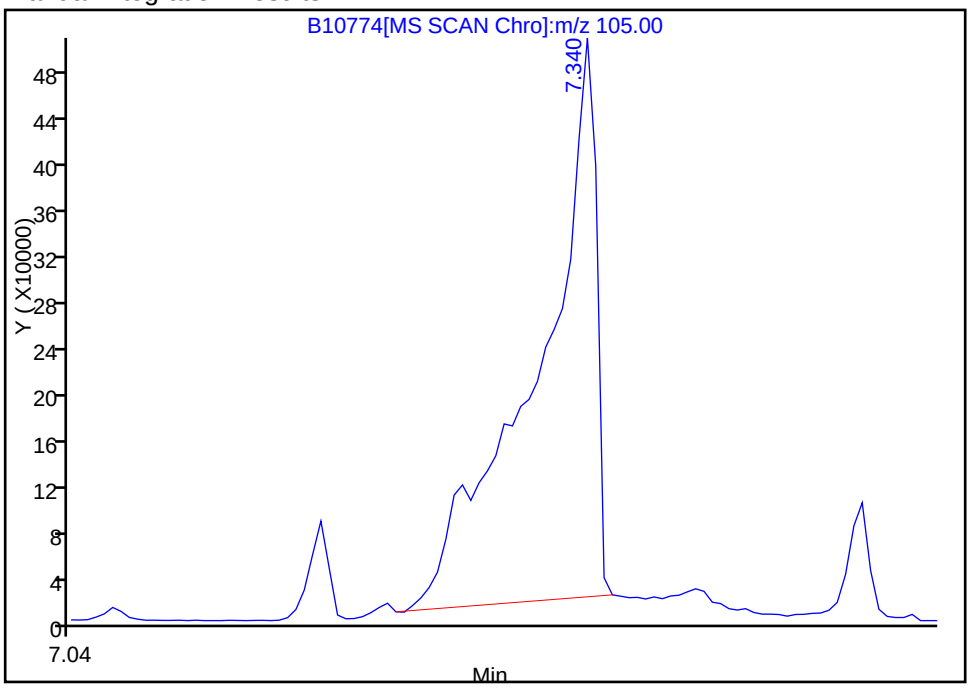
Processing Integration Results

RT: 7.34
Response: 1073692
Amount: 19.927104



Manual Integration Results

RT: 7.34
Response: 1113083
Amount: 19.937917



Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

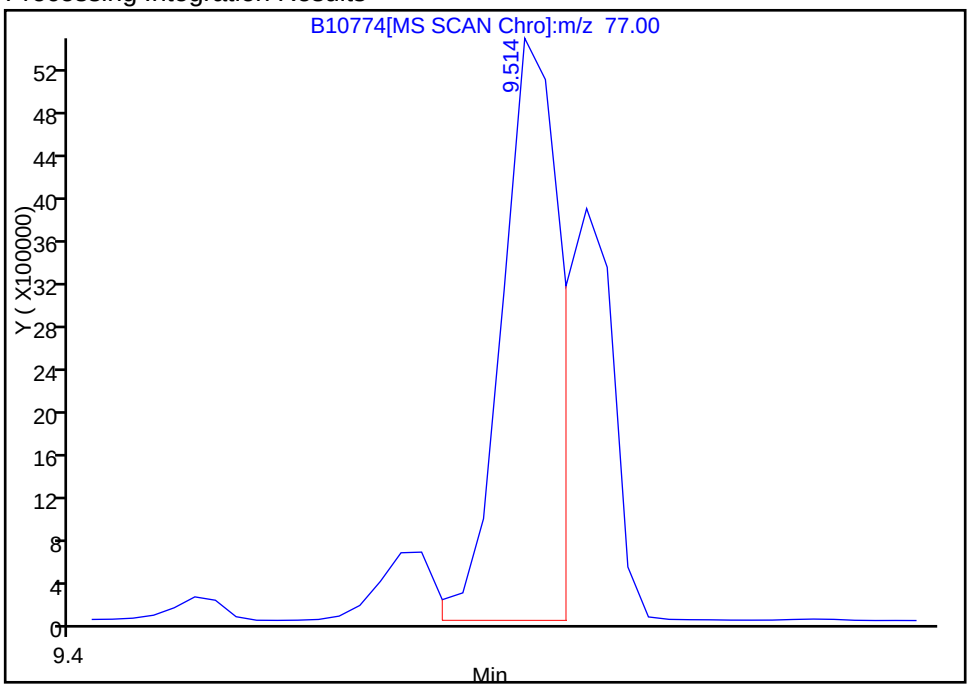
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

73 1,2-Diphenylhydrazine, Number: 1, m/z: 77 Type: quant, RT: 9.51

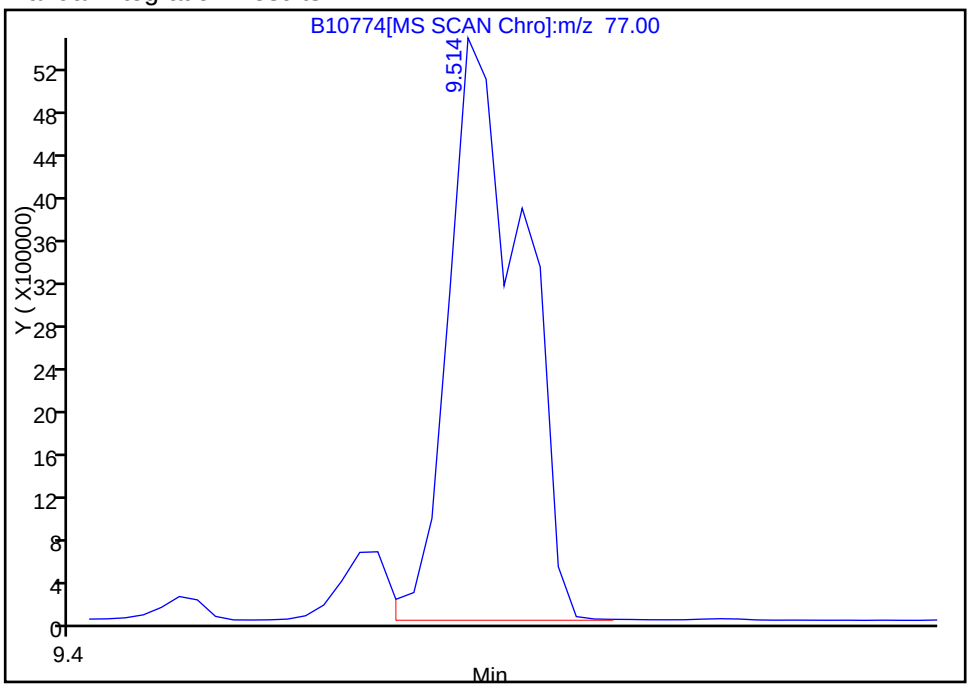
Processing Integration Results

RT: 9.51
Response: 5233218
Amount: 16.156491



Manual Integration Results

RT: 9.51
Response: 7466074
Amount: 22.199789



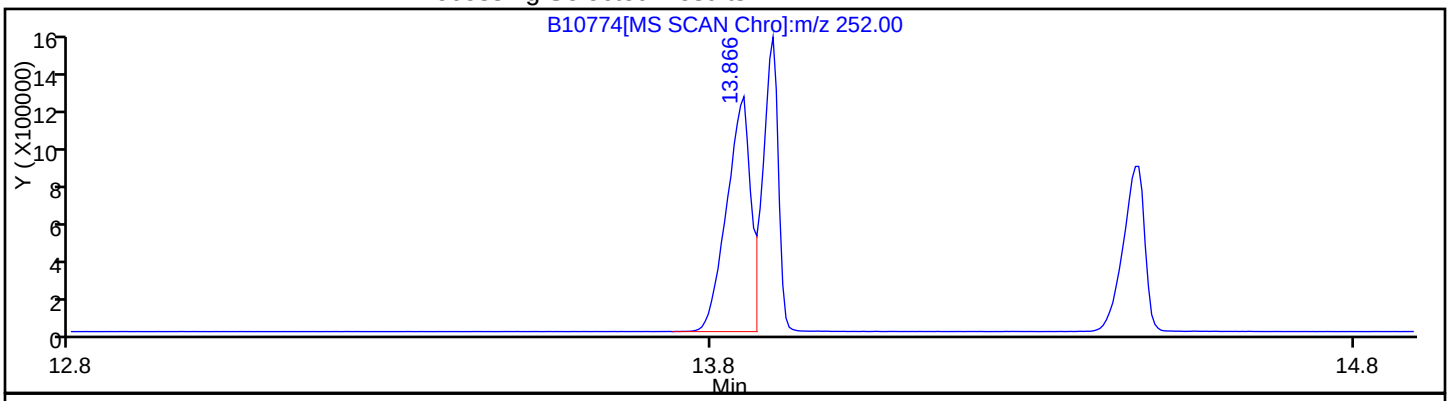
Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

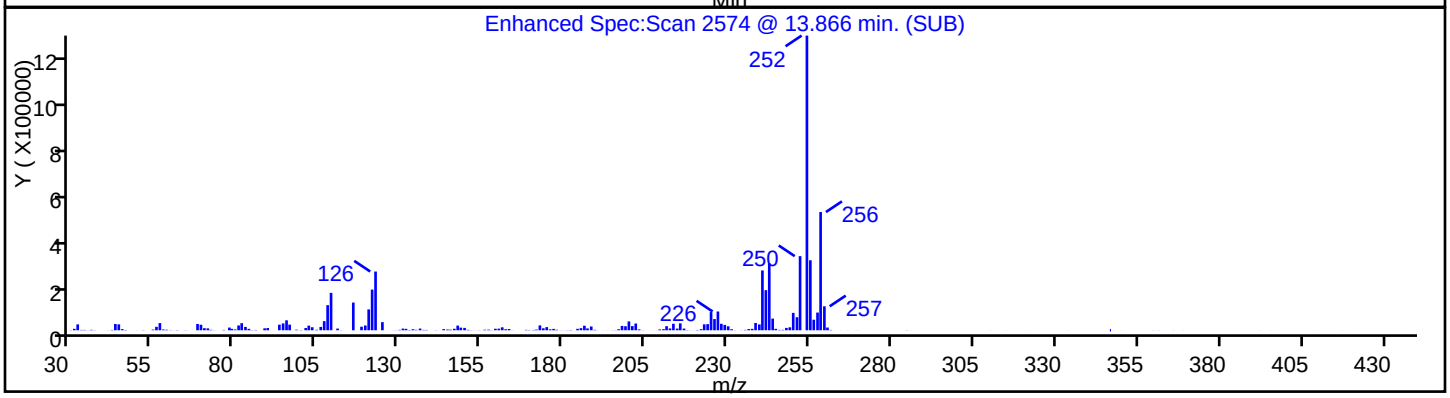
Chrom Revision: 1.1 01-Oct-2009 08:19:20
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

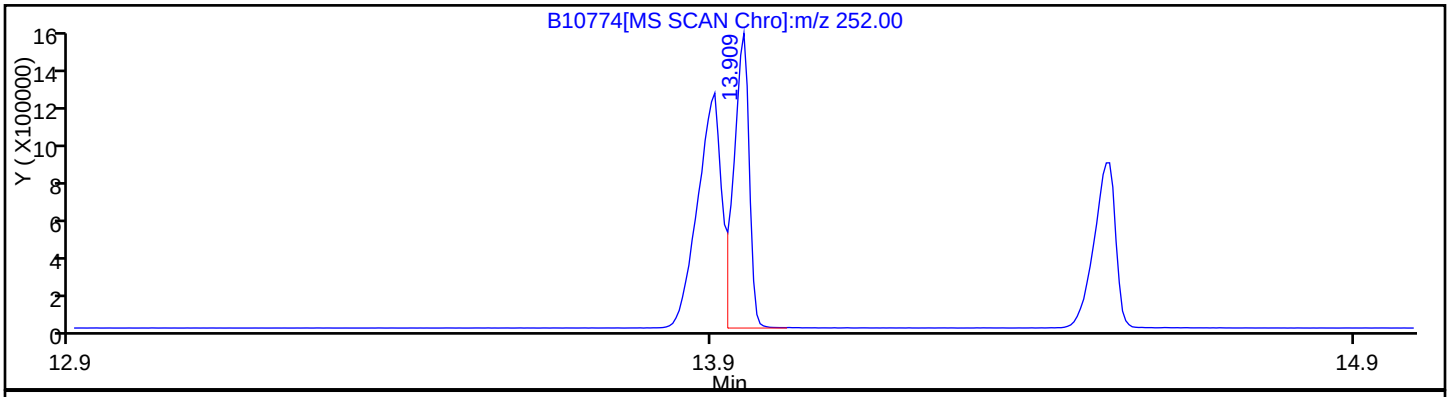
98 Benzo[k]fluoranthene

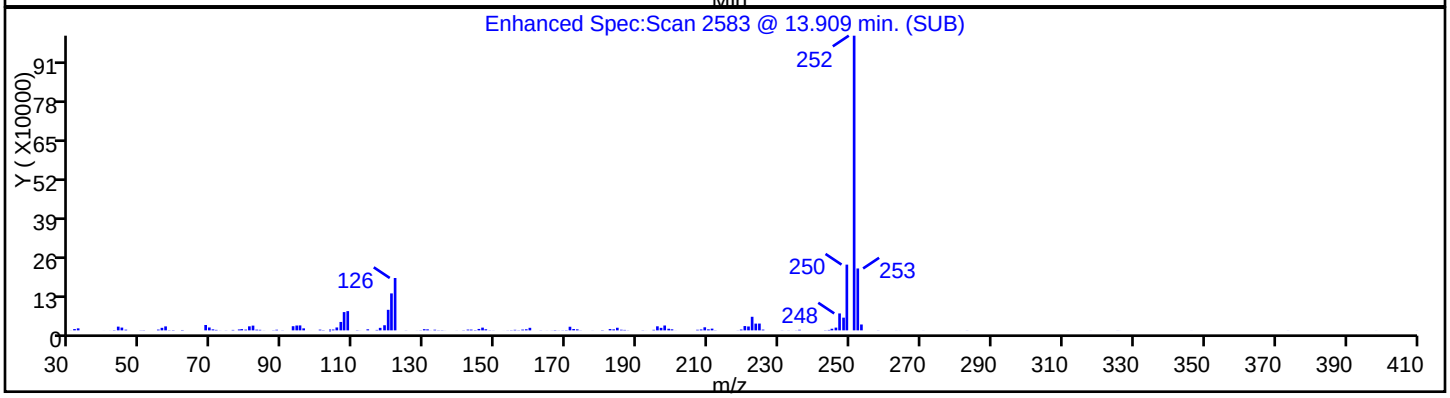
Processing Selected Results





Manual Selected Results





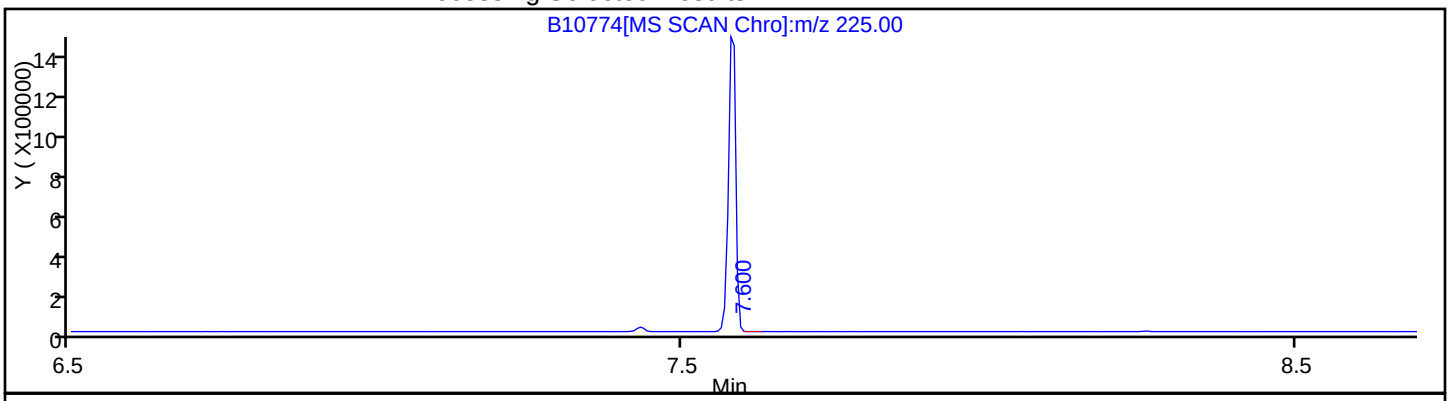
Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Selected Alternate Hit
Audit Reason:

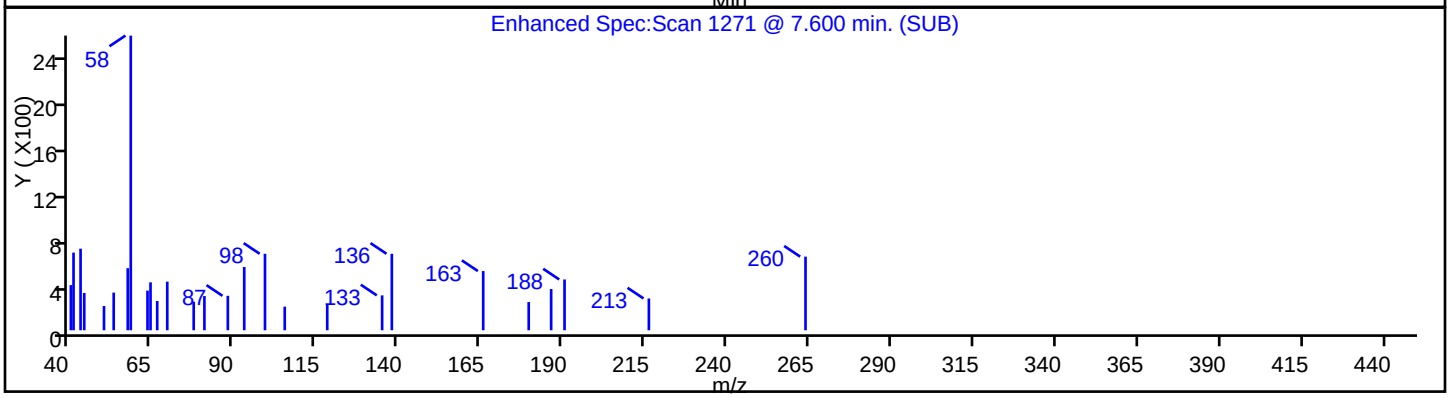
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

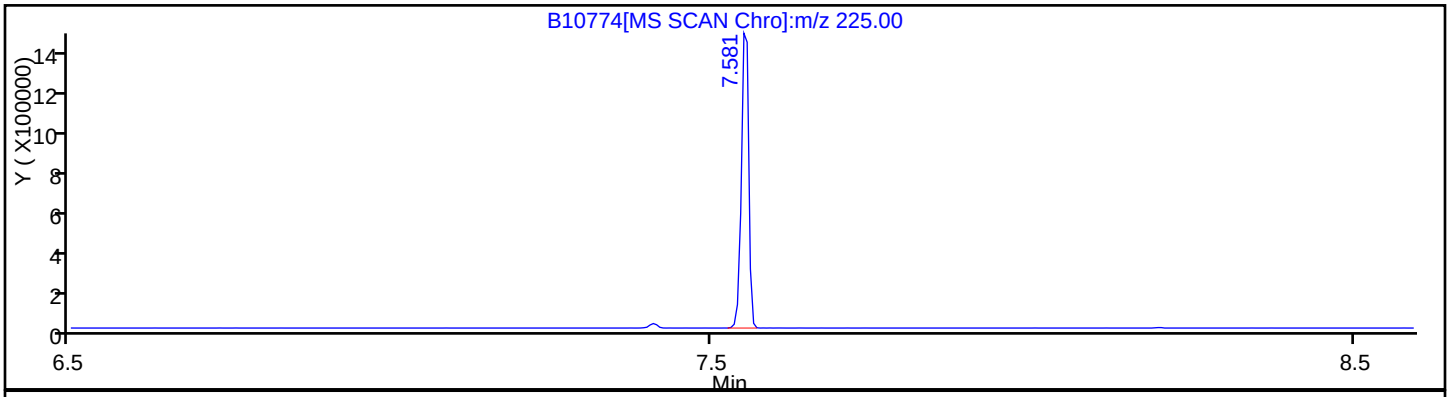
43 Hexachlorobutadiene

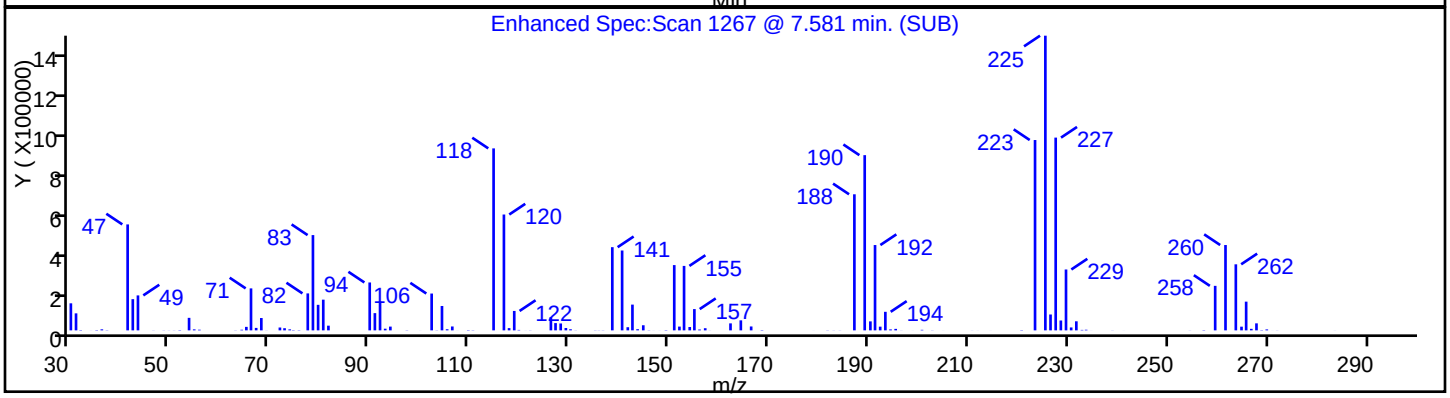
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Selected Alternate Hit
Audit Reason:

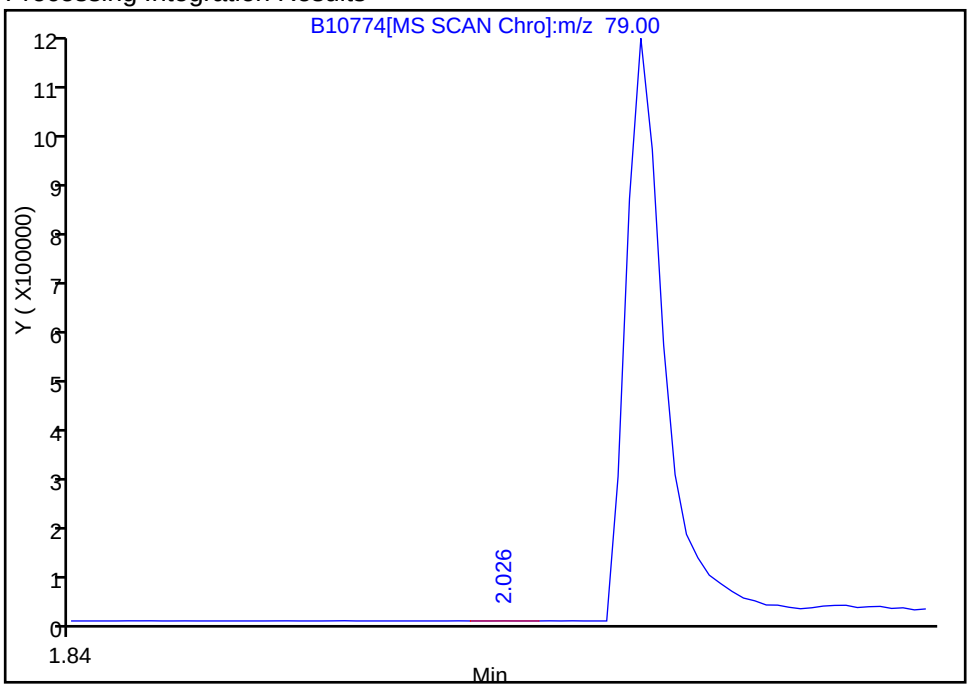
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

16 Pyridine, Number: 1, m/z: 79 Type: quant, RT: 2.04

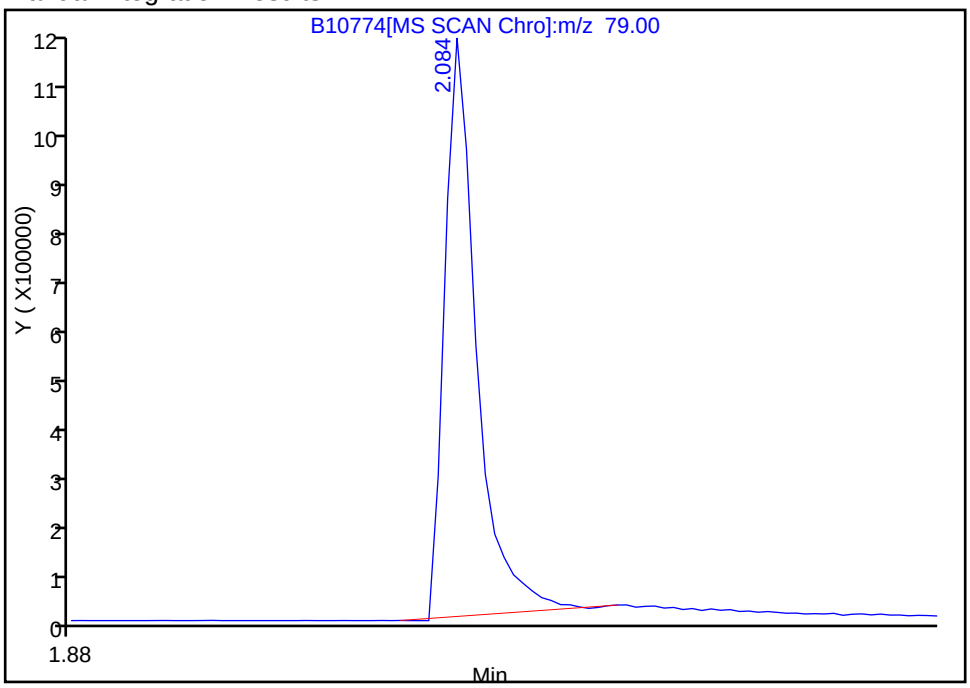
Processing Integration Results

RT: 2.03
Response: 46
Amount: 0.001122



Manual Integration Results

RT: 2.08
Response: 1245527
Amount: 20.681416



Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Manually Integrated
Audit Reason: Assign Peak

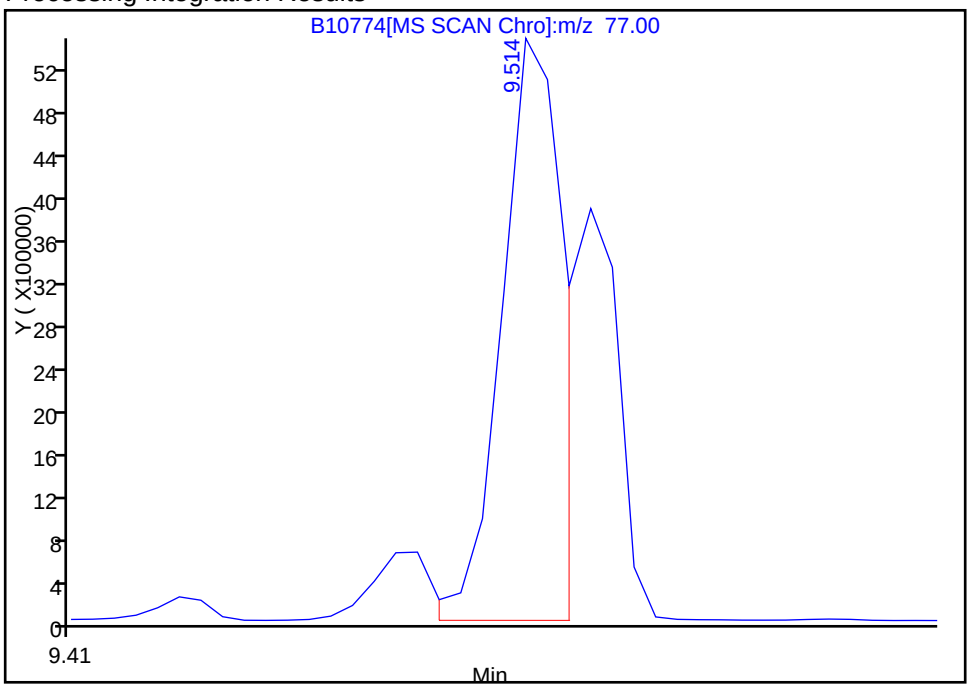
Chrom Revision: 1.1 01-Oct-2009 08:19:20
Manual Integration/User Assign Peak Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

74 Azobenzene, Number: 1, m/z: 77 Type: quant, RT: 9.51

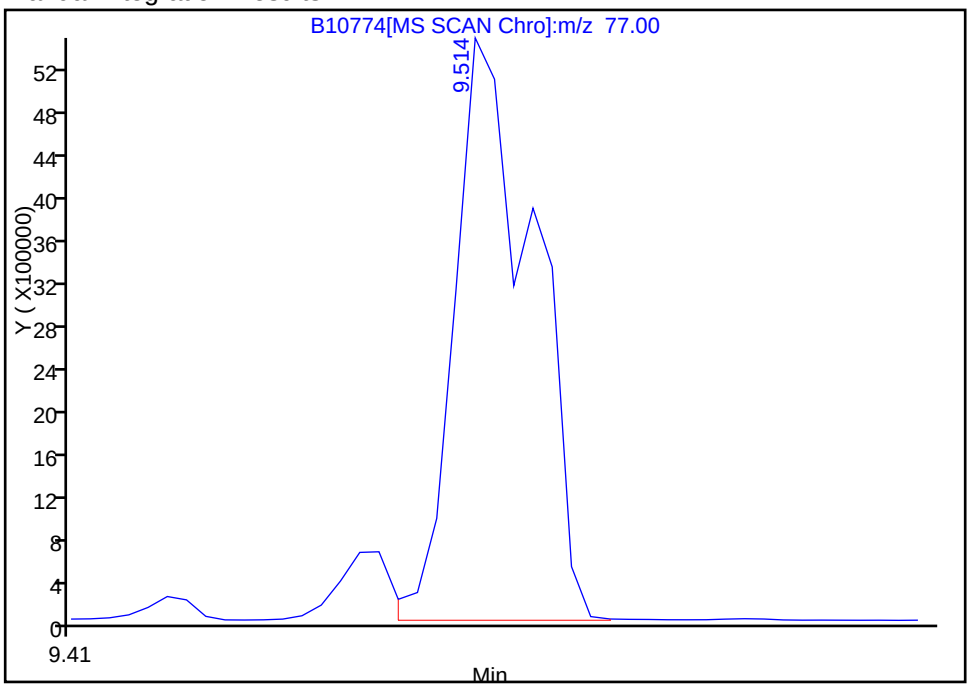
Processing Integration Results

RT: 9.51
Response: 5233218
Amount: 16.156491



Manual Integration Results

RT: 9.51
Response: 7464849
Amount: 22.196596



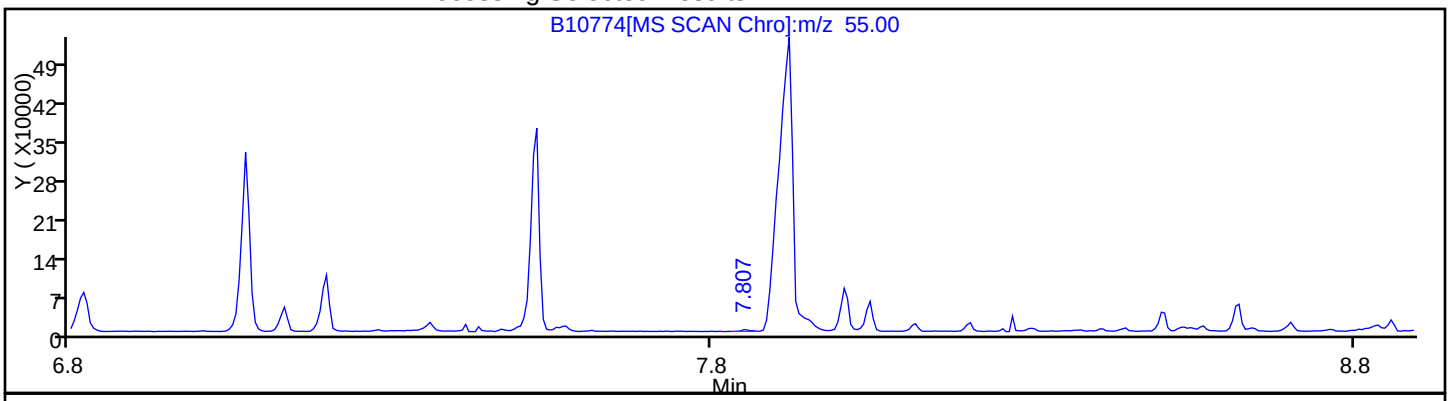
Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Manually Integrated
Audit Reason: Poor chromatography

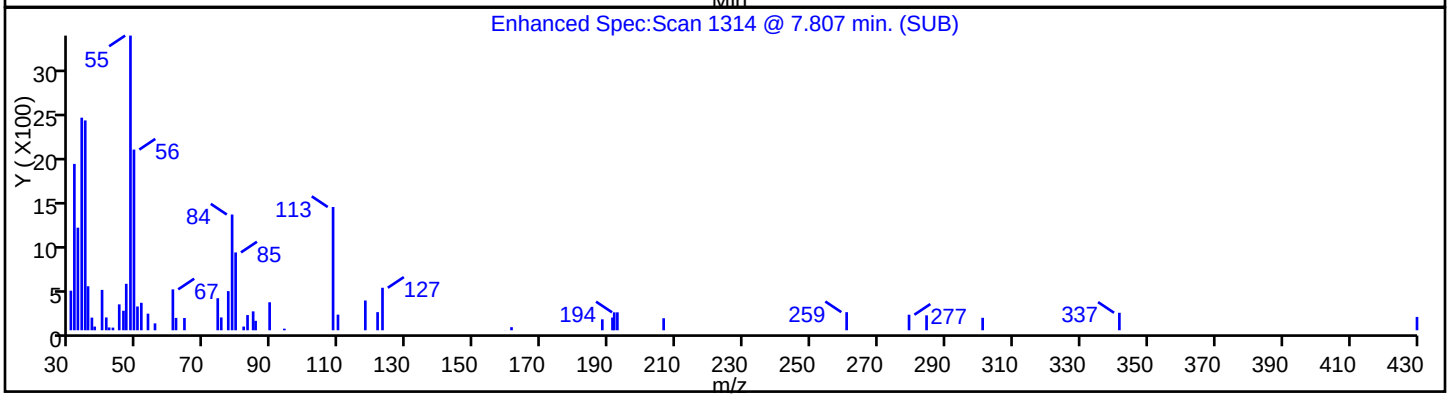
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Inj Date:	06-Oct-2009 20:59:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	10
Client ID:		Instrument:	Inst. B
Sample Info:	20.0 ug/mL		
Sample Amount:	1.00 ul	Operator:	MZ

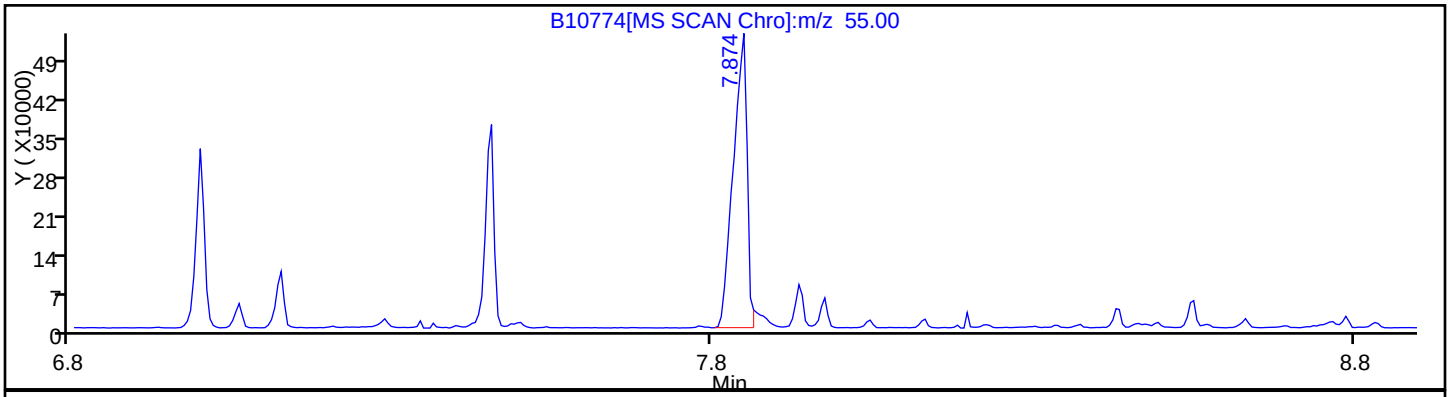
44 Caprolactam

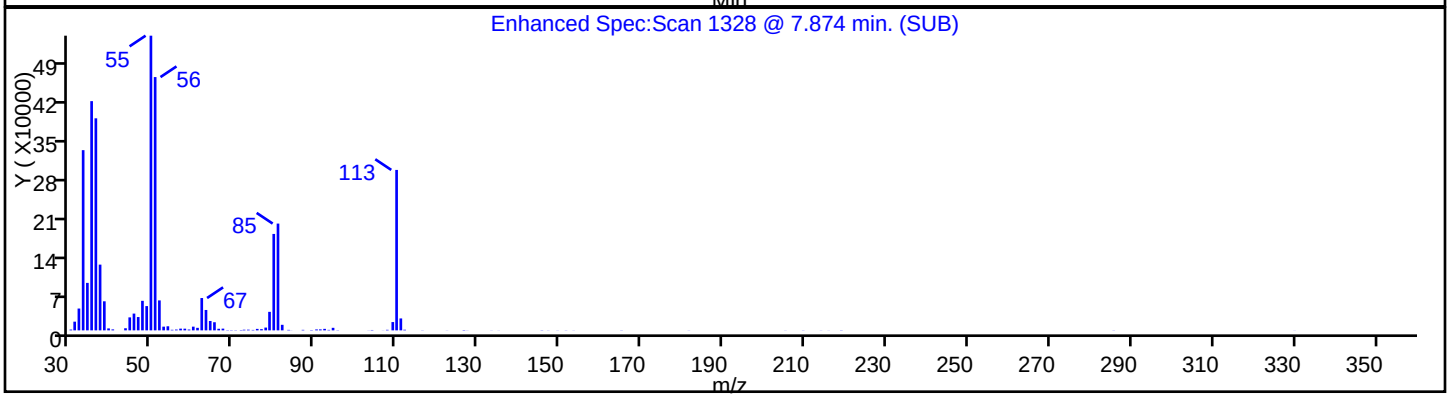
Processing Selected Results





Manual Selected Results





Reviewer: sullivanp, 07-Oct-2009 14:38:22
Audit Action: Selected Alternate Hit
Audit Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: CCV 360-49983/13 Calibration Date: 10/06/2009 22:22

Instrument ID: Inst. B Calib Start Date: 10/06/2009 17:17

GC Column: Rtx-5ms ID: 0.25(um) Calib End Date: 10/06/2009 20:59

Lab File ID: B10777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Lin		0.1686		3560	5000	-28.9	30.0
Pyridine	Lin		0.4548		3810	5000	-23.7	30.0
N-Nitrosodimethylamine	Lin		0.4959		3720	5000	-25.6	30.0
Benzaldehyde	Lin		0.2662		3890	5000	-22.3	30.0
Aniline	Qua		0.8746		4390	5000	-12.3	30.0
Phenol	Qua		0.8178		4270	5000	-14.6	20.0
Bis(2-chloroethyl)ether	Ave	0.6149	0.5177		4210	5000	-15.8	30.0
2-Chlorophenol	Ave	0.7084	0.5991		4230	5000	-15.4	30.0
1,4-Dichlorobenzene	Ave	0.8627	0.7158		4150	5000	-17.0	20.0
1,3-Dichlorobenzene	Ave	0.8995	0.7600		4220	5000	-15.5	30.0
1,2-Dichlorobenzene	Ave	0.8509	0.7005		4120	5000	-17.7	30.0
Benzyl alcohol	Qua		0.6129		4190	5000	-16.3	30.0
2-Methylphenol	Ave	0.6281	0.5264		4190	5000	-16.2	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.223	1.003		4100	5000	-18.0	30.0
Acetophenone	Ave	0.9491	0.8312		4380	5000	-12.4	30.0
N-Nitrosodi-n-propylamine	Qua		0.4541	0.0500	4350	5000	-12.9	30.0
3 & 4 Methylphenol	Qua		0.5641		4410	5000	-11.8	30.0
Hexachloroethane	Ave	0.3531	0.3119		4420	5000	-11.7	30.0
Nitrobenzene	Ave	0.3837	0.3803		4960	5000	-0.9	30.0
Isophorone	Lin1		0.6206		4520	5000	-9.5	30.0
2-Nitrophenol	Lin1		0.1636		4520	5000	-9.7	20.0
2,4-Dimethylphenol	Ave	0.3389	0.3335		4920	5000	-1.6	30.0
Bis(2-chloroethoxy)methane	Ave	0.3320	0.3248		4890	5000	-2.2	30.0
Benzoic acid	Qua		0.1132		4050	5000	-19.0	30.0
2,4-Dichlorophenol	Lin1		0.2549		4240	5000	-15.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3012	0.2938		4880	5000	-2.5	30.0
Naphthalene	Ave	0.9498	0.9421		4960	5000	-0.8	30.0
Alpha-Terpineol	Lin2		0.3141		4670	5000	-6.6	30.0
4-Chloroaniline	Lin		0.4001		4160	5000	-16.8	30.0
Hexachlorobutadiene	Lin1		0.1655		4200	5000	-16.0	20.0
Caprolactam	Lin1		0.1430		4690	5000	-6.3	30.0
4-Chloro-3-methylphenol	Lin1		0.2890		4340	5000	-13.2	20.0
2-Methylnaphthalene	Ave	0.6671	0.6416		4810	5000	-3.8	30.0
1-Methylnaphthalene	Ave	0.6443	0.6288		4880	5000	-2.4	30.0
Hexachlorocyclopentadiene	Qua		0.2283	0.0500	4590	5000	-8.2	30.0
1,2,4,5-Tetrachlorobenzene	Lin		0.2560		4160	5000	-16.7	30.0
2,4,6-Trichlorophenol	Lin1		0.3511		4200	5000	-15.9	20.0
2,4,5-Trichlorophenol	Lin1		0.3672		4310	5000	-13.8	30.0
1,1'-Biphenyl	Ave	1.643	1.568		4770	5000	-4.6	30.0
2-Chloronaphthalene	Lin		1.585		4100	5000	-18.0	30.0
Phenyl ether	Lin1		0.3938		4300	5000	-14.0	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: CCV 360-49983/13 Calibration Date: 10/06/2009 22:22

Instrument ID: Inst. B Calib Start Date: 10/06/2009 17:17

GC Column: Rtx-5ms ID: 0.25(um) Calib End Date: 10/06/2009 20:59

Lab File ID: B10777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitroaniline	Lin1		0.3968		4160	5000	-16.9	30.0
Dimethyl phthalate	Ave	1.456	1.388		4770	5000	-4.6	30.0
2,6-Dinitrotoluene	Lin2		0.3044		4640	5000	-7.3	30.0
Acenaphthylene	Lin1		2.014		4300	5000	-13.9	30.0
3-Nitroaniline	Lin2		0.3205		4780	5000	-4.4	30.0
Acenaphthene	Ave	1.347	1.285		4770	5000	-4.5	20.0
2,4-Dinitrophenol	Qua		0.0769	0.0500	4600	5000	-8.0	30.0
4-Nitrophenol	Lin1		0.2436	0.0500	4290	5000	-14.2	30.0
2,4-Dinitrotoluene	Lin		0.4397		4310	5000	-13.7	30.0
Dibenzofuran	Lin1		1.742		4170	5000	-16.6	30.0
2,3,4,6-Tetrachlorophenol	Lin		0.2599		4380	5000	-12.5	30.0
Diethyl phthalate	Ave	1.602	1.557		4860	5000	-2.8	30.0
4-Chlorophenyl phenyl ether	Qua		0.7015		4460	5000	-10.8	30.0
Fluorene	Lin		1.577		4190	5000	-16.3	30.0
2-Nitroaniline	Lin1		0.3884		5020	5000	0.3	30.0
4,6-Dinitro-2-methylphenol	Qua		0.0824		4980	5000	-0.5	30.0
Diphenylamine	Ave	0.7542	0.7289		4830	5000	-3.4	30.0
N-Nitrosodiphenylamine	Ave	0.7542	0.7289		4830	5000	-3.4	20.0
1,2-Diphenylhydrazine	Ave	1.691	1.711		5060	5000	1.2	30.0
Azobenzene	Ave	1.691	1.711		5060	5000	1.2	30.0
Benzophenone	Lin1		0.8571		4230	5000	-15.3	30.0
4-Bromophenyl phenyl ether	Ave	0.2009	0.1952		4860	5000	-2.9	30.0
Hexachlorobenzene	Ave	0.1875	0.1853		4940	5000	-1.2	30.0
Atrazine	Lin2		0.1792		4660	5000	-6.9	30.0
Pentachlorophenol	Qua		0.0941		4800	5000	-4.1	20.0
Pentachloronitrobenzene	Lin		0.1131		4250	5000	-15.1	30.0
Phenanthrene	Ave	1.172	1.125		4800	5000	-4.1	30.0
Anthracene	Lin1		1.104		4280	5000	-14.3	30.0
Carbazole	Ave	0.9551	0.9222		4830	5000	-3.4	30.0
Di-n-butyl phthalate	Ave	1.513	1.482		4890	5000	-2.1	30.0
Fluoranthene	Lin1		1.047		4300	5000	-14.0	20.0
Benzidine	Lin		0.2074		4570	5000	-8.5	30.0
Pyrene	Ave	1.459	1.401		4800	5000	-4.0	30.0
Butyl benzyl phthalate	Ave	0.7784	0.8105		5210	5000	4.1	30.0
3,3'-Dichlorobenzidine	Lin1		0.2966		5010	5000	0.2	30.0
Benzo[a]anthracene	Ave	0.9819	0.9816		5000	5000	0.0	30.0
Chrysene	Ave	1.007	0.9714		4820	5000	-3.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	1.137	1.185		5210	5000	4.2	30.0
Di-n-octyl phthalate	Lin1		2.671		4560	5000	-8.8	20.0
Benzo[b]fluoranthene	Ave	1.414	1.362		4810	5000	-3.7	30.0
Benzo[k]fluoranthene	Ave	1.173	1.227		5230	5000	4.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: CCV 360-49983/13 Calibration Date: 10/06/2009 22:22

Instrument ID: Inst. B Calib Start Date: 10/06/2009 17:17

GC Column: Rtx-5ms ID: 0.25(um) Calib End Date: 10/06/2009 20:59

Lab File ID: B10777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]pyrene	Lin1		0.9704		4620	5000	-7.7	20.0
Indeno[1,2,3-cd]pyrene	Lin		0.5431		4300	5000	-13.9	30.0
Dibenz(a,h)anthracene	Lin1		0.5275		4530	5000	-9.3	30.0
Benzo[g,h,i]perylene	Ave	0.5672	0.5582		4920	5000	-1.6	30.0
2-Fluorophenol	Ave	0.5525	0.4522		4090	5000	-18.2	30.0
Phenol-d5	Qua		0.7158		4430	5000	-11.3	30.0
Nitrobenzene-d5	Ave	0.3937	0.3930		4990	5000	-0.2	30.0
2-Fluorobiphenyl	Ave	1.510	1.450		4800	5000	-4.0	30.0
2,4,6-Tribromophenol	Lin1		0.0803		4360	5000	-12.8	30.0
Terphenyl-d14	Ave	0.8899	0.8382		4710	5000	-5.8	30.0

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10777.D		
Lims ID:	ccv	Client ID:	
Inject. Date:	06-Oct-2009 22:22:30	Dil. Factor:	1.0000
Sample Type:	CCVIS, Cal Verification ISTD Check		
Sample ID:	ccv		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	13
Lims Batch ID:	49983	Lims Sample ID:	13
Sublist:	chrom-8270B*sub15		
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:05:12	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	07-Oct-2009 16:05:12

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.279	6.278	0.001	241999	2.00	
* 2 Naphthalene-d8	136	7.443	7.442	0.001	466559	2.00	
* 3 Acenaphthene-d10	164	8.924	8.923	0.001	225824	2.00	
* 4 Phenanthrene-d10	188	10.145	10.145	0.001	365875	2.00	
* 5 Chrysene-d12	240	12.386	12.385	0.001	285029	2.00	
* 6 Perylene-d12	264	14.540	14.540	0.000	164313	2.00	
$ 7 2-Fluorophenol	112	4.697	4.691	0.006	273570	4.09	
$ 8 Phenol-d5	99	5.961	5.961	0.000	433062	4.43	
$ 9 Nitrobenzene-d5	82	6.813	6.812	0.001	458435	4.99	
$ 10 2-Fluorobiphenyl	172	8.366	8.365	0.001	818685	4.80	
$ 11 2,4,6-Tribromophenol	330	9.578	9.572	0.006	73400	4.36	
$ 12 Terphenyl-d14	244	11.463	11.462	0.001	597248	4.71	
14 1,4-Dioxane	88	1.667	1.662	0.005	101989	3.56	
16 Pyridine	79	2.028	2.022	0.006	275126	3.81	
15 N-Nitrosodimethylamine	42	2.042	2.032	0.010	300010	3.72	
17 Benzaldehyde	105	5.832	5.831	0.001	161037	3.89	
19 Aniline	93	5.957	5.956	0.001	529127	4.39	
18 Phenol	94	5.976	5.975	0.001	494764	4.27	
20 Bis(2-chloroethyl)ether	93	6.048	6.047	0.001	313177	4.21	
21 2-Chlorophenol	128	6.072	6.067	0.005	362460	4.23	
22 1,4-Dichlorobenzene	146	6.216	6.216	0.000	433042	4.15	
23 1,3-Dichlorobenzene	146	6.298	6.297	0.001	459775	4.22	
24 Benzyl alcohol	79	6.437	6.437	0.000	370784	4.19	
25 1,2-Dichlorobenzene	146	6.437	6.437	0.000	423826	4.12	
26 2-Methylphenol	108	6.563	6.557	0.006	318477	4.19	
27 2,2'-oxybis[1-chloropropane]	45	6.577	6.576	0.001	606730	4.10	
30 Acetophenone	105	6.678	6.677	0.001	502875	4.38	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
29 N-Nitrosodi-n-propylamine	70	6.697	6.692	0.005	274701	4.35	
28 3 & 4 Methylphenol	108	6.707	6.706	0.001	341294	4.41	
31 Hexachloroethane	117	6.750	6.749	0.001	188708	4.42	
32 Nitrobenzene	77	6.827	6.826	0.001	443617	4.96	
33 Isophorone	82	7.053	7.048	0.005	723897	4.52	
34 2-Nitrophenol	139	7.116	7.115	0.001	190864	4.52	
35 2,4-Dimethylphenol	107	7.173	7.173	0.000	388947	4.92	
37 Bis(2-chloroethoxy)methane	93	7.255	7.254	0.001	378833	4.89	
36 Benzoic acid	105	7.260	7.240	0.020	131996	4.05	
38 2,4-Dichlorophenol	162	7.332	7.331	0.001	297363	4.24	
39 1,2,4-Trichlorobenzene	180	7.399	7.399	0.000	342659	4.88	
41 Naphthalene	128	7.462	7.461	0.001	1098834	4.96	
40 Alpha-Terpineol	59	7.486	7.480	0.006	366407	4.67	
42 4-Chloroaniline	127	7.519	7.519	0.000	466616	4.16	
43 Hexachlorobutadiene	225	7.577	7.577	0.000	193001	4.20	
44 Caprolactam	55	7.813	7.798	0.015	166838	4.69	
45 4-Chloro-3-methylphenol	107	7.943	7.942	0.001	337091	4.34	
46 2-Methylnaphthalene	142	8.053	8.053	0.000	748354	4.81	
47 1-Methylnaphthalene	142	8.135	8.134	0.001	733475	4.88	
48 Hexachlorocyclopentadiene	237	8.193	8.192	0.001	128899	4.59	
49 1,2,4,5-Tetrachlorobenzene	216	8.198	8.197	0.001	298588	4.16	
50 2,4,6-Trichlorophenol	196	8.299	8.298	0.000	198233	4.20	
51 2,4,5-Trichlorophenol	196	8.327	8.327	0.000	207283	4.31	
52 1,1'-Biphenyl	154	8.448	8.447	0.001	885125	4.77	
53 2-Chloronaphthalene	162	8.462	8.457	0.005	894800	4.10	
54 Phenyl ether	170	8.534	8.534	0.000	459295	4.30	
68 4-Nitroaniline	138	8.553	8.548	0.005	223990	4.16	
56 Dimethyl phthalate	163	8.712	8.707	0.005	783696	4.77	
57 2,6-Dinitrotoluene	165	8.755	8.755	0.000	171833	4.64	
58 Acenaphthylene	152	8.803	8.803	0.000	1136841	4.30	
59 3-Nitroaniline	138	8.895	8.889	0.006	180965	4.78	
61 Acenaphthene	153	8.948	8.947	0.001	725703	4.77	
60 2,4-Dinitrophenol	184	8.981	8.981	0.000	43391	4.60	
62 4-Nitrophenol	109	9.039	9.034	0.005	137505	4.29	
64 Dibenzofuran	168	9.092	9.091	0.001	983611	4.17	
63 2,4-Dinitrotoluene	165	9.087	9.087	0.000	248238	4.31	
65 2,3,4,6-Tetrachlorophenol	232	9.198	9.197	0.001	146720	4.38	
66 Diethyl phthalate	149	9.289	9.289	0.000	879137	4.86	
69 Fluorene	166	9.376	9.375	0.001	890103	4.19	
67 4-Chlorophenyl phenyl ether	204	9.376	9.375	0.001	396063	4.46	
55 2-Nitroaniline	65	9.395	9.390	0.005	219290	5.02	
70 4,6-Dinitro-2-methylphenol	198	9.424	9.418	0.006	75377	4.98	
71 Diphenylamine	169	9.477	9.476	0.001	666695	4.83	
72 N-Nitrosodiphenylamine	169	9.477	9.476	0.001	666695	4.83	
73 1,2-Diphenylhydrazine	77	9.510	9.505	0.005	1564874	5.06	
74 Azobenzene	77	9.510	9.505	0.005	1564874	5.06	
13 Benzophenone	105	9.520	9.519	0.001	783938	4.23	
75 4-Bromophenyl phenyl ether	248	9.780	9.779	0.001	178529	4.86	
76 Hexachlorobenzene	284	9.833	9.832	0.000	169481	4.94	
77 Atrazine	200	9.919	9.918	0.001	163888	4.66	
78 Pentachlorophenol	266	9.996	10.000	-0.004	86075	4.80	
79 Pentachloronitrobenzene	237	10.006	10.005	0.001	103421	4.25	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
80 Phenanthrene	178	10.164	10.164	0.000	1028996	4.80	
81 Anthracene	178	10.208	10.207	0.001	1009401	4.28	
83 Carbazole	167	10.342	10.342	0.000	843528	4.83	
84 Di-n-butyl phthalate	149	10.636	10.635	0.001	1355198	4.89	
87 Fluoranthene	202	11.145	11.145	0.000	957962	4.30	
86 Benzidine	184	11.261	11.275	-0.014	189727	4.57	
85 Pyrene	202	11.333	11.327	0.006	998201	4.80	
89 Butyl benzyl phthalate	149	11.871	11.871	0.000	577523	5.21	
91 3,3'-Dichlorobenzidine	252	12.357	12.357	0.000	211364	5.01	
93 Benzo[a]anthracene	228	12.376	12.376	0.000	699473	5.00	
94 Chrysene	228	12.415	12.414	0.001	692185	4.82	
92 Bis(2-ethylhexyl) phthalate	149	12.424	12.419	0.005	844461	5.21	
95 Di-n-octyl phthalate	149	13.271	13.270	0.001	1097035	4.56	
97 Benzo[b]fluoranthene	252	13.833	13.828	0.005	559364	4.81	
98 Benzo[k]fluoranthene	252	13.882	13.871	0.011	504202	5.23	
99 Benzo[a]pyrene	252	14.425	14.424	0.001	398633	4.62	
100 Indeno[1,2,3-cd]pyrene	276	16.142	16.141	0.001	223098	4.30	
101 Dibenz(a,h)anthracene	278	16.175	16.175	0.000	216676	4.53	
102 Benzo[g,h,i]perylene	276	16.445	16.439	0.006	229304	4.92	

Report Date: 07-Oct-2009 16:05:13 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10777.D

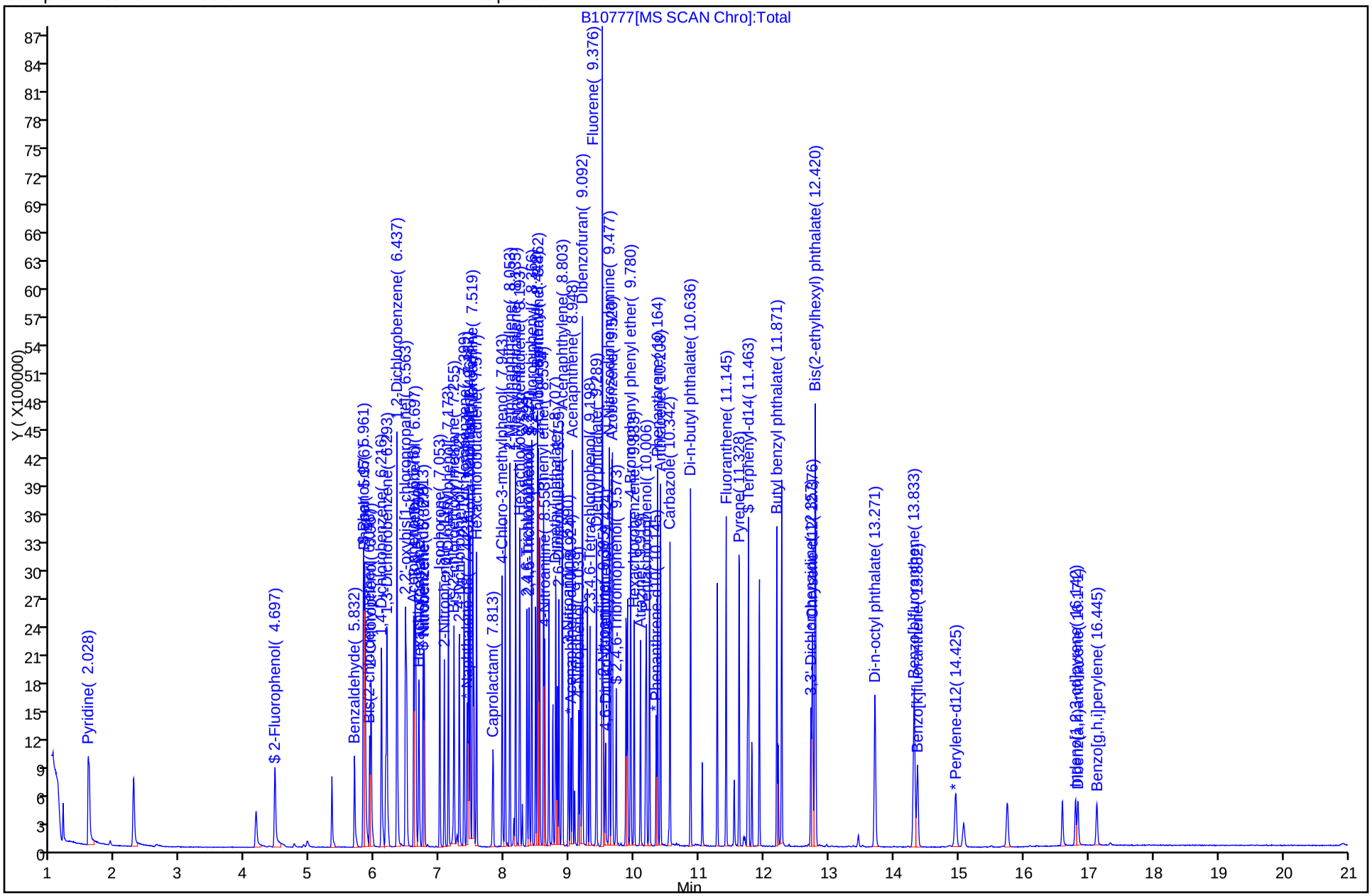
Inj Date: 06-Oct-2009 22:22:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49983 Lims Sample ID: 13

Client ID: Instrument: Inst. B

Sample Info: ccv

Sample Amount: 1.00 ul Operator: MZ



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10656.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	30-Sep-2009 16:12:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	dftpp		
Misc. Info.:	360-0001341-001		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	49705	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:19:58	Calib Date:	01-Jan-0001 00:00:00
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:41:13
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:19:58

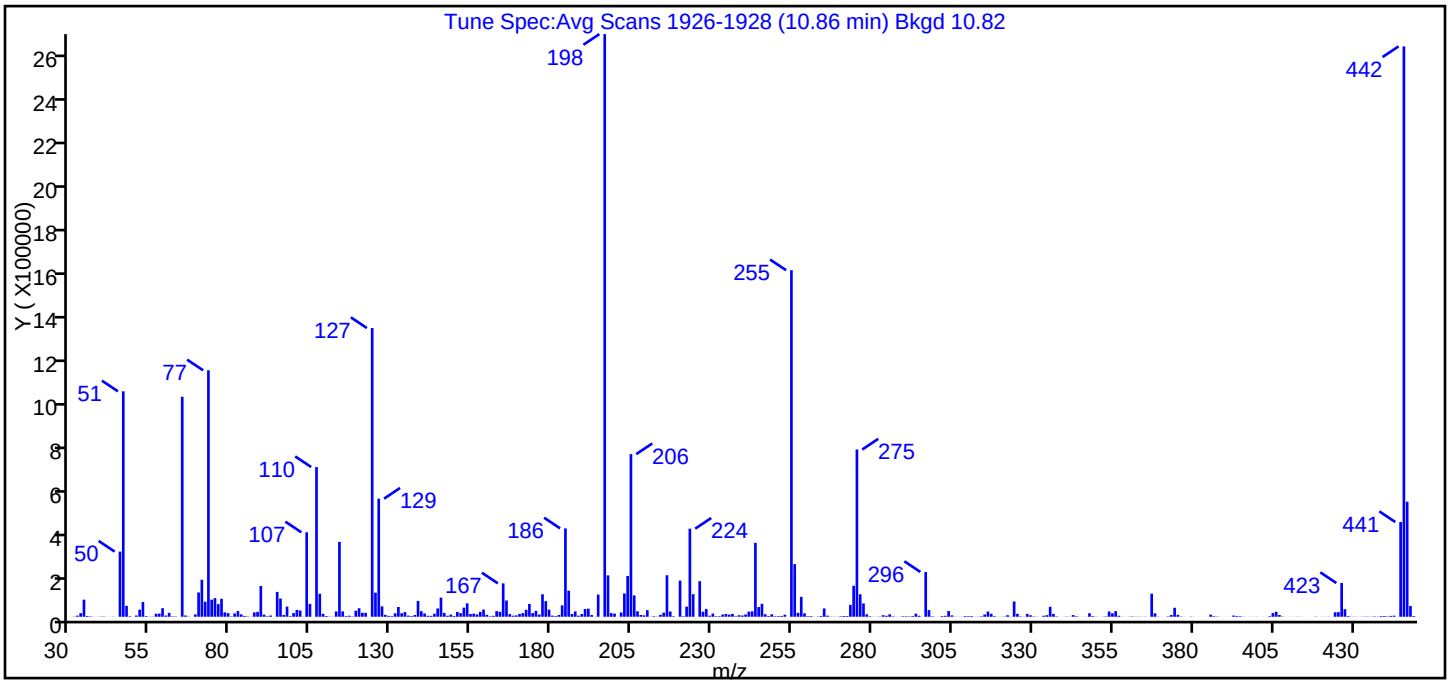
WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.488	10.488	0.000	2233570		
82 DFTPP	198	10.853	10.853	0.000	2923092		
86 Benzidine	184	11.762	11.762	0.000	7595925		
88 4,4'-DDD	235	12.219	12.219	0.000	251330		
90 4,4'-DDT	235	12.536	12.536	0.000	5452618		

MS Tune Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10656.D		
Inj Date:	30-Sep-2009 16:12:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	1
Client ID:		Instrument:	Inst. B
Sample Info:	dftpp		
Sample Amount:	1.00 ul	Operator:	MZ

82 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	38.69
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	37.76
70	Less than 2.00% of mass 69	0.23 (0.60)
127	40.00 - 60.00% of mass 198	49.56
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.11
275	10.00 - 30.00% of mass 198	28.71
365	Greater than 1.00% of mass 198	3.96
441	Present, but less than mass 443%	16.26 (82.36)
442	Greater than 40.00% of mass 198	97.89
443	17.00 - 23.00% of mass 442	19.74 (20.17)

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10656.D\8270B.rslt\spectra.d
Injection Date: 30-Sep-2009 16:12:30
Spectrum: Tune Spec:Avg Scans 1926-1928 (10.86 min) Bkgd 10.82
Base Peak: 198.00
Minimum % Base Peak: 1
Number of Points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	77704	108.00	58496	180.00	71016	245.00	44072
50.00	296000	110.00	680128	181.00	32656	246.00	58808
51.00	1024128	111.00	104600	185.00	51832	255.00	1574400
52.00	49576	117.00	340288	186.00	401600	256.00	239360
56.00	32112	122.00	27536	187.00	118648	258.00	90584
57.00	67048	123.00	38816	192.00	35224	265.00	37960
63.00	38920	127.00	1311744	193.00	36792	273.00	54032
69.00	999616	128.00	109584	196.00	100888	274.00	140864
74.00	110448	129.00	536640	198.00	2647040	275.00	759872
75.00	168320	130.00	47280	199.00	188224	276.00	102128
76.00	68384	135.00	44368	204.00	105864	277.00	60592
77.00	1119744	141.00	72040	205.00	185472	296.00	203456
78.00	77544	147.00	37928	206.00	738944	297.00	30216
79.00	84864	148.00	86984	207.00	96952	323.00	69528
80.00	57536	155.00	41408	211.00	29752	334.00	45224
81.00	81552	156.00	60872	217.00	188544	365.00	104768
93.00	139968	161.00	32792	221.00	164480	372.00	40880
98.00	112800	167.00	151744	223.00	46192	423.00	153344
99.00	82408	168.00	74072	224.00	400256	424.00	34504
101.00	45992	174.00	31800	225.00	102504	441.00	430400
104.00	31088	175.00	58280	227.00	161536	442.00	2591232
105.00	28520	177.00	26664	229.00	35400	443.00	522560
107.00	383680	179.00	102152	244.00	336064	444.00	48664

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10765.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	06-Oct-2009 16:49:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	dftpp		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	49981	Lims Sample ID:	1
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:00:15	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	07-Oct-2009 16:00:15

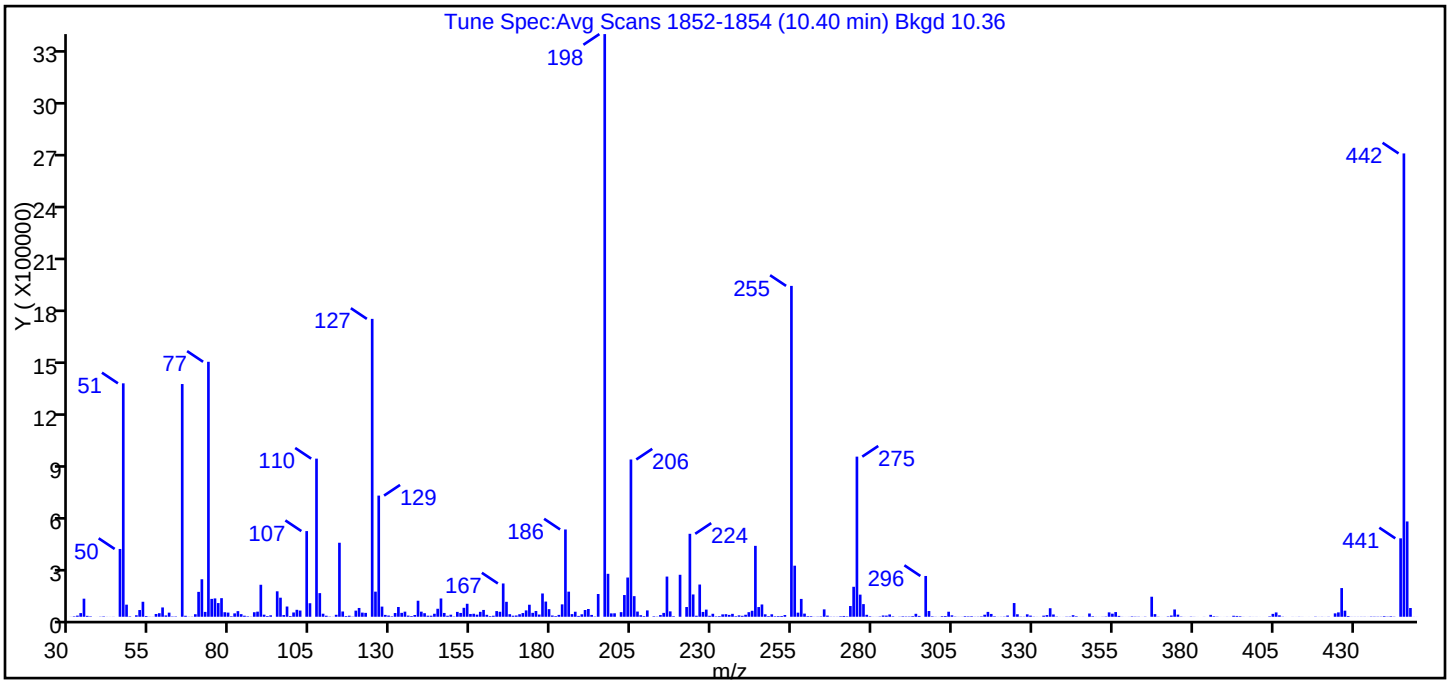
WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.001	10.001	0.000	3021433		
82 DFTPP	198	10.400	10.400	0.000	3321506		
86 Benzidine	184	11.275	11.275	0.000	8849876		
88 4,4'-DDD	235	11.698	11.698	0.000	355229		
90 4,4'-DDT	235	11.953	11.953	0.000	5802992		

MS Tune Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10765.D		
Inj Date:	06-Oct-2009 16:49:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49981	Lims Sample ID:	1
Client ID:		Instrument:	Inst. B
Sample Info:	dftpp		
Sample Amount:	1.00 ul	Operator:	MZ

82 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.06
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	39.94
70	Less than 2.00% of mass 69	0.17 (0.43)
127	40.00 - 60.00% of mass 198	51.13
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.37
275	10.00 - 30.00% of mass 198	27.48
365	Greater than 1.00% of mass 198	3.44
441	Present, but less than mass 443%	13.46 (82.28)
442	Greater than 40.00% of mass 198	79.52
443	17.00 - 23.00% of mass 442	16.36 (20.57)

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10765.D\8270B.rslt\spectra.d
Injection Date: 06-Oct-2009 16:49:30
Spectrum: Tune Spec:Avg Scans 1852-1854 (10.40 min) Bkgd 10.36
Base Peak: 198.00
Minimum % Base Peak: 1
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	104448	110.00	913216	185.00	71680	246.00	71064
50.00	391552	111.00	136512	186.00	504192	255.00	1910784
51.00	1348096	117.00	427456	187.00	145024	256.00	294912
52.00	69912	122.00	35392	192.00	39008	258.00	103056
56.00	38848	123.00	50808	193.00	44848	265.00	42792
57.00	86648	127.00	1720320	196.00	131456	273.00	62064
63.00	53856	128.00	145024	198.00	3364864	274.00	173184
69.00	1344000	129.00	699776	199.00	248064	275.00	924736
74.00	143744	130.00	58688	204.00	125528	276.00	127848
75.00	216640	135.00	56448	205.00	226624	277.00	73088
77.00	1472512	141.00	92624	206.00	908288	296.00	235584
78.00	103256	147.00	46232	207.00	119048	323.00	79208
79.00	105976	148.00	105664	211.00	36648	334.00	49344
80.00	79112	155.00	51680	217.00	232128	365.00	115696
81.00	107480	156.00	75048	221.00	242496	372.00	42136
93.00	184832	161.00	39432	223.00	56264	423.00	165696
98.00	147072	167.00	192320	224.00	479168	424.00	35224
99.00	110112	168.00	86400	225.00	128856	441.00	452928
101.00	59176	174.00	36848	227.00	186176	442.00	2675712
104.00	40176	175.00	69504	229.00	41384	443.00	550464
105.00	35960	179.00	134528	243.00	34640	444.00	50560
107.00	494784	180.00	87768	244.00	409536		
108.00	78128	181.00	43944	245.00	56096		

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10776.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	06-Oct-2009 21:54:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	dftpp		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	12
Lims Batch ID:	49983	Lims Sample ID:	12
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\8270B.m		
Last Update:	07-Oct-2009 16:01:46	Calib Date:	06-Oct-2009 20:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10774.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	07-Oct-2009 16:01:46

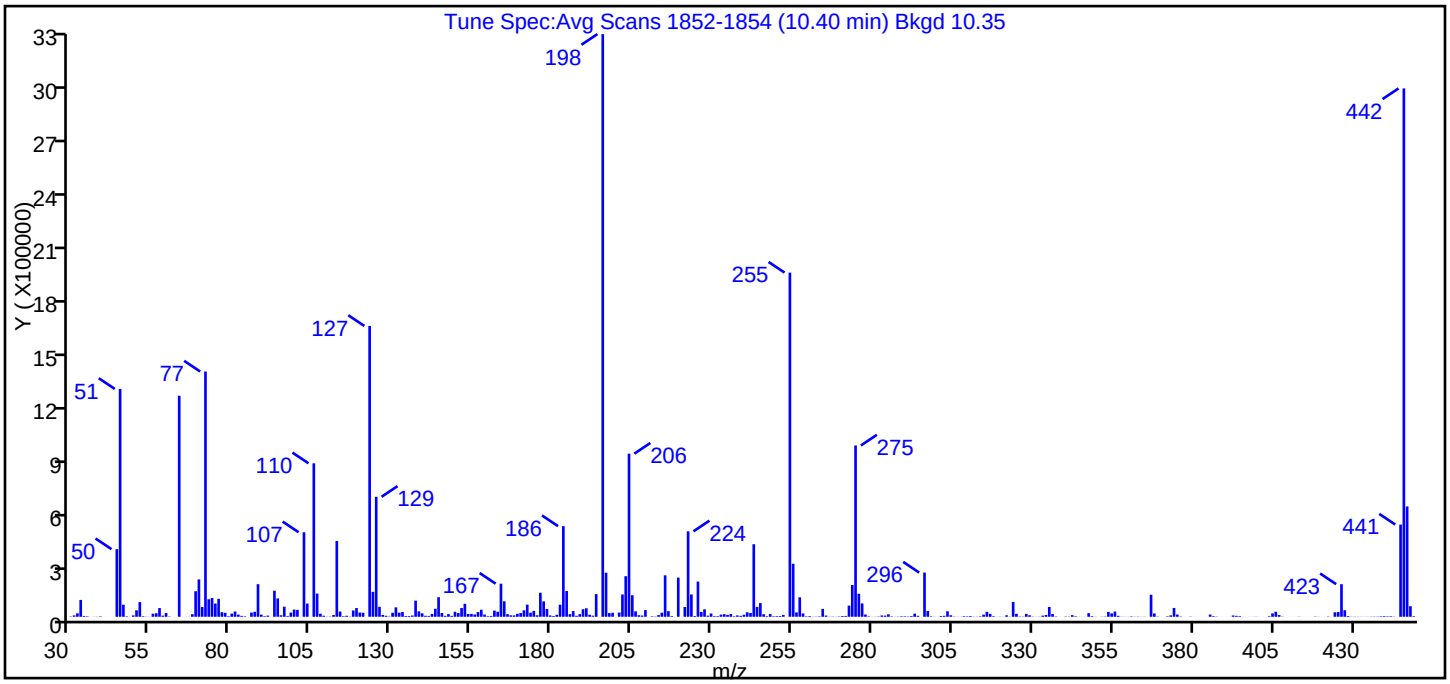
WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
78 Pentachlorophenol	266	10.000	10.001	-0.001	2775053		
82 DFTPP	198	10.399	10.400	-0.001	3256798		
86 Benzidine	184	11.275	11.275	0.000	8281819		
88 4,4'-DDD	235	11.698	11.698	0.000	370911		
90 4,4'-DDT	235	11.953	11.953	0.000	5563031		

MS Tune Report

Data File:	\\wessvr06\chromdata\INSTB.i\20091007-2.b\B10776.D		
Inj Date:	06-Oct-2009 21:54:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49983	Lims Sample ID:	12
Client ID:		Instrument:	Inst. B
Sample Info:	dftpp		
Sample Amount:	1.00 ul	Operator:	MZ

82 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	39.11
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	37.93
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.91
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.56
275	10.00 - 30.00% of mass 198	29.40
365	Greater than 1.00% of mass 198	3.78
441	Present, but less than mass 443%	15.82 (83.59)
442	Greater than 40.00% of mass 198	90.68
443	17.00 - 23.00% of mass 442	18.93 (20.88)

Data File: \\wessvr06\chromdata\INSTB.i\20091007-2.b\B10776.D\8270B.rslt\spectra.d
Injection Date: 06-Oct-2009 21:54:30
Spectrum: Tune Spec:Avg Scans 1852-1854 (10.40 min) Bkgd 10.35
Base Peak: 198.00
Minimum % Base Peak: 1
Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	94640	110.00	862144	181.00	43808	255.00	1933312
50.00	379840	111.00	130240	185.00	67712	256.00	297728
51.00	1280000	117.00	425664	186.00	509120	258.00	109304
52.00	67664	122.00	35352	187.00	144576	265.00	44216
56.00	36312	123.00	49112	192.00	42592	273.00	62888
57.00	82456	127.00	1633792	193.00	47728	274.00	178432
63.00	48952	128.00	139968	196.00	127344	275.00	962304
69.00	1241600	129.00	673984	198.00	3273216	276.00	129528
74.00	143424	130.00	55912	199.00	247616	277.00	74976
75.00	209920	135.00	52880	204.00	125336	296.00	248320
76.00	54584	141.00	90616	205.00	228032	297.00	32776
77.00	1377792	147.00	44992	206.00	916352	323.00	83200
78.00	98336	148.00	110216	207.00	121000	334.00	55152
79.00	105464	155.00	49064	211.00	37488	365.00	123784
80.00	74168	156.00	72776	217.00	232832	372.00	49512
81.00	100608	161.00	39672	221.00	220096	423.00	183104
93.00	183104	165.00	34496	223.00	54864	424.00	36744
98.00	146304	167.00	185856	224.00	479936	441.00	517952
99.00	103088	168.00	86968	225.00	125472	442.00	2968064
101.00	56496	174.00	36176	227.00	197696	443.00	619648
104.00	40496	175.00	68272	229.00	41856	444.00	59352
105.00	38744	177.00	33000	244.00	407616		
107.00	474752	179.00	134912	245.00	55568		
108.00	74104	180.00	86656	246.00	77120		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: MB 360-49545/1-A

Matrix: Solid | Lab File ID: B10667.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 09:45

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	ND		33	10
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		33	10
120-82-1	1,2,4-Trichlorobenzene	ND		33	10
95-50-1	1,2-Dichlorobenzene	ND		33	10
541-73-1	1,3-Dichlorobenzene	ND		33	10
106-46-7	1,4-Dichlorobenzene	ND		33	10
90-12-0	1-Methylnaphthalene	ND		33	10
108-60-1	2,2'-oxybis[1-chloropropane]	ND		33	10
58-90-2	2,3,4,6-Tetrachlorophenol	ND		33	10
95-95-4	2,4,5-Trichlorophenol	ND		33	10
88-06-2	2,4,6-Trichlorophenol	ND		33	10
120-83-2	2,4-Dichlorophenol	ND		33	10
105-67-9	2,4-Dimethylphenol	ND		33	13
51-28-5	2,4-Dinitrophenol	ND		33	10
121-14-2	2,4-Dinitrotoluene	ND		33	10
606-20-2	2,6-Dinitrotoluene	ND		33	10
91-58-7	2-Chloronaphthalene	ND		33	10
95-57-8	2-Chlorophenol	ND		33	10
91-57-6	2-Methylnaphthalene	ND		33	10
95-48-7	2-Methylphenol	ND		33	20
88-74-4	2-Nitroaniline	ND		170	10
88-75-5	2-Nitrophenol	ND		33	10
15831-10-4	3 & 4 Methylphenol	ND		33	10
91-94-1	3,3'-Dichlorobenzidine	ND		67	10
99-09-2	3-Nitroaniline	ND		170	10
534-52-1	4,6-Dinitro-2-methylphenol	ND		170	10
101-55-3	4-Bromophenyl phenyl ether	ND		33	10
59-50-7	4-Chloro-3-methylphenol	ND		67	10
106-47-8	4-Chloroaniline	ND		67	10
7005-72-3	4-Chlorophenyl phenyl ether	ND		33	10
100-01-6	4-Nitroaniline	ND		170	10
100-02-7	4-Nitrophenol	ND		170	10
83-32-9	Acenaphthene	ND		33	10
208-96-8	Acenaphthylene	ND		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: MB 360-49545/1-A

Matrix: Solid | Lab File ID: B10667.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 09:45

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	ND		33	10
62-53-3	Aniline	ND		33	10
120-12-7	Anthracene	ND		33	10
1912-24-9	Atrazine	ND		33	10
103-33-3	Azobenzene	ND		33	10
100-52-7	Benzaldehyde	ND		33	10
56-55-3	Benzo[a]anthracene	ND		33	10
50-32-8	Benzo[a]pyrene	ND		33	10
205-99-2	Benzo[b]fluoranthene	ND		33	10
191-24-2	Benzo[g,h,i]perylene	ND		33	10
207-08-9	Benzo[k]fluoranthene	ND		33	10
65-85-0	Benzoic acid	95.1	J	170	15
119-61-9	Benzophenone	ND		33	10
100-51-6	Benzyl alcohol	ND		67	28
111-91-1	Bis(2-chloroethoxy)methane	ND		33	10
111-44-4	Bis(2-chloroethyl)ether	ND		33	10
117-81-7	Bis(2-ethylhexyl) phthalate	ND		33	10
85-68-7	Butyl benzyl phthalate	ND		33	10
105-60-2	Caprolactam	ND		33	10
86-74-8	Carbazole	ND		33	10
218-01-9	Chrysene	ND		33	10
53-70-3	Dibenz(a,h)anthracene	ND		33	10
132-64-9	Dibenzofuran	ND		33	10
84-66-2	Diethyl phthalate	ND		33	10
131-11-3	Dimethyl phthalate	ND		33	10
84-74-2	Di-n-butyl phthalate	88.6		33	29
117-84-0	Di-n-octyl phthalate	ND		33	17
101-84-8	Diphenyl oxide	ND		33	10
206-44-0	Fluoranthene	ND		33	10
86-73-7	Fluorene	ND		33	10
118-74-1	Hexachlorobenzene	ND		33	10
87-68-3	Hexachlorobutadiene	ND		33	10
77-47-4	Hexachlorocyclopentadiene	ND		67	10
67-72-1	Hexachloroethane	ND		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: MB 360-49545/1-A

Matrix: Solid | Lab File ID: B10667.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 09:45

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
193-39-5	Indeno[1,2,3-cd]pyrene	ND		33	10
78-59-1	Isophorone	ND		33	10
91-20-3	Naphthalene	ND		80	10
98-95-3	Nitrobenzene	ND		33	10
62-75-9	N-Nitrosodimethylamine	ND		33	12
621-64-7	N-Nitrosodi-n-propylamine	ND		33	10
86-30-6	N-Nitrosodiphenylamine	ND		33	10
87-86-5	Pentachlorophenol	ND		33	10
85-01-8	Phenanthrene	ND		40	10
108-95-2	Phenol	ND		33	10
129-00-0	Pyrene	ND		33	10

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol	75	30-130	
321-60-8	2-Fluorobiphenyl	75	30-130	
367-12-4	2-Fluorophenol	93	30-130	
4165-60-0	Nitrobenzene-d5	73	30-130	
4165-62-2	Phenol-d5	80	30-130	
1718-51-0	Terphenyl-d14	83	30-130	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: MB 360-49545/1-A

Matrix: Solid | Lab File ID: B10667.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 09:45

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 488.75

CAS NO.	COMPOUND NAME	RT	RESULT	Q
111-76-2	Ethanol, 2-butoxy-	5.78	10.5	T J N
541-2-6	Cyclopentasiloxane, decamethyl-	7.48	12.5	T J N
621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	8.94	14.3	T J N
111-82-0	Dodecanoic acid, methyl ester	9.43	7.85	T J N
62016-37-9	Octane, 2,4,6-trimethyl-	9.75	32.9	T J N
593-45-3	Octadecane	10.52	61.8	T J N
1000143-92-4	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	10.96	16.9	T J N
112-95-8	Eicosane	11.21	36.0	T J N
1000140-7-4	1R,3Z,9s-4,8,11,11-Tetramethylbicyclo[7.	11.53	131	T J N
7683-64-9	Squalene	14.93	165	T J N

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D		
Lims ID:	MB 360-49545/1-A	Client ID:	
Inject. Date:	01-Oct-2009 09:45:30	Dil. Factor:	1.0000
Sample Type:	MB, Method Blank		
Sample ID:	mb 360-49545/1-a		
Misc. Info.:	360-0001341-012		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	12
Lims Batch ID:	49705	Lims Sample ID:	12
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	02-Oct-2009 16:46:55
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:22:04
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:44:59

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.778	6.784	-0.006	427631	2.00	
* 2 Naphthalene-d8	136	7.917	7.919	-0.002	1013070	2.00	
* 3 Acenaphthene-d10	164	9.403	9.405	-0.002	497104	2.00	
* 4 Phenanthrene-d10	188	10.644	10.645	-0.001	835847	2.00	
* 5 Chrysene-d12	240	13.135	13.136	-0.001	728271	2.00	
* 6 Perylene-d12	264	15.698	15.699	-0.001	560756	2.00	
$ 7 2-Fluorophenol	112	5.455	5.404	0.051	978142	9.27	
$ 8 Phenol-d5	99	6.451	6.447	0.004	1129182	8.00	
$ 9 Nitrobenzene-d5	82	7.287	7.294	-0.007	532212	3.63	
$ 10 2-Fluorobiphenyl	172	8.826	8.832	-0.006	1097533	3.77	
$ 11 2,4,6-Tribromophenol	330	10.057	10.063	-0.006	224279	7.52	
$ 12 Terphenyl-d14	244	11.961	11.963	-0.002	914598	4.14	
17 Benzaldehyde	105	6.359	6.365	-0.006	6066	0.0862	
36 Benzoic acid	105	7.682	7.702	-0.020	165445	2.85	
66 Diethyl phthalate	149	9.740	9.746	-0.006	19326	0.0653	
80 Phenanthrene	178	10.658	10.665	-0.007	19840	0.0535	
81 Anthracene	178	10.702	10.708	-0.006	2892	0.008233	7M
84 Di-n-butyl phthalate	149	11.101	11.102	-0.001	1166590	2.66	
87 Fluoranthene	202	11.654	11.655	-0.001	6160	0.0179	
85 Pyrene	202	11.846	11.848	-0.002	6996	0.0187	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

TestAmerica Laboratories
Tentatively Identified Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D		
Lims ID:	MB 360-49545/1-A	Client ID:	
Inject. Date:	01-Oct-2009 09:45:30	Dil. Factor:	1.0000
Sample Type:	MB, Method Blank		
Sample ID:	mb 360-49545/1-a		
Misc. Info.:	360-0001341-012		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	12
Lims Batch ID:	49705	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Tic RT Window:	0.000 -30.000	Response:	area
Quant By:	Nearest ISTD	Quant LOD:	10.00000
MS Library:	\\wessvr06\chromdata\DATABASE\NIST98.L		
Min. Match:	50		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:46:55
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:22:04
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:44:59

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Tentative Identified Compound Results

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
111-76-2	Ethanol, 2-butoxy-					
5.782	307481	0.3137	1	91	112447	
541-2-6	Cyclopentasiloxane, decamethyl-					
7.475	469429	0.3762	2	86	115315	
621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-					
8.942	508002	0.4289	3	97	123635	
111-82-0	Dodecanoic acid, methyl ester					
9.427	278951	0.2355	3	93	115462	
62016-37-9	Octane, 2,4,6-trimethyl-					
9.749	1169921	0.9878	3	90	16491	
593-45-3	Octadecane					
10.519	2042726	1.85	4	98	112329	
1000143-92-4	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,					
10.956	559561	0.5081	4	91	17969	
112-95-8	Eicosane					
11.211	1188647	1.08	4	97	112344	
1000140-7-4	1R,3Z,9s-4,8,11,11-Tetramethylbicyclo[7.					
11.533	4334552	3.94	4	95	31892	
	Unknown					
11.731	211613	0.1922	4			

RT	Response	Amount ug/mL	Quant Cpnd	Qual	Lib Entry	Flags
7683-64-9 Squalene						
14.933	4153225	4.96	6	91	114263	

Quantitation Compounds

Compound	RT	Response	Amount ug/mL
* 1 1,4-Dichlorobenzene-d4	6.778	1960502	2.00
* 2 Naphthalene-d8	7.917	2495530	2.00
* 3 Acenaphthene-d10	9.398	2368751	2.00
* 4 Phenanthrene-d10	10.639	2202483	2.00
* 6 Perylene-d12	15.698	1673759	2.00

QC Flag Legend

Processing Flags

Report Date: 05-Oct-2009 07:45:00 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

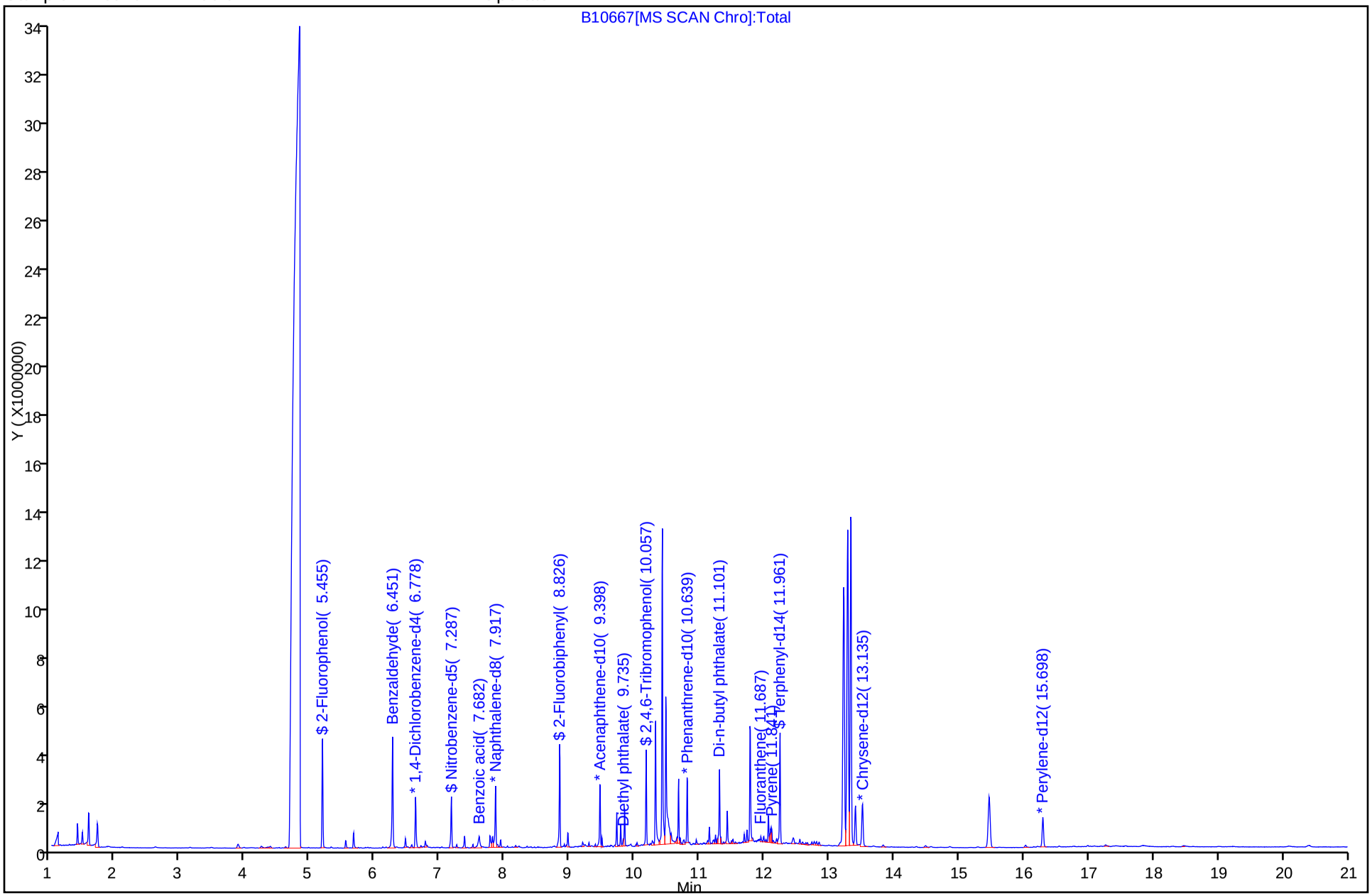
Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 12

Client ID: Instrument: Inst. B

Sample Info: mb 360-49545/1-a

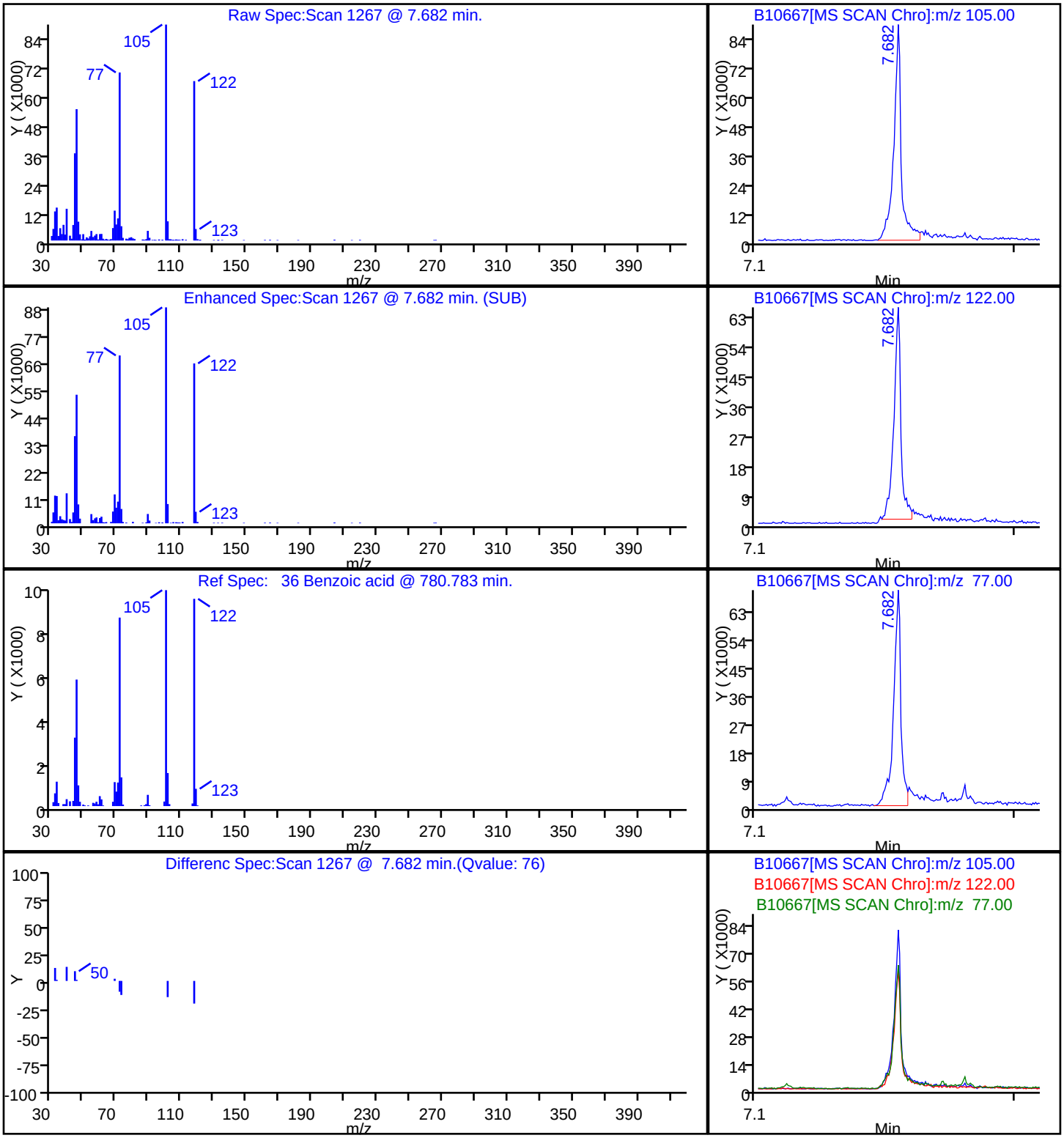
Sample Amount: 1.00 ul Operator: MZ



Report Date: 05-Oct-2009 07:45:01 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D		
Inj Date:	01-Oct-2009 09:45:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	12
Client ID:		Instrument:	Inst. B
Sample Info:	mb 360-49545/1-a		
Sample Amount:	1.00 ul	Operator:	MZ

36 Benzoic acid



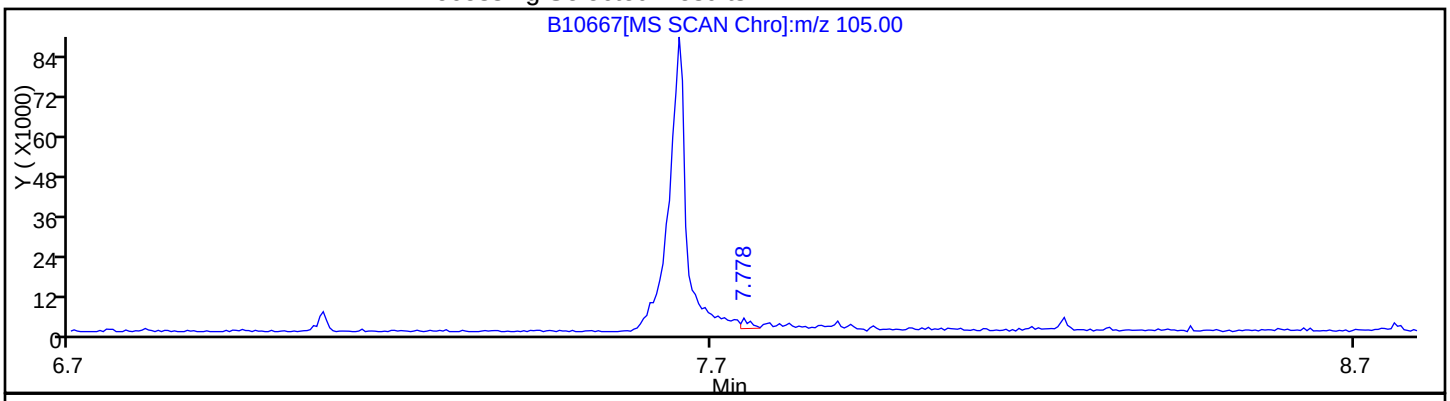
Chrom Revision: 1.1 01-Oct-2009 08:19:20

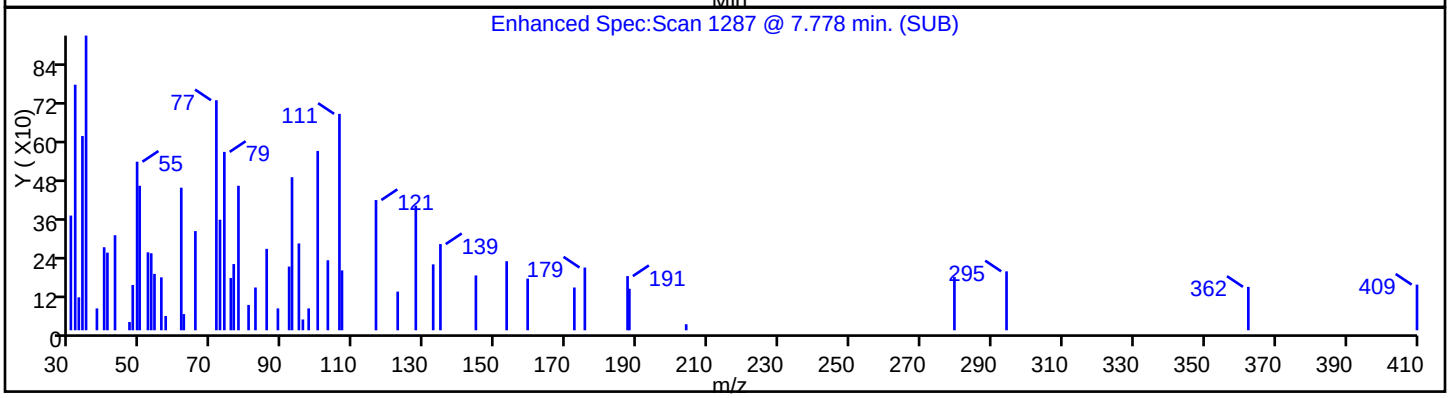
User Selected Alternate Hit Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D		
Inj Date:	01-Oct-2009 09:45:30	Limit Group:	SMS - 8270LL SVOA Calibration
Lims Batch ID:	49705	Lims Sample ID:	12
Client ID:		Instrument:	Inst. B
Sample Info:	mb 360-49545/1-a		
Sample Amount:	1.00 ul	Operator:	MZ

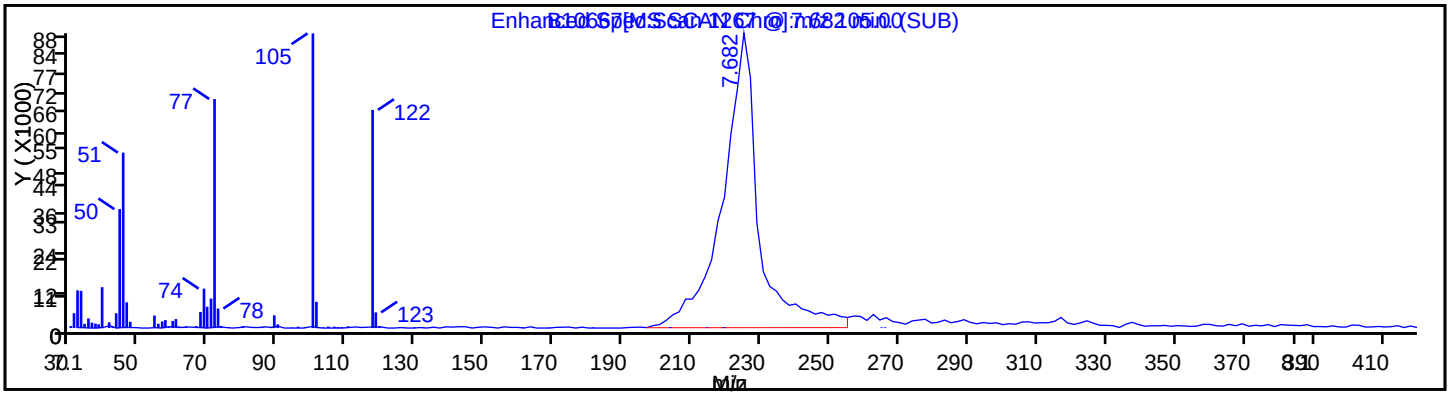
36 Benzoic acid

Processing Selected Results





Manual Selected Results



Reviewer: sullivanp, 02-Oct-2009 16:46:55

Audit Action: Selected Alternate Hit

Audit Reason:

Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

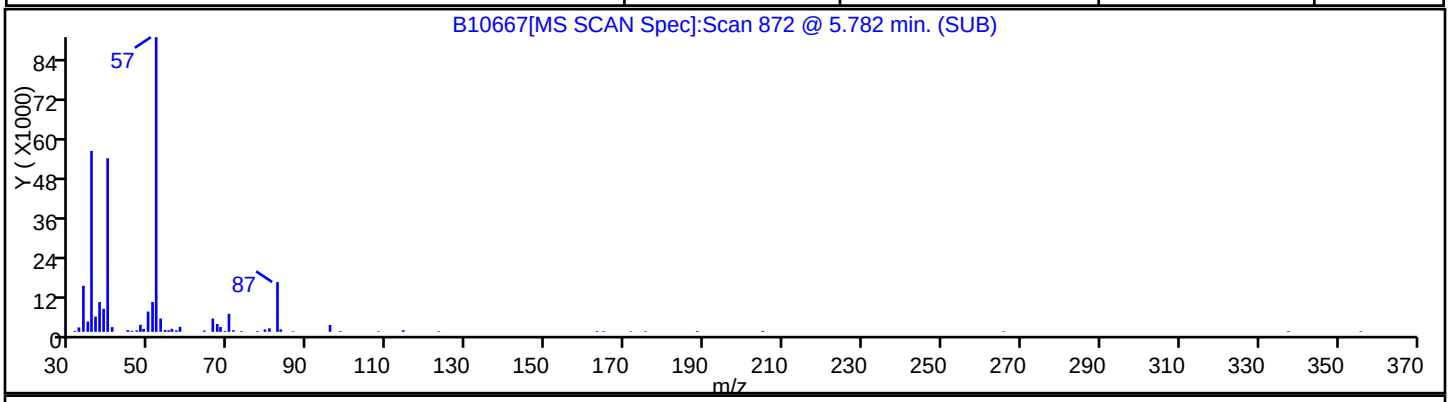
Lims Batch ID: 49705 Lims Sample ID: 12

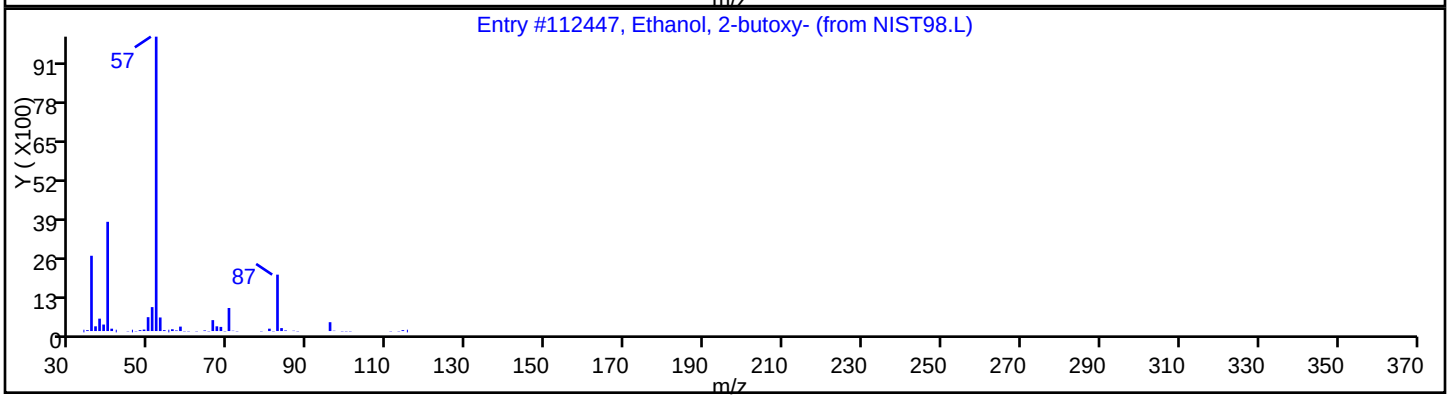
Client ID: Instrument: Inst. B

Sample Info: mb 360-49545/1-a

Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Ethanol, 2-butoxy-	111-76-2	NIST98.L	112447	91





Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

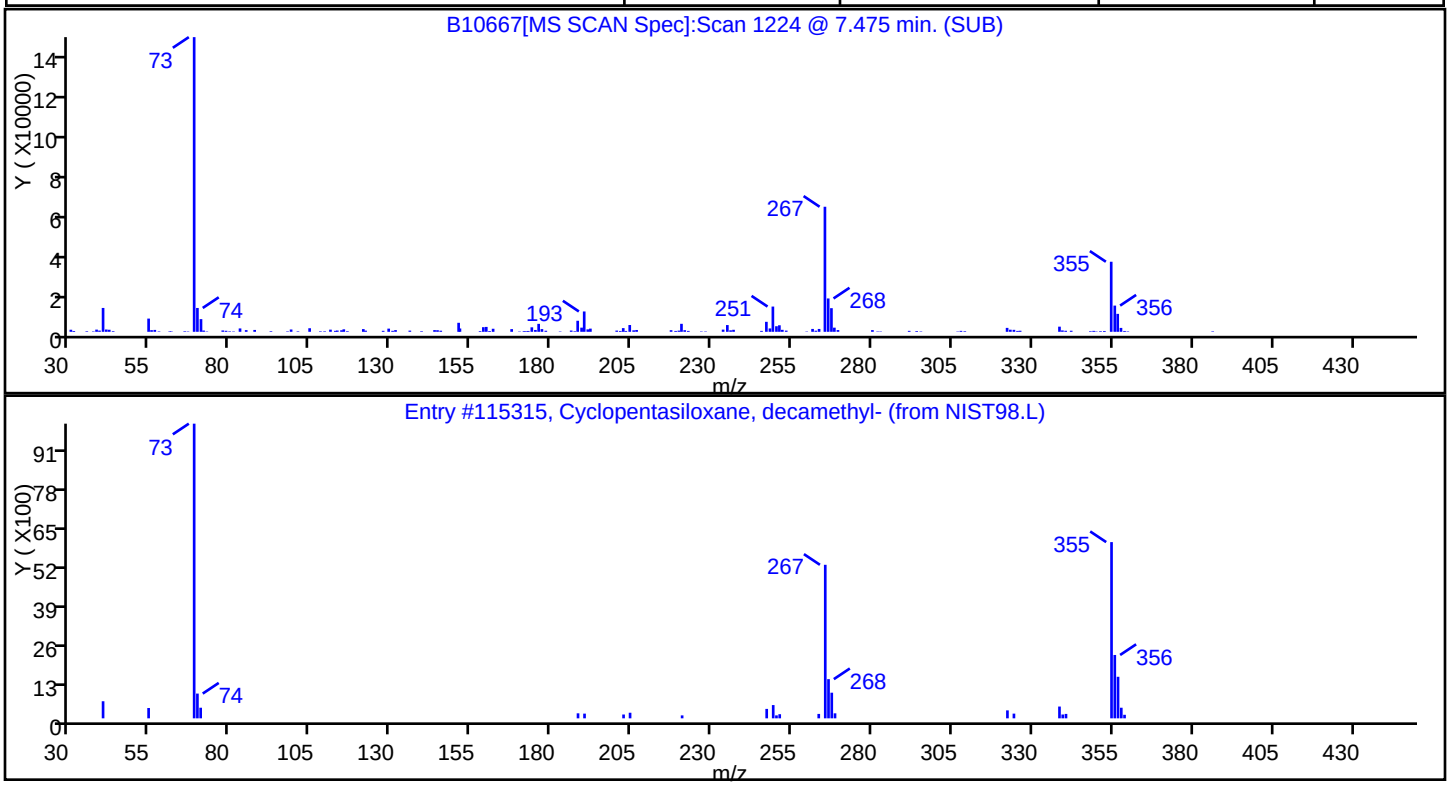
Lims Batch ID: 49705 Lims Sample ID: 12

Client ID: Instrument: Inst. B

Sample Info: mb 360-49545/1-a

Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Cyclopentasiloxane, decamethyl-	541-2-6	NIST98.L	115315	86



Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

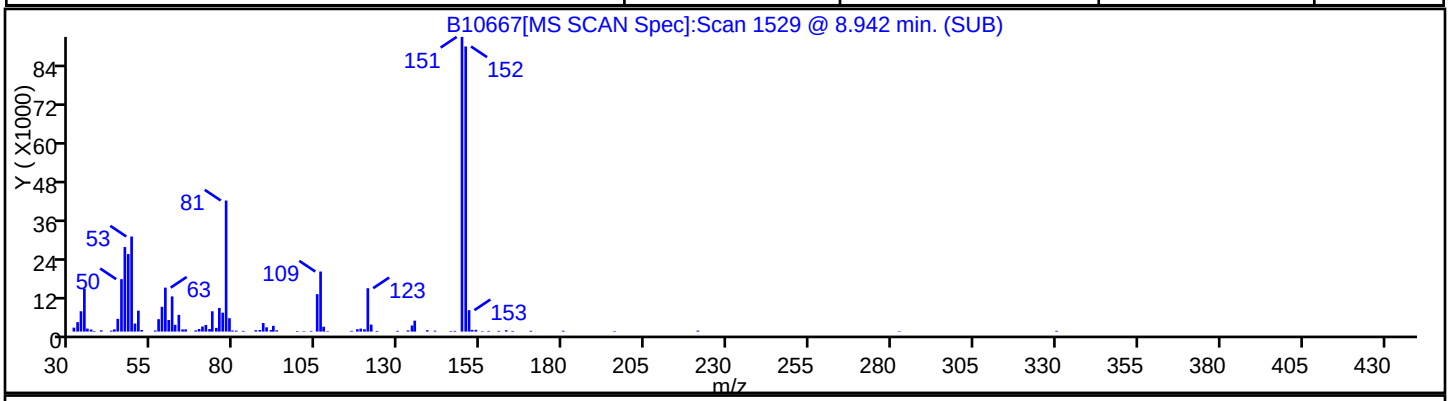
Lims Batch ID: 49705 Lims Sample ID: 12

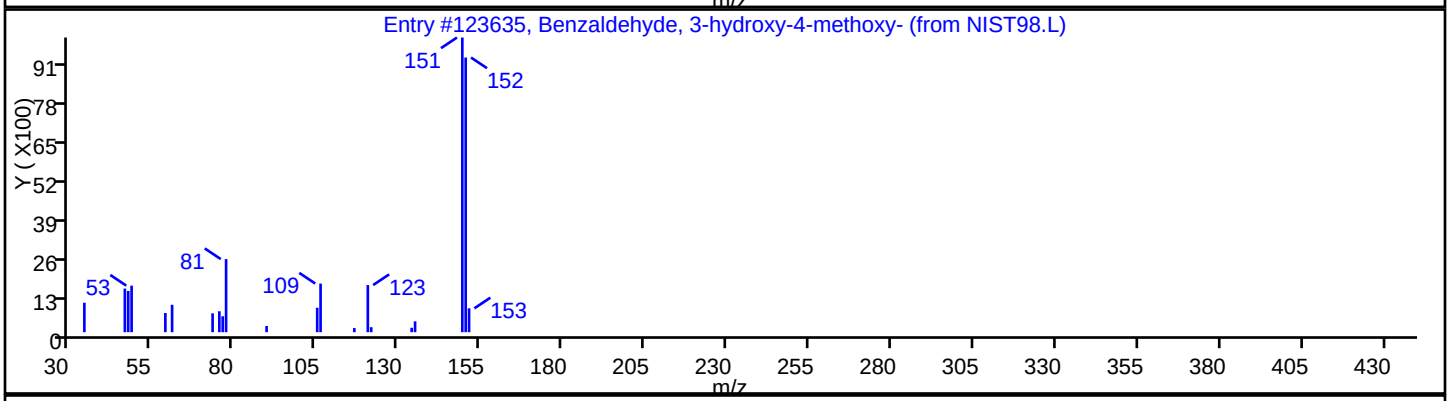
Client ID: Instrument: Inst. B

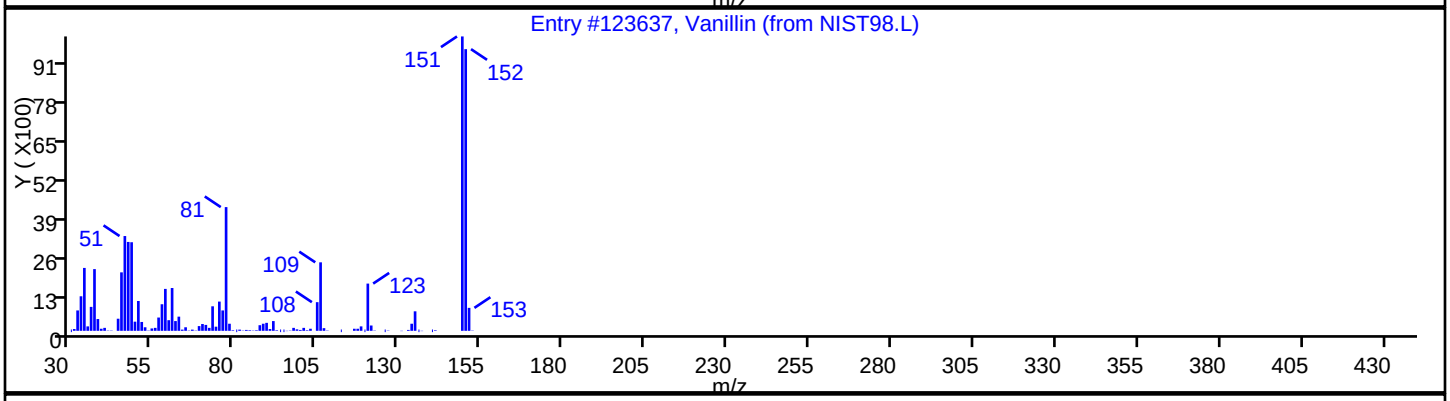
Sample Info: mb 360-49545/1-a

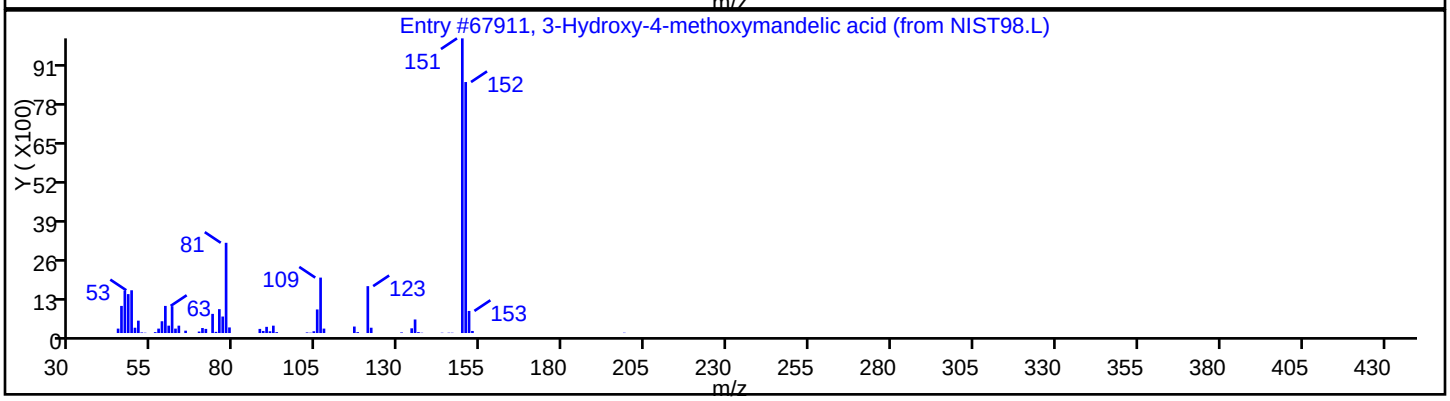
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Benzaldehyde, 3-hydroxy-4-methoxy-	621-59-0	NIST98.L	123635	97
Vanillin	121-33-5	NIST98.L	123637	95
3-Hydroxy-4-methoxymandelic acid	3695-24-7	NIST98.L	67911	91









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

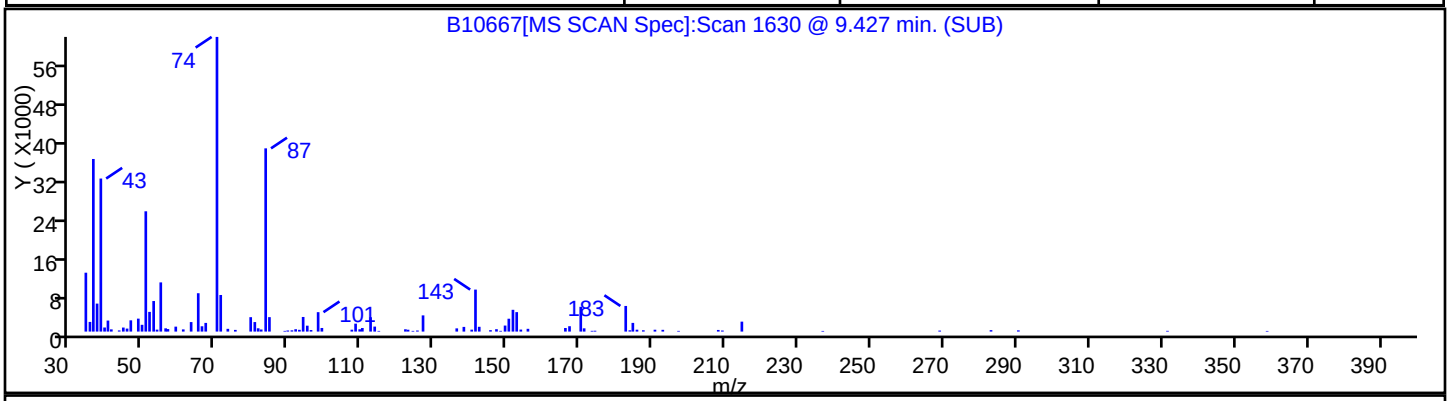
Lims Batch ID: 49705 Lims Sample ID: 12

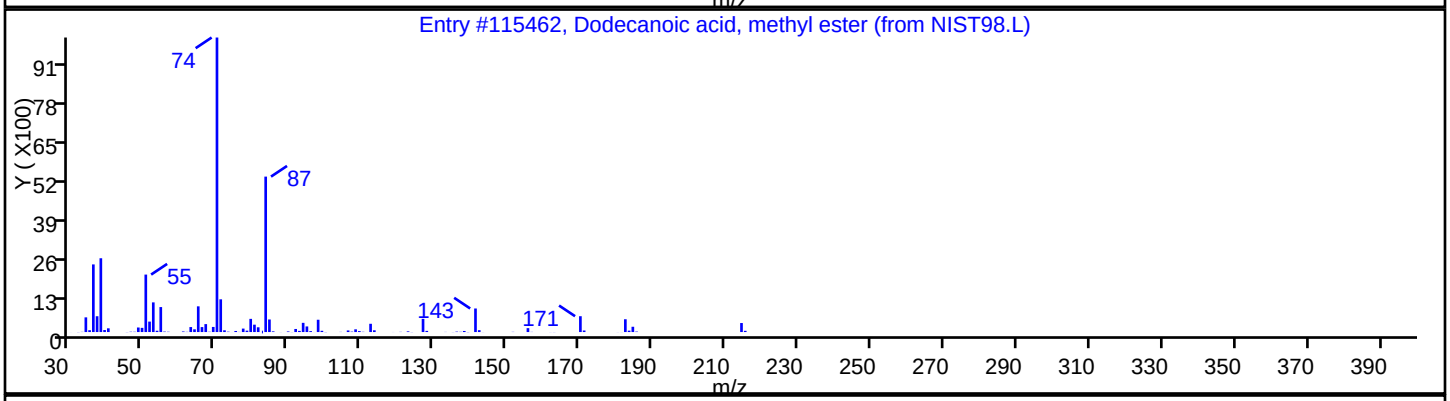
Client ID: Instrument: Inst. B

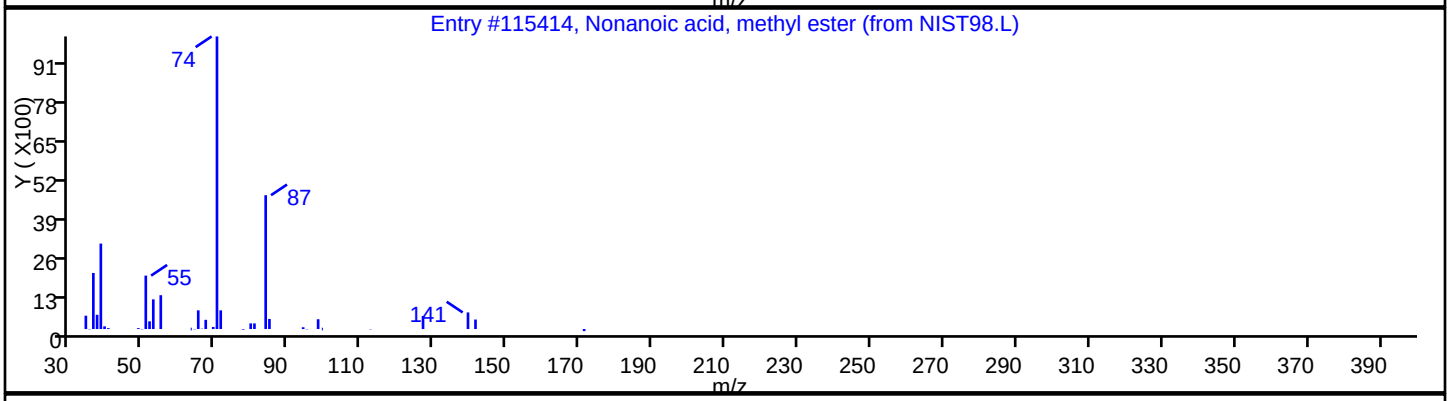
Sample Info: mb 360-49545/1-a

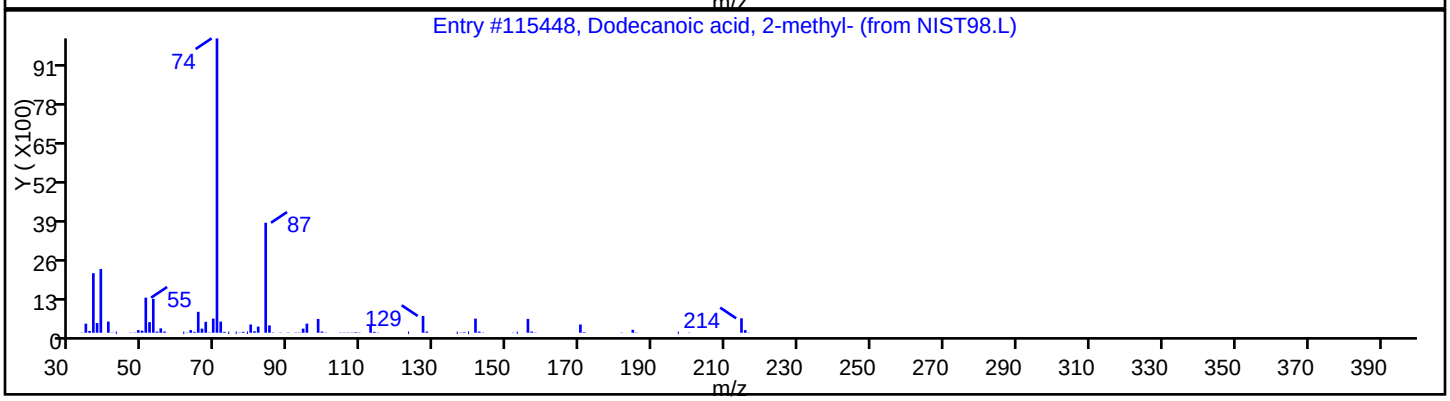
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Dodecanoic acid, methyl ester	111-82-0	NIST98.L	115462	93
Nonanoic acid, methyl ester	1731-84-6	NIST98.L	115414	81
Dodecanoic acid, 2-methyl-	2874-74-0	NIST98.L	115448	80









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

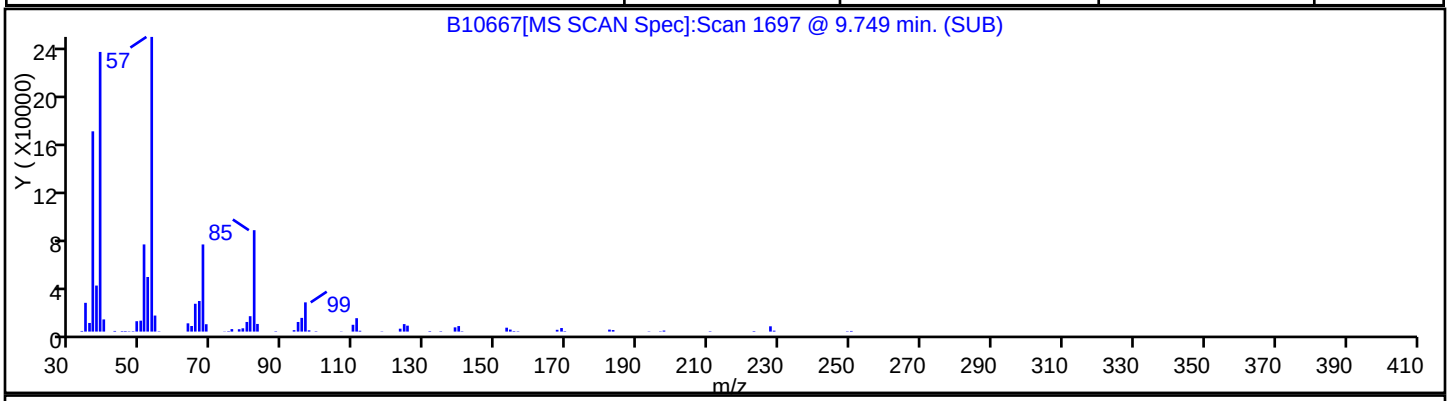
Lims Batch ID: 49705 Lims Sample ID: 12

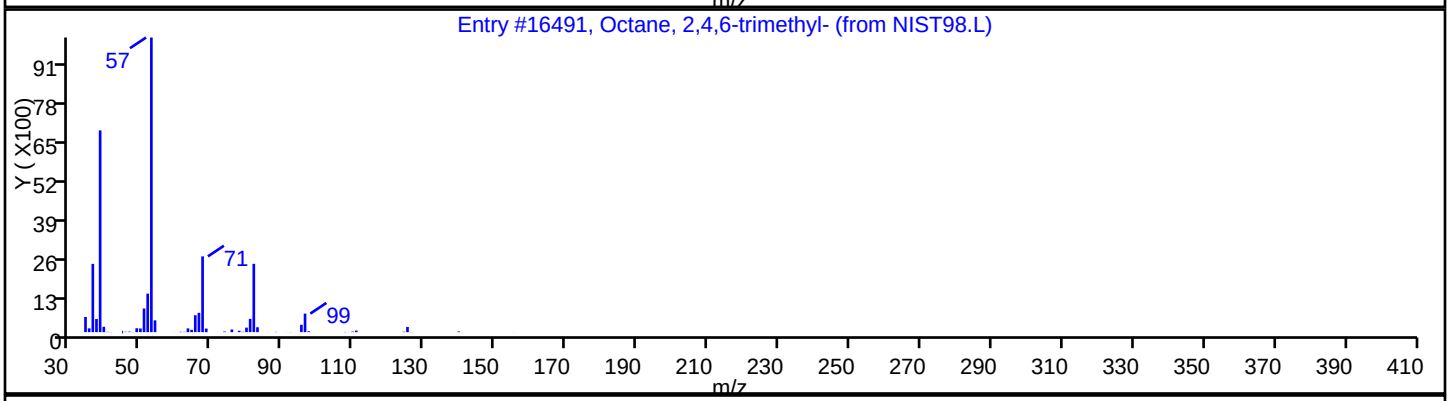
Client ID: Instrument: Inst. B

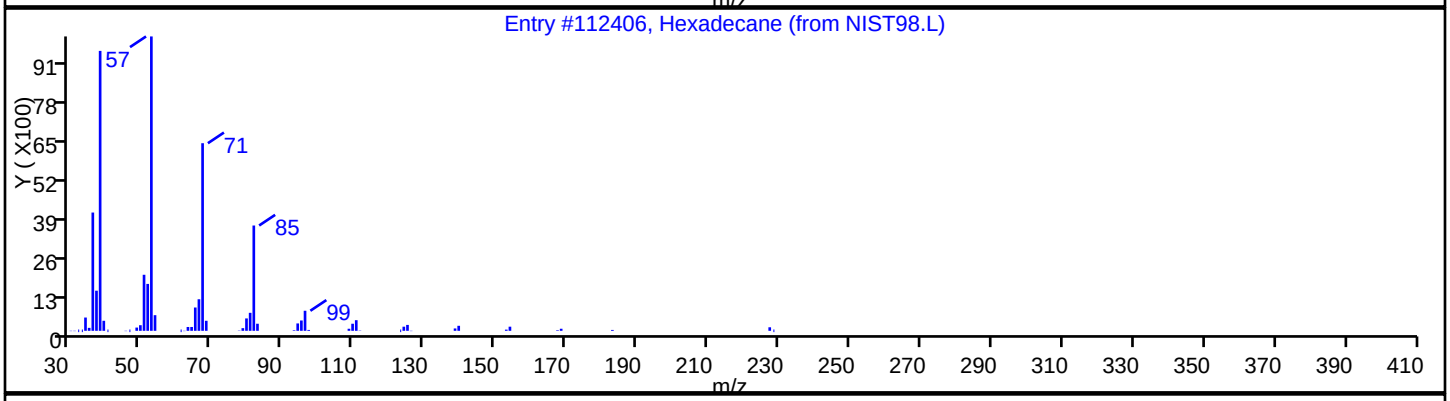
Sample Info: mb 360-49545/1-a

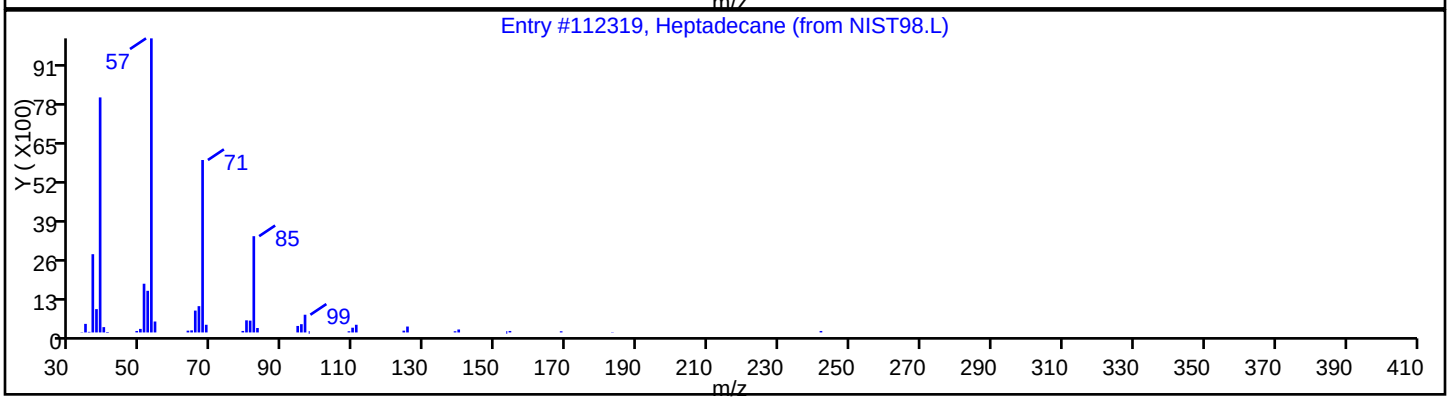
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octane, 2,4,6-trimethyl-	62016-37-9	NIST98.L	16491	90
Hexadecane	544-76-3	NIST98.L	112406	86
Heptadecane	629-78-7	NIST98.L	112319	72









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

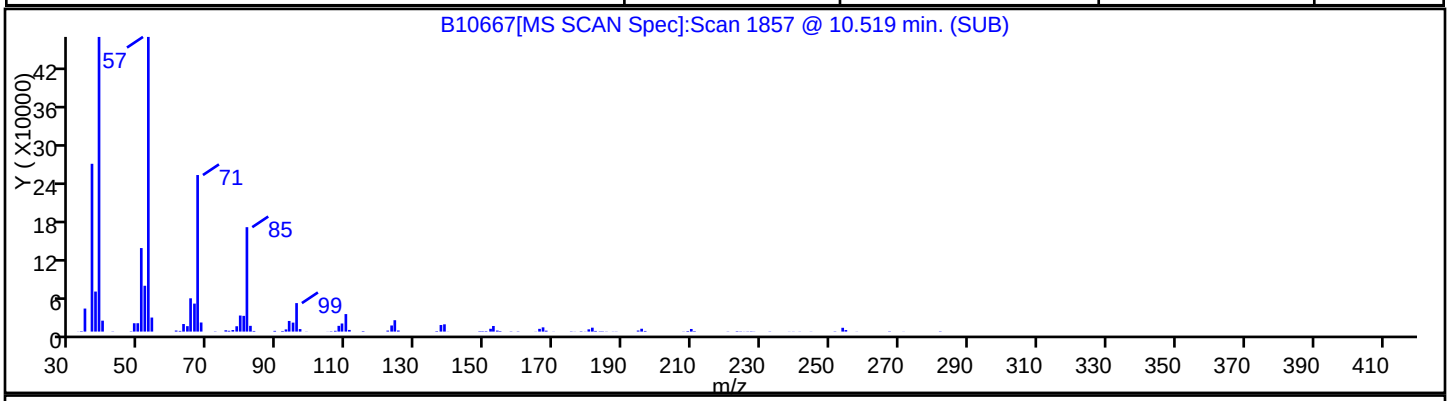
Lims Batch ID: 49705 Lims Sample ID: 12

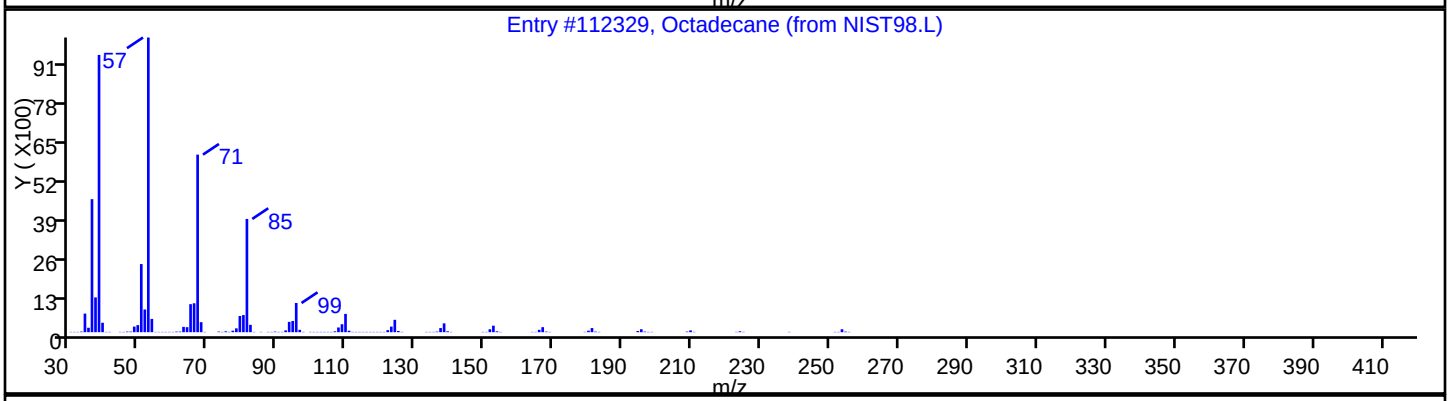
Client ID: Instrument: Inst. B

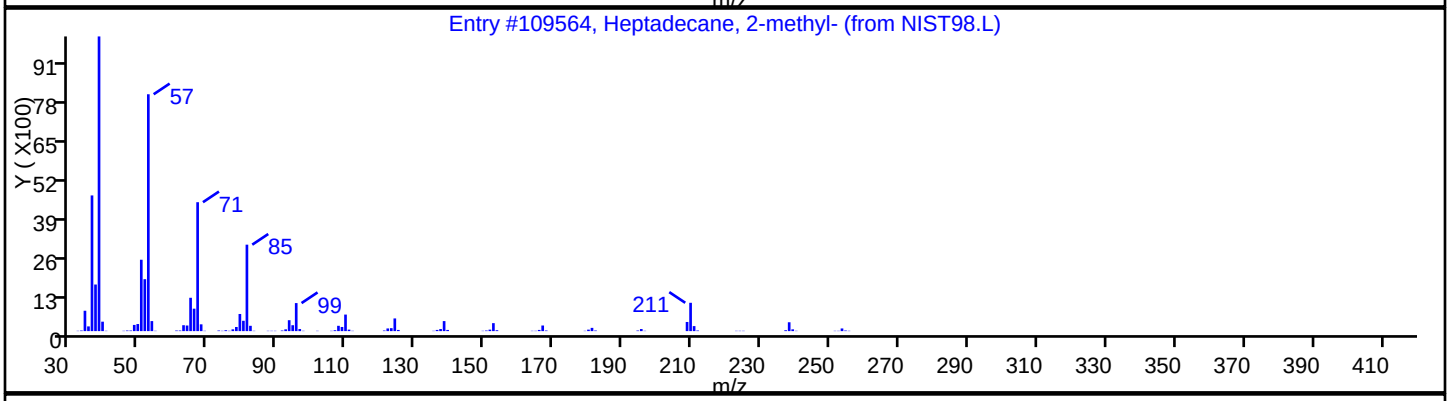
Sample Info: mb 360-49545/1-a

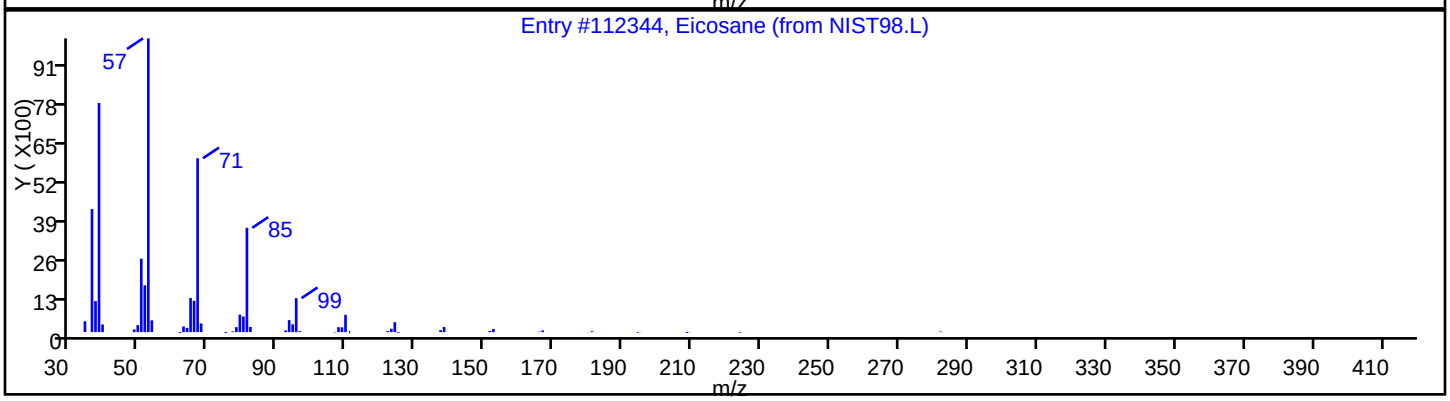
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Octadecane	593-45-3	NIST98.L	112329	98
Heptadecane, 2-methyl-	1560-89-0	NIST98.L	109564	93
Eicosane	112-95-8	NIST98.L	112344	91









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

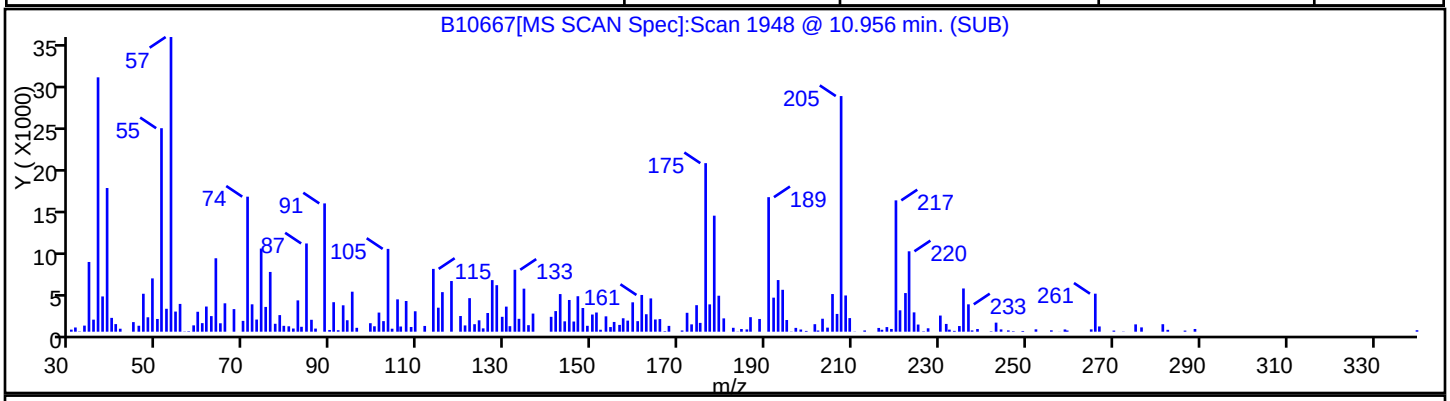
Lims Batch ID: 49705 Lims Sample ID: 12

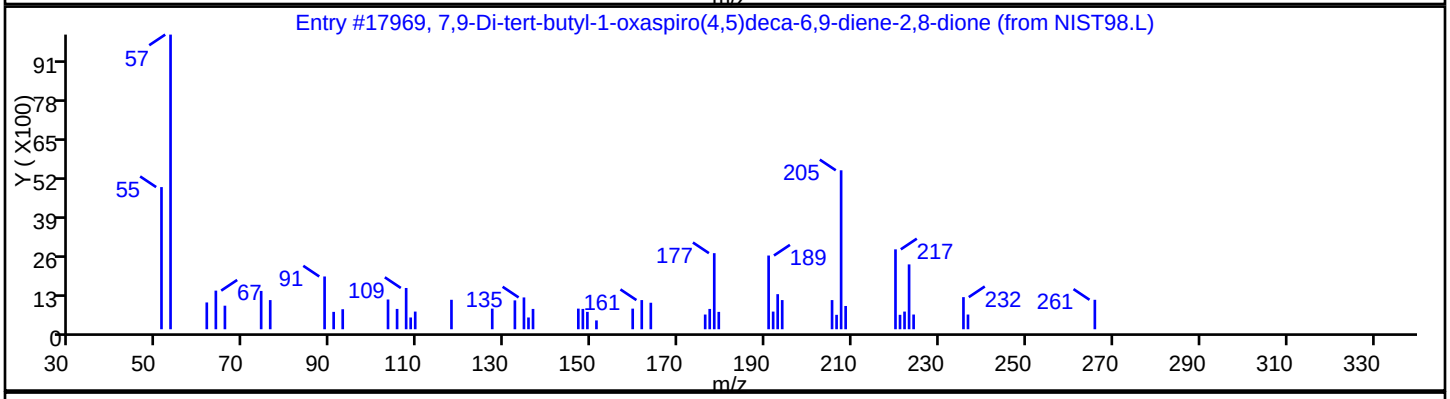
Client ID: Instrument: Inst. B

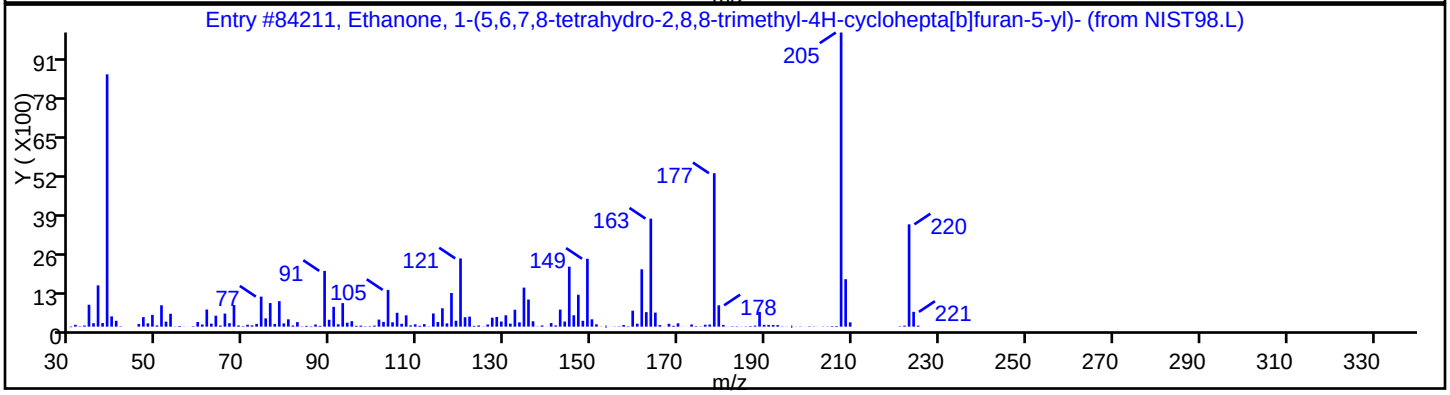
Sample Info: mb 360-49545/1-a

Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,	1000143-92-4	NIST98.L	17969	91
Ethanone, 1-(5,6,7,8-tetrahydro-2,8,8-tr	71596-88-8	NIST98.L	84211	50







Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

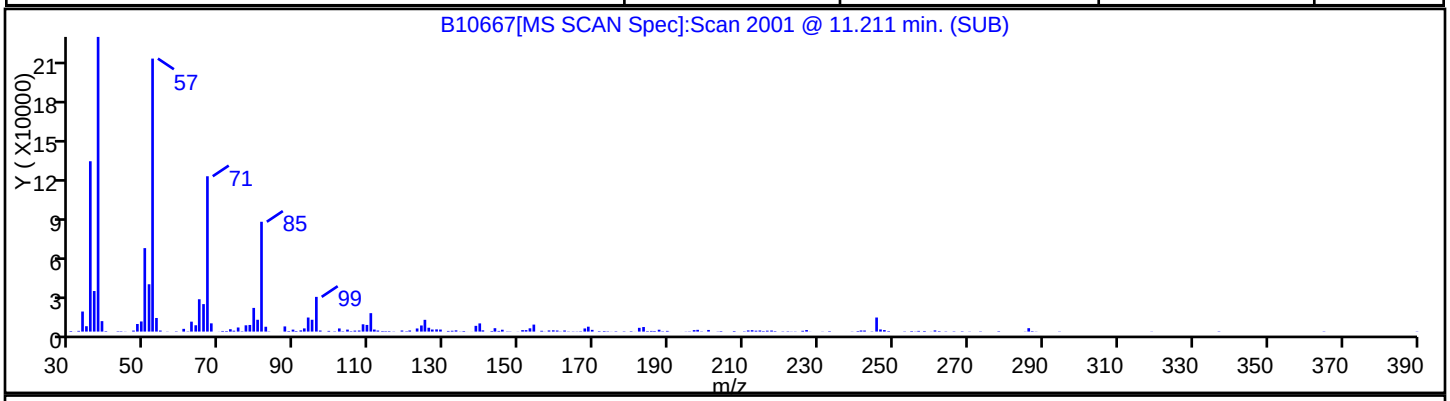
Lims Batch ID: 49705 Lims Sample ID: 12

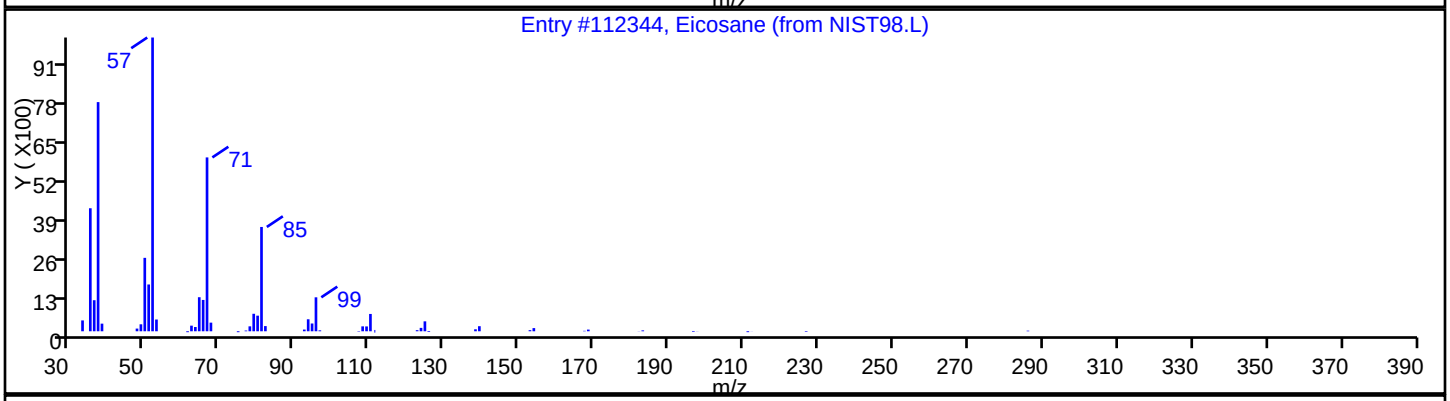
Client ID: Instrument: Inst. B

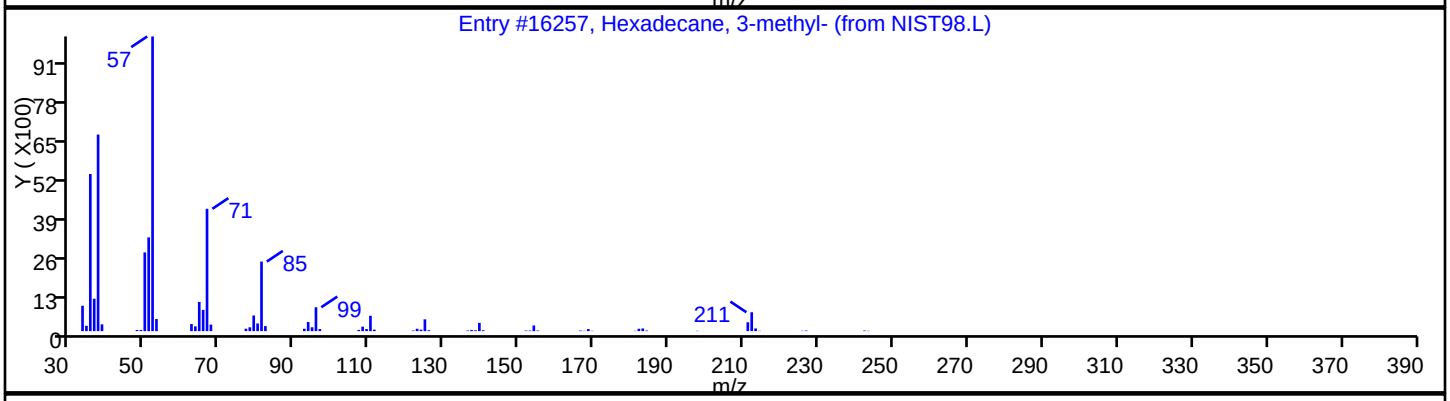
Sample Info: mb 360-49545/1-a

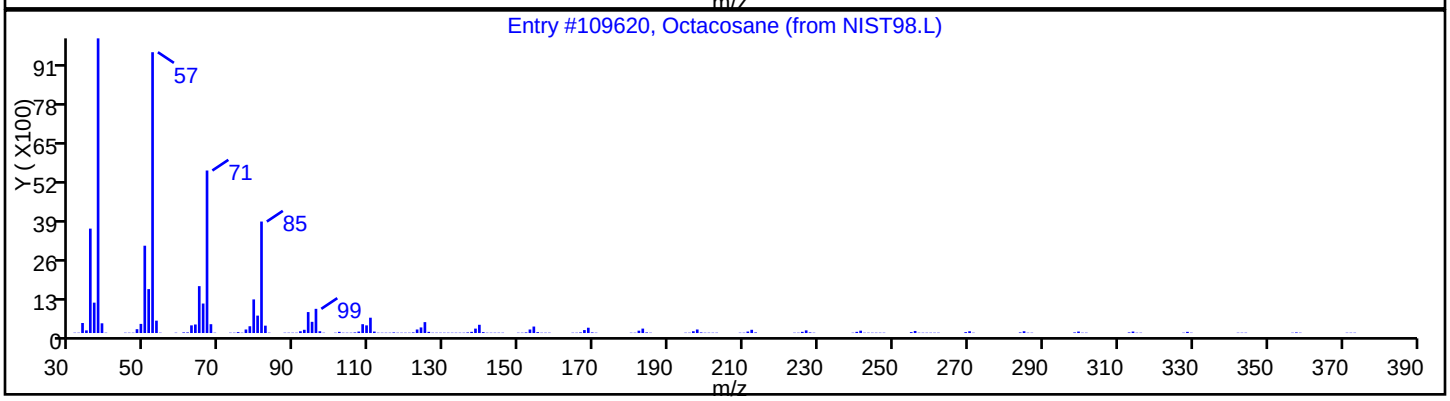
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Eicosane	112-95-8	NIST98.L	112344	97
Hexadecane, 3-methyl-	6418-43-5	NIST98.L	16257	93
Octacosane	630-2-4	NIST98.L	109620	90









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

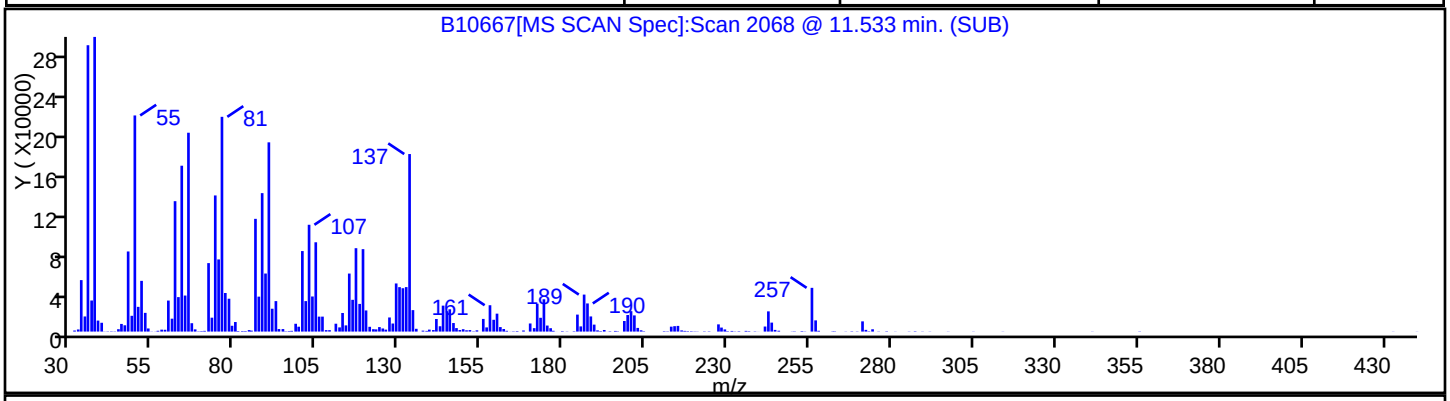
Lims Batch ID: 49705 Lims Sample ID: 12

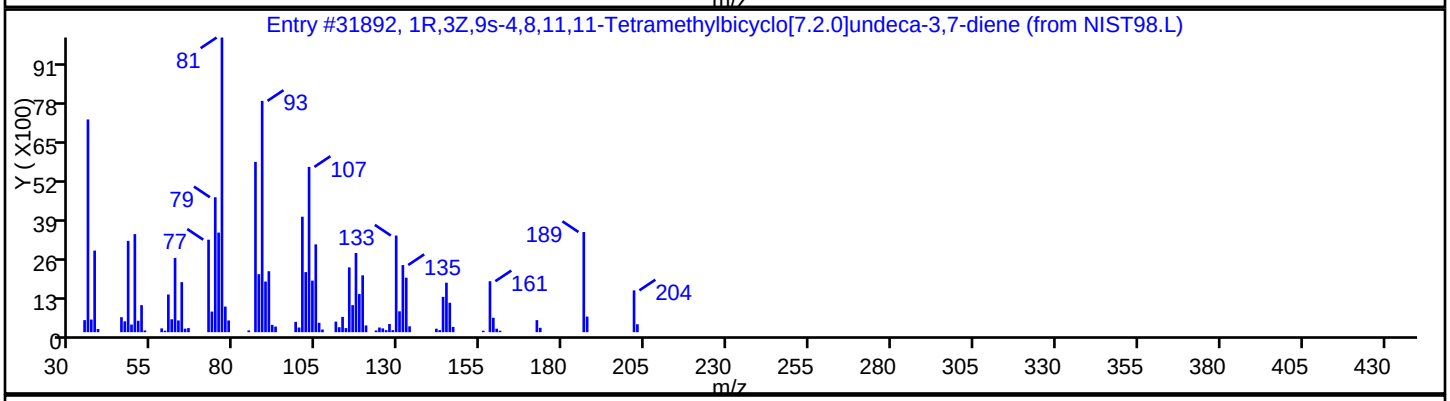
Client ID: Instrument: Inst. B

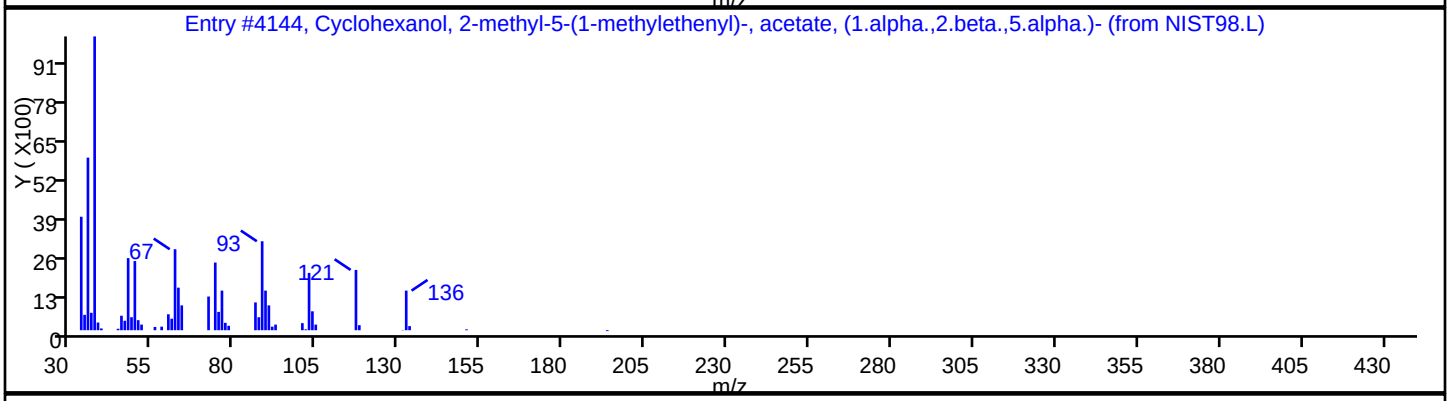
Sample Info: mb 360-49545/1-a

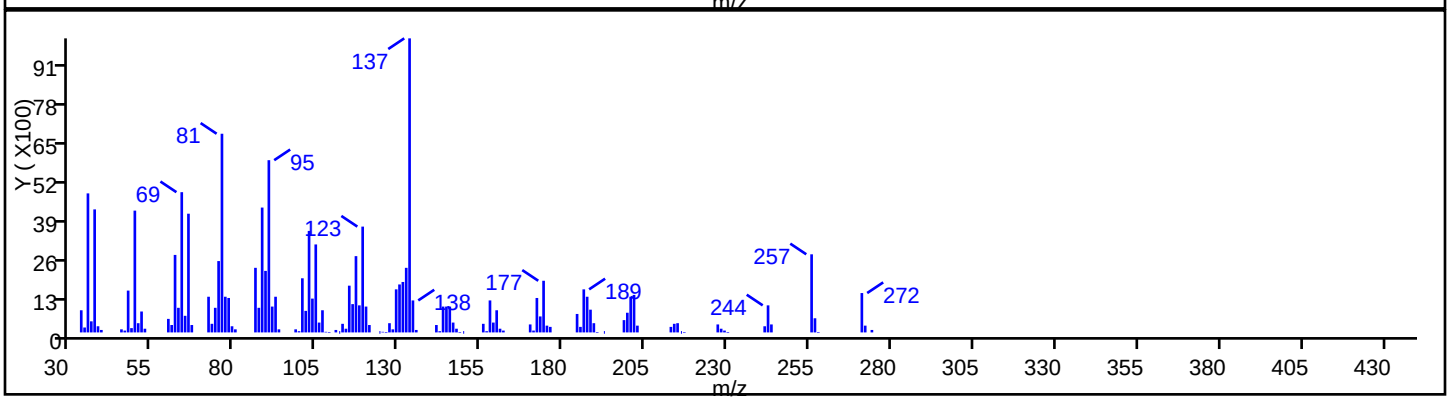
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
1R,3Z,9s-4,8,11,11-Tetramethylbicyclo[7.	1000140-7-4	NIST98.L	31892	95
Cyclohexanol, 2-methyl-5-(1-methyletheny	20777-49-5	NIST98.L	4144	89
1-Naphthalenepropanol, .alpha.-ethenylde	1438-62-6	NIST98.L	62236	76









Report Date: 05-Oct-2009 07:45:06 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10667.D

Inj Date: 01-Oct-2009 09:45:30 Limit Group: SMS - 8270LL SVOA Calibration

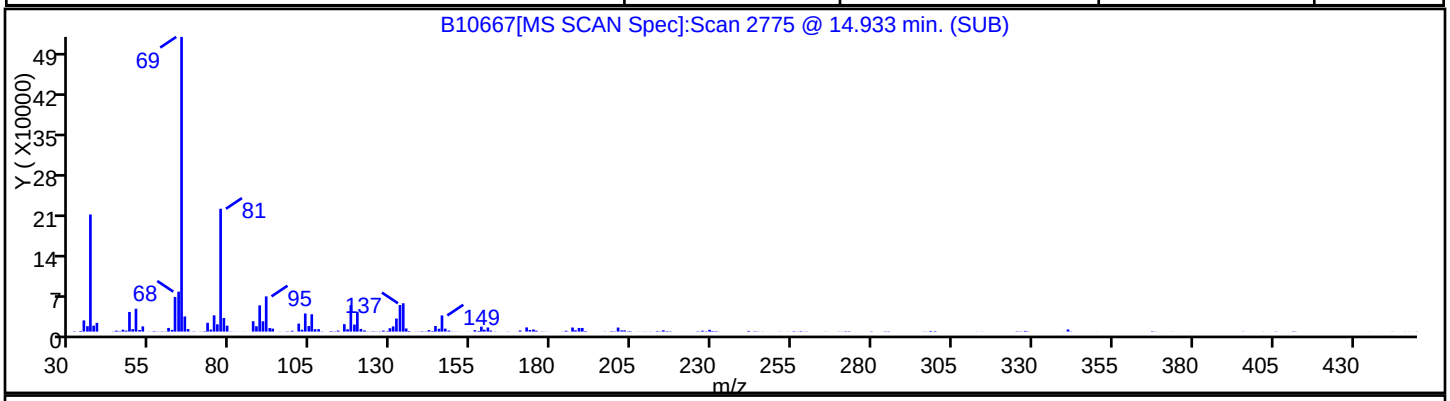
Lims Batch ID: 49705 Lims Sample ID: 12

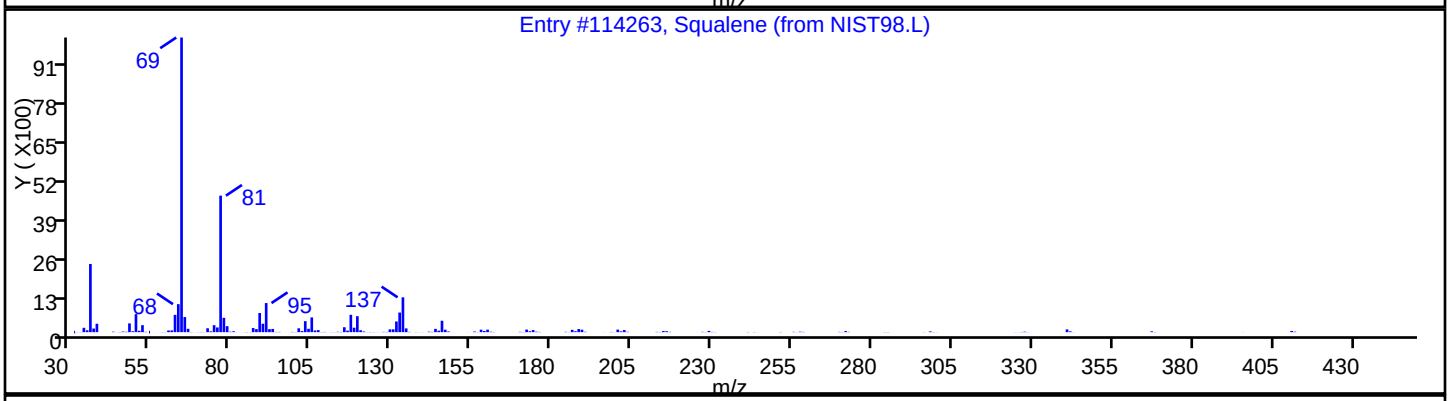
Client ID: Instrument: Inst. B

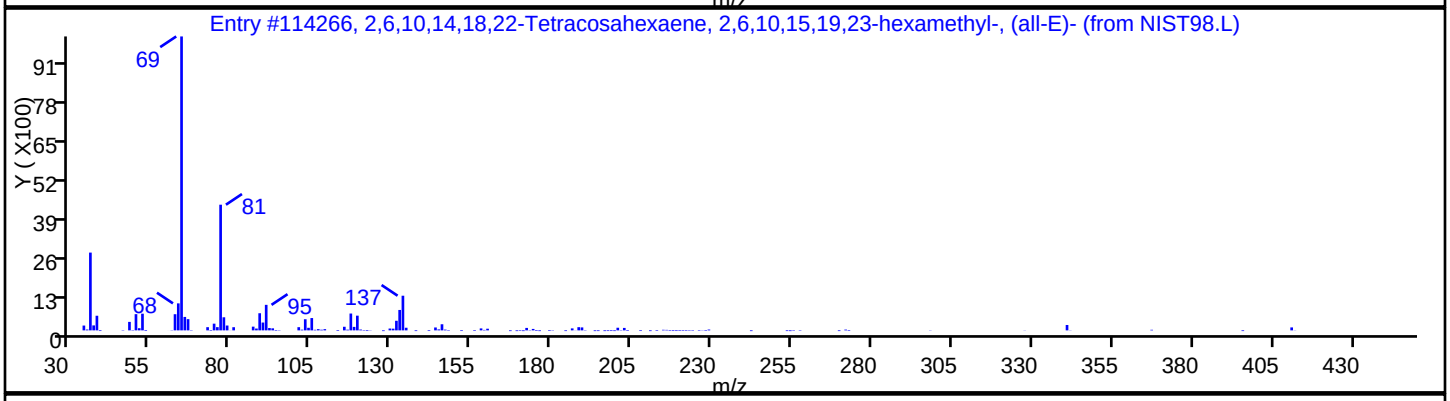
Sample Info: mb 360-49545/1-a

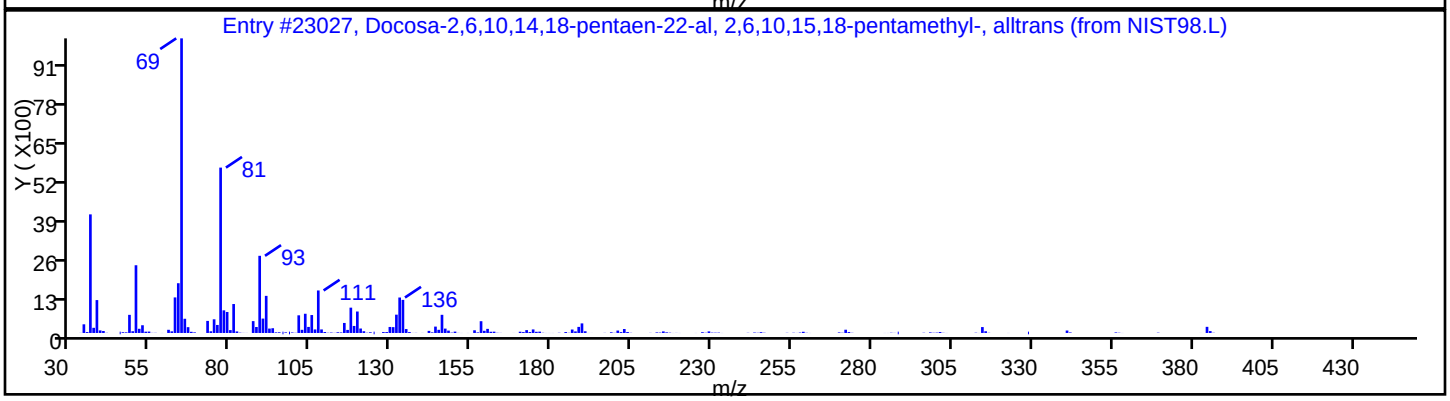
Sample Amount: 1.00 ul Operator: MZ

Library Search Compound Match	CAS Number	Library	Entry	Quality
Squalene	7683-64-9	NIST98.L	114263	91
2,6,10,14,18,22-Tetracosahexaene, 2,6,10	111-2-4	NIST98.L	114266	91
Docosa-2,6,10,14,18-pentaen-22-al, 2,6,1	1000163-4-7	NIST98.L	23027	83









FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCS 360-49545/2-A

Matrix: Solid | Lab File ID: B10668.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:13

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	266		33	10
95-94-3	1,2,4,5-Tetrachlorobenzene	252		33	10
120-82-1	1,2,4-Trichlorobenzene	223		33	10
95-50-1	1,2-Dichlorobenzene	195		33	10
541-73-1	1,3-Dichlorobenzene	189		33	10
106-46-7	1,4-Dichlorobenzene	187		33	10
90-12-0	1-Methylnaphthalene	234		33	10
108-60-1	2,2'-oxybis[1-chloropropane]	213		33	10
58-90-2	2,3,4,6-Tetrachlorophenol	256		33	10
95-95-4	2,4,5-Trichlorophenol	301		33	10
88-06-2	2,4,6-Trichlorophenol	308		33	10
120-83-2	2,4-Dichlorophenol	278		33	10
105-67-9	2,4-Dimethylphenol	300		33	13
51-28-5	2,4-Dinitrophenol	235		33	10
121-14-2	2,4-Dinitrotoluene	278		33	10
606-20-2	2,6-Dinitrotoluene	284		33	10
91-58-7	2-Chloronaphthalene	210		33	10
95-57-8	2-Chlorophenol	207		33	10
91-57-6	2-Methylnaphthalene	238		33	10
95-48-7	2-Methylphenol	215		33	20
88-74-4	2-Nitroaniline	318		170	10
88-75-5	2-Nitrophenol	266		33	10
15831-10-4	3 & 4 Methylphenol	252		33	10
91-94-1	3,3'-Dichlorobenzidine	276		67	10
99-09-2	3-Nitroaniline	288		170	10
534-52-1	4,6-Dinitro-2-methylphenol	282		170	10
101-55-3	4-Bromophenyl phenyl ether	273		33	10
59-50-7	4-Chloro-3-methylphenol	288		67	10
106-47-8	4-Chloroaniline	205		67	10
7005-72-3	4-Chlorophenyl phenyl ether	275		33	10
100-01-6	4-Nitroaniline	273		170	10
100-02-7	4-Nitrophenol	295		170	10
83-32-9	Acenaphthene	304		33	10
208-96-8	Acenaphthylene	255		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCS 360-49545/2-A

Matrix: Solid | Lab File ID: B10668.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:13

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	234		33	10
62-53-3	Aniline	100		33	10
120-12-7	Anthracene	345		33	10
1912-24-9	Atrazine	354		33	10
103-33-3	Azobenzene	278		33	10
100-52-7	Benzaldehyde	273		33	10
56-55-3	Benzo[a]anthracene	340		33	10
50-32-8	Benzo[a]pyrene	312		33	10
205-99-2	Benzo[b]fluoranthene	292		33	10
191-24-2	Benzo[g,h,i]perylene	325		33	10
207-08-9	Benzo[k]fluoranthene	332		33	10
65-85-0	Benzoic acid	250		170	15
119-61-9	Benzophenone	295		33	10
100-51-6	Benzyl alcohol	211		67	28
111-91-1	Bis(2-chloroethoxy)methane	244		33	10
111-44-4	Bis(2-chloroethyl)ether	199		33	10
117-81-7	Bis(2-ethylhexyl) phthalate	247		33	10
85-68-7	Butyl benzyl phthalate	295		33	10
105-60-2	Caprolactam	259		33	10
86-74-8	Carbazole	318		33	10
218-01-9	Chrysene	307		33	10
53-70-3	Dibenz(a,h)anthracene	368		33	10
132-64-9	Dibenzofuran	265		33	10
84-66-2	Diethyl phthalate	281		33	10
131-11-3	Dimethyl phthalate	275		33	10
84-74-2	Di-n-butyl phthalate	368		33	29
117-84-0	Di-n-octyl phthalate	243		33	17
101-84-8	Diphenyl oxide	254		33	10
206-44-0	Fluoranthene	317		33	10
86-73-7	Fluorene	329		33	10
118-74-1	Hexachlorobenzene	294		33	10
87-68-3	Hexachlorobutadiene	232		33	10
77-47-4	Hexachlorocyclopentadiene	217		67	10
67-72-1	Hexachloroethane	196		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCS 360-49545/2-A

Matrix: Solid | Lab File ID: B10668.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:13

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
193-39-5	Indeno[1,2,3-cd]pyrene	361		33	10
78-59-1	Isophorone	220		33	10
91-20-3	Naphthalene	242		80	10
98-95-3	Nitrobenzene	238		33	10
62-75-9	N-Nitrosodimethylamine	231		33	12
621-64-7	N-Nitrosodi-n-propylamine	243		33	10
86-30-6	N-Nitrosodiphenylamine	206		33	10
87-86-5	Pentachlorophenol	282		33	10
85-01-8	Phenanthrene	316		40	10
108-95-2	Phenol	227		33	10
129-00-0	Pyrene	290		33	10

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol	75	30-130	
321-60-8	2-Fluorobiphenyl	71	30-130	
367-12-4	2-Fluorophenol	69	30-130	
4165-60-0	Nitrobenzene-d5	67	30-130	
4165-62-2	Phenol-d5	62	30-130	
1718-51-0	Terphenyl-d14	67	30-130	

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10668.D		
Lims ID:	LCS 360-49545/2-A	Client ID:	
Inject. Date:	01-Oct-2009 10:13:30	Dil. Factor:	1.0000
Sample Type:	LCS, Lab Control Sample		
Sample ID:	lcs 360-49545/2-a		
Misc. Info.:	360-0001341-013		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	13
Lims Batch ID:	49705	Lims Sample ID:	13
Detector:	MS SCAN		

Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		

Reviewed By:	sullivanp	Date:	02-Oct-2009 16:47:53
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:22:34
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:45:21

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.782	6.784	-0.002	593596	2.00	
* 2 Naphthalene-d8	136	7.917	7.919	-0.002	1189905	2.00	
* 3 Acenaphthene-d10	164	9.403	9.405	-0.002	553935	2.00	
* 4 Phenanthrene-d10	188	10.643	10.645	-0.002	923554	2.00	
* 5 Chrysene-d12	240	13.144	13.136	0.008	949351	2.00	
* 6 Perylene-d12	264	15.702	15.699	0.003	684787	2.00	
$ 7 2-Fluorophenol	112	5.455	5.404	0.051	1009526	6.89	
$ 8 Phenol-d5	99	6.455	6.447	0.008	1215216	6.21	
$ 9 Nitrobenzene-d5	82	7.292	7.294	-0.002	574445	3.34	
$ 10 2-Fluorobiphenyl	172	8.830	8.832	-0.002	1146232	3.53	
$ 11 2,4,6-Tribromophenol	330	10.062	10.063	-0.001	246744	7.49	
$ 12 Terphenyl-d14	244	11.961	11.963	-0.002	971542	3.37	
14 1,4-Dioxane	88	2.589	2.403	0.186	236788	4.84	M
15 N-Nitrosodimethylamine	42	3.041	2.894	0.147	856644	6.94	M
16 Pyridine	79	3.084	2.898	0.186	740410	5.57	M
17 Benzaldehyde	105	6.359	6.365	-0.006	798293	8.18	
18 Phenol	94	6.469	6.457	0.012	1428655	6.82	
19 Aniline	93	6.469	6.476	-0.007	735044	3.01	
20 Bis(2-chloroethyl)ether	93	6.541	6.543	-0.002	918188	5.96	
21 2-Chlorophenol	128	6.585	6.582	0.003	1106198	6.21	
22 1,4-Dichlorobenzene	146	6.724	6.726	-0.002	1211045	5.60	
23 1,3-Dichlorobenzene	146	6.796	6.798	-0.002	1273798	5.66	
24 Benzyl alcohol	79	6.921	6.918	0.003	932059	6.32	
25 1,2-Dichlorobenzene	146	6.936	6.938	-0.002	1212747	5.84	
26 2-Methylphenol	108	7.027	7.019	0.008	1017205	6.45	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.042	7.044	-0.002	1883808	6.39	
28 3 & 4 Methylphenol	108	7.162	7.159	0.003	1247904	7.56	
30 Acetophenone	105	7.157	7.159	-0.002	1656518	7.02	
29 N-Nitrosodi-n-propylamine	70	7.162	7.164	-0.002	894992	7.30	
31 Hexachloroethane	117	7.244	7.245	-0.001	485786	5.87	
32 Nitrobenzene	77	7.306	7.308	-0.002	1223556	7.13	
33 Isophorone	82	7.518	7.520	-0.002	1771095	6.61	
34 2-Nitrophenol	139	7.590	7.587	0.003	620941	7.99	
35 2,4-Dimethylphenol	107	7.623	7.621	0.002	1265250	9.00	
36 Benzoic acid	105	7.720	7.702	0.018	704043	7.51	
37 Bis(2-chloroethoxy)methane	93	7.705	7.702	0.003	1175168	7.33	
38 2,4-Dichlorophenol	162	7.797	7.794	0.003	1016502	8.35	
39 1,2,4-Trichlorobenzene	180	7.869	7.871	-0.002	960177	6.69	
41 Naphthalene	128	7.936	7.938	-0.002	3335155	7.26	
40 Alpha-Terpineol	59	7.941	7.943	-0.002	1089866	7.72	
42 4-Chloroaniline	127	7.984	7.981	0.003	1116025	6.16	
43 Hexachlorobutadiene	225	8.042	8.044	-0.002	533488	6.97	
44 Caprolactam	55	8.287	8.275	0.012	537016	7.78	
45 4-Chloro-3-methylphenol	107	8.388	8.390	-0.002	1111380	8.63	
46 2-Methylnaphthalene	142	8.528	8.525	0.003	2235149	7.14	
47 1-Methylnaphthalene	142	8.609	8.611	-0.002	2109446	7.01	
48 Hexachlorocyclopentadiene	237	8.657	8.659	-0.002	419203	6.52	
49 1,2,4,5-Tetrachlorobenzene	216	8.667	8.669	-0.002	933976	7.55	
50 2,4,6-Trichlorophenol	196	8.763	8.760	0.003	706129	9.24	
51 2,4,5-Trichlorophenol	196	8.797	8.794	0.003	723620	9.03	
52 1,1'-Biphenyl	154	8.917	8.919	-0.002	2754804	7.97	
53 2-Chloronaphthalene	162	8.936	8.938	-0.002	2074510	6.31	
54 Phenyl ether	170	9.004	9.001	0.003	1445215	7.61	
68 4-Nitroaniline	138	9.018	9.020	-0.002	833525	8.18	
56 Dimethyl phthalate	163	9.162	9.164	-0.002	2545352	8.25	
57 2,6-Dinitrotoluene	165	9.220	9.217	0.003	582426	8.53	
58 Acenaphthylene	152	9.287	9.289	-0.002	3195837	7.64	
59 3-Nitroaniline	138	9.359	9.361	-0.002	594027	8.64	
61 Acenaphthene	153	9.432	9.433	-0.001	2611344	9.12	
60 2,4-Dinitrophenol	184	9.446	9.448	-0.002	260830	7.05	
62 4-Nitrophenol	109	9.489	9.486	0.003	473012	8.86	
63 2,4-Dinitrotoluene	165	9.557	9.554	0.003	781570	8.34	
64 Dibenzofuran	168	9.576	9.573	0.003	2961905	7.94	
65 2,3,4,6-Tetrachlorophenol	232	9.677	9.674	0.003	510599	7.69	
66 Diethyl phthalate	149	9.749	9.746	0.003	2778990	8.43	
67 4-Chlorophenyl phenyl ether	204	9.850	9.852	-0.002	1184864	8.25	
69 Fluorene	166	9.860	9.861	-0.001	3158807	9.88	
55 2-Nitroaniline	65	9.874	9.871	0.003	804033	9.55	
70 4,6-Dinitro-2-methylphenol	198	9.898	9.895	0.003	402828	8.47	
72 N-Nitrosodiphenylamine	169	9.951	9.948	0.003	1612992	6.19	
73 1,2-Diphenylhydrazine	77	9.985	9.987	-0.001	4283264	8.34	
74 Azobenzene	77	9.985	9.987	-0.001	4283264	8.34	
13 Benzophenone	105	9.994	9.996	-0.002	2571957	8.84	
75 4-Bromophenyl phenyl ether	248	10.259	10.261	-0.002	603588	8.19	
76 Hexachlorobenzene	284	10.326	10.323	0.003	598348	8.81	
77 Atrazine	200	10.389	10.386	0.003	735214	10.6	
78 Pentachlorophenol	266	10.485	10.487	-0.002	371662	8.47	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.499	10.496	0.003	333442	8.26	
80 Phenanthrene	178	10.667	10.665	0.002	3883558	9.47	
81 Anthracene	178	10.711	10.708	0.003	4012358	10.3	
83 Carbazole	167	10.836	10.833	0.003	3284901	9.55	
84 Di-n-butyl phthalate	149	11.105	11.102	0.003	5355025	11.0	
87 Fluoranthene	202	11.658	11.655	0.003	3623040	9.52	
86 Benzidine	184	11.754	11.766	-0.012	18806	0.6008	
85 Pyrene	202	11.850	11.848	0.002	4232214	8.69	
89 Butyl benzyl phthalate	149	12.418	12.415	0.003	2060827	8.86	
91 3,3'-Dichlorobenzidine	252	13.086	13.079	0.007	817071	8.29	
93 Benzo[a]anthracene	228	13.130	13.127	0.003	3816501	10.2	
92 Bis(2-ethylhexyl) phthalate	149	13.130	13.131	-0.001	3370941	7.42	
94 Chrysene	228	13.182	13.180	0.002	3244794	9.21	
95 Di-n-octyl phthalate	149	14.293	14.290	0.003	4445291	7.29	
97 Benzo[b]fluoranthene	252	15.101	15.093	0.008	2994579	8.77	
98 Benzo[k]fluoranthene	252	15.154	15.142	0.012	2961477	9.97	
99 Benzo[a]pyrene	252	15.630	15.627	0.003	2660422	9.37	
100 Indeno[1,2,3-cd]pyrene	276	17.155	17.142	0.013	2263963	10.8	
101 Dibenz(a,h)anthracene	278	17.183	17.176	0.007	1831334	11.0	
102 Benzo[g,h,i]perylene	276	17.563	17.551	0.012	1799731	9.74	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Oct-2009 07:45:23 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10668.D

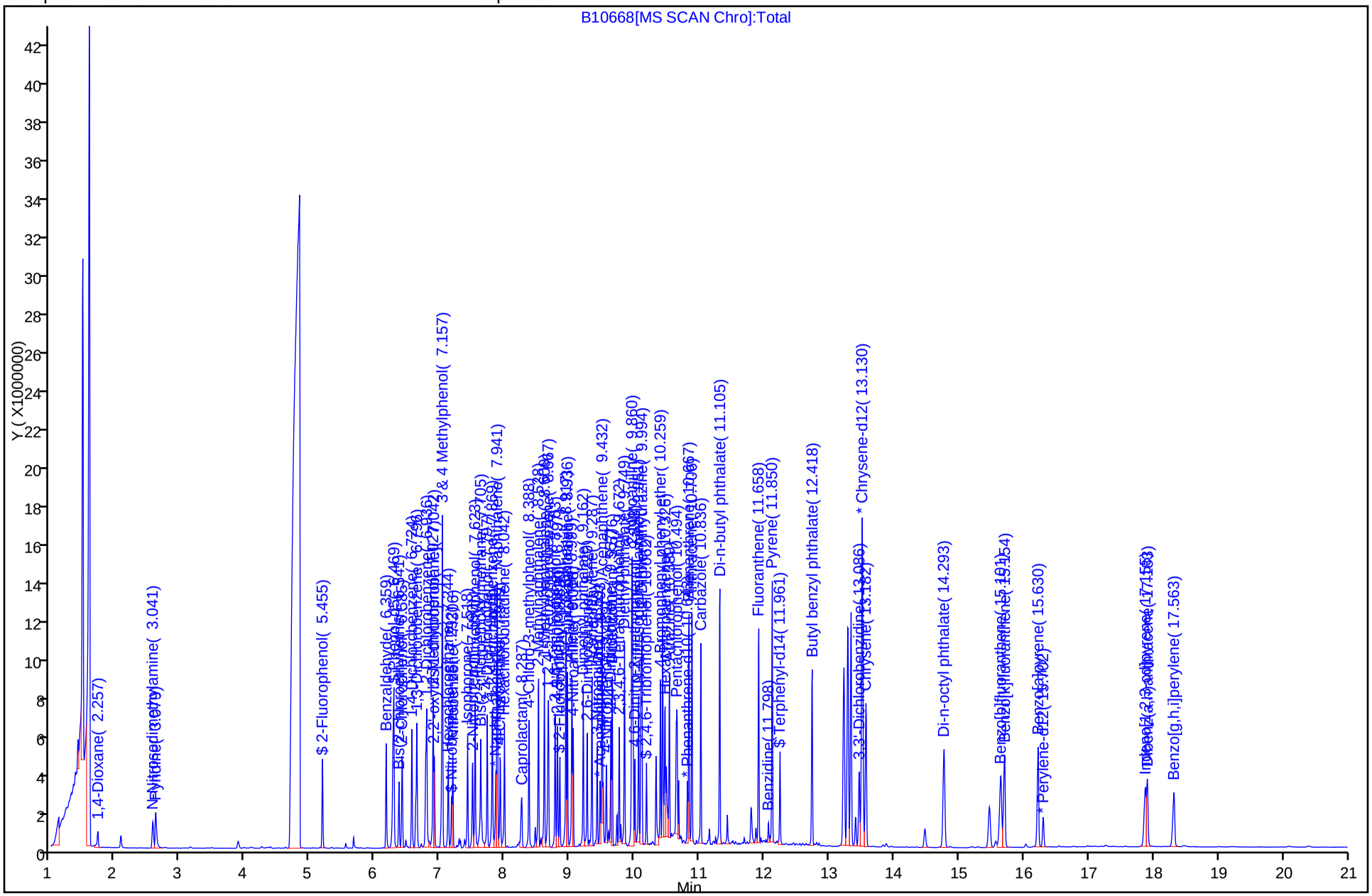
Inj Date: 01-Oct-2009 10:13:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 13

Client ID: Instrument: Inst. B

Sample Info: lcs 360-49545/2-a

Sample Amount: 1.00 ul Operator: MZ



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCSD 360-49545/3-A

Matrix: Solid | Lab File ID: B10669.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:41

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	281		33	10
95-94-3	1,2,4,5-Tetrachlorobenzene	251		33	10
120-82-1	1,2,4-Trichlorobenzene	230		33	10
95-50-1	1,2-Dichlorobenzene	199		33	10
541-73-1	1,3-Dichlorobenzene	189		33	10
106-46-7	1,4-Dichlorobenzene	189		33	10
90-12-0	1-Methylnaphthalene	244		33	10
108-60-1	2,2'-oxybis[1-chloropropane]	219		33	10
58-90-2	2,3,4,6-Tetrachlorophenol	258		33	10
95-95-4	2,4,5-Trichlorophenol	300		33	10
88-06-2	2,4,6-Trichlorophenol	319		33	10
120-83-2	2,4-Dichlorophenol	280		33	10
105-67-9	2,4-Dimethylphenol	305		33	13
51-28-5	2,4-Dinitrophenol	239		33	10
121-14-2	2,4-Dinitrotoluene	279		33	10
606-20-2	2,6-Dinitrotoluene	294		33	10
91-58-7	2-Chloronaphthalene	216		33	10
95-57-8	2-Chlorophenol	211		33	10
91-57-6	2-Methylnaphthalene	244		33	10
95-48-7	2-Methylphenol	227		33	20
88-74-4	2-Nitroaniline	313		170	10
88-75-5	2-Nitrophenol	275		33	10
15831-10-4	3 & 4 Methylphenol	259		33	10
91-94-1	3,3'-Dichlorobenzidine	280		67	10
99-09-2	3-Nitroaniline	293		170	10
534-52-1	4,6-Dinitro-2-methylphenol	278		170	10
101-55-3	4-Bromophenyl phenyl ether	276		33	10
59-50-7	4-Chloro-3-methylphenol	290		67	10
106-47-8	4-Chloroaniline	201		67	10
7005-72-3	4-Chlorophenyl phenyl ether	285		33	10
100-01-6	4-Nitroaniline	282		170	10
100-02-7	4-Nitrophenol	289		170	10
83-32-9	Acenaphthene	315		33	10
208-96-8	Acenaphthylene	257		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCSD 360-49545/3-A

Matrix: Solid | Lab File ID: B10669.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:41

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
98-86-2	Acetophenone	236		33	10
62-53-3	Aniline	102		33	10
120-12-7	Anthracene	333		33	10
1912-24-9	Atrazine	358		33	10
103-33-3	Azobenzene	280		33	10
100-52-7	Benzaldehyde	286		33	10
56-55-3	Benzo[a]anthracene	340		33	10
50-32-8	Benzo[a]pyrene	311		33	10
205-99-2	Benzo[b]fluoranthene	298		33	10
191-24-2	Benzo[g,h,i]perylene	312		33	10
207-08-9	Benzo[k]fluoranthene	336		33	10
65-85-0	Benzoic acid	179		170	15
119-61-9	Benzophenone	302		33	10
100-51-6	Benzyl alcohol	200		67	28
111-91-1	Bis(2-chloroethoxy)methane	250		33	10
111-44-4	Bis(2-chloroethyl)ether	204		33	10
117-81-7	Bis(2-ethylhexyl) phthalate	244		33	10
85-68-7	Butyl benzyl phthalate	295		33	10
105-60-2	Caprolactam	273		33	10
86-74-8	Carbazole	309		33	10
218-01-9	Chrysene	298		33	10
53-70-3	Dibenz(a,h)anthracene	356		33	10
132-64-9	Dibenzofuran	269		33	10
84-66-2	Diethyl phthalate	283		33	10
131-11-3	Dimethyl phthalate	279		33	10
84-74-2	Di-n-butyl phthalate	373		33	29
117-84-0	Di-n-octyl phthalate	257		33	17
101-84-8	Diphenyl oxide	263		33	10
206-44-0	Fluoranthene	311		33	10
86-73-7	Fluorene	332		33	10
118-74-1	Hexachlorobenzene	293		33	10
87-68-3	Hexachlorobutadiene	233		33	10
77-47-4	Hexachlorocyclopentadiene	210		67	10
67-72-1	Hexachloroethane	200		33	10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Westfield | Job No.: 360-24665-2

SDG No.: OCRI-17A

Client Sample ID: | Lab Sample ID: LCSD 360-49545/3-A

Matrix: Solid | Lab File ID: B10669.D

Analysis Method: 8270C LL | Date Collected:

Extract. Method: 3546 | Date Extracted: 09/28/2009 10:51

Sample wt/vol: 30.00(g) | Date Analyzed: 10/01/2009 10:41

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1.0(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 49705 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
193-39-5	Indeno[1,2,3-cd]pyrene	344		33	10
78-59-1	Isophorone	225		33	10
91-20-3	Naphthalene	245		80	10
98-95-3	Nitrobenzene	244		33	10
62-75-9	N-Nitrosodimethylamine	231		33	12
621-64-7	N-Nitrosodi-n-propylamine	253		33	10
86-30-6	N-Nitrosodiphenylamine	207		33	10
87-86-5	Pentachlorophenol	280		33	10
85-01-8	Phenanthrene	320		40	10
108-95-2	Phenol	232		33	10
129-00-0	Pyrene	289		33	10

CAS NO.	SURROGATE	%REC	LIMITS	Q
118-79-6	2,4,6-Tribromophenol	66	30-130	
321-60-8	2-Fluorobiphenyl	70	30-130	
367-12-4	2-Fluorophenol	66	30-130	
4165-60-0	Nitrobenzene-d5	66	30-130	
4165-62-2	Phenol-d5	61	30-130	
1718-51-0	Terphenyl-d14	65	30-130	

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10669.D		
Lims ID:	LCSD 360-49545/3-A	Client ID:	
Inject. Date:	01-Oct-2009 10:41:30	Dil. Factor:	1.0000
Sample Type:	LCSD, LCS Duplicate		
Sample ID:	lcsd 360-49545/3-a		
Misc. Info.:	360-0001341-014		
Operator:	MZ	Instrument ID:	Inst. B
Vol. Injected:	1.0000	ALS Bottle#:	14
Lims Batch ID:	49705	Lims Sample ID:	14
Detector:	MS SCAN		
Method:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\8270B.m		
Last Update:	05-Oct-2009 07:43:28	Calib Date:	01-Oct-2009 08:50:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\wessvr06\chromdata\INSTB.i\20090930-2.b\B10665.D		
Limit Group:	SMS - 8270LL SVOA Calibration		
Integrator:	RTE		
Process Host:	WES1001		
Reviewed By:	sullivanp	Date:	02-Oct-2009 16:48:54
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:23:06
Reviewed By:	sullivanp	Date:	05-Oct-2009 07:45:50

WARNING: Sample Limit Group Activation Date Newer Than Method Date
Please re-read the Limit Groups into the Method
Sample Activation Date: 01-Jan-2049 00:00:00
Method Activation Date: 10-Dec-2008 14:06:04

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
* 1 1,4-Dichlorobenzene-d4	150	6.780	6.784	-0.004	635007	2.00	
* 2 Naphthalene-d8	136	7.920	7.919	0.001	1261384	2.00	
* 3 Acenaphthene-d10	164	9.401	9.405	-0.004	580308	2.00	
* 4 Phenanthrene-d10	188	10.646	10.645	0.001	978673	2.00	
* 5 Chrysene-d12	240	13.142	13.136	0.006	983435	2.00	
* 6 Perylene-d12	264	15.705	15.699	0.006	664291	2.00	
$ 7 2-Fluorophenol	112	5.453	5.404	0.049	1028398	6.56	
$ 8 Phenol-d5	99	6.458	6.447	0.011	1271258	6.07	
$ 9 Nitrobenzene-d5	82	7.290	7.294	-0.004	602944	3.30	
$ 10 2-Fluorobiphenyl	172	8.829	8.832	-0.003	1190088	3.50	
$ 11 2,4,6-Tribromophenol	330	10.065	10.063	0.002	231277	6.63	
$ 12 Terphenyl-d14	244	11.959	11.963	-0.004	968224	3.24	
14 1,4-Dioxane	88	2.577	2.403	0.174	250090	4.79	M
15 N-Nitrosodimethylamine	42	3.029	2.894	0.135	916717	6.94	M
16 Pyridine	79	3.073	2.898	0.175	795185	5.59	M
17 Benzaldehyde	105	6.362	6.365	-0.003	896185	8.58	
18 Phenol	94	6.468	6.457	0.011	1561299	6.97	
19 Aniline	93	6.468	6.476	-0.008	800907	3.07	
20 Bis(2-chloroethyl)ether	93	6.545	6.543	0.002	1010772	6.13	
21 2-Chlorophenol	128	6.588	6.582	0.006	1206939	6.34	
22 1,4-Dichlorobenzene	146	6.727	6.726	0.001	1310874	5.67	
23 1,3-Dichlorobenzene	146	6.795	6.798	-0.003	1365814	5.68	
24 Benzyl alcohol	79	6.924	6.918	0.006	935828	5.99	
25 1,2-Dichlorobenzene	146	6.939	6.938	0.001	1325178	5.96	
26 2-Methylphenol	108	7.025	7.019	0.006	1147446	6.80	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
27 2,2'-oxybis[1-chloropropane]	45	7.045	7.044	0.001	2071128	6.57	
28 3 & 4 Methylphenol	108	7.160	7.159	0.001	1370787	7.76	
30 Acetophenone	105	7.155	7.159	-0.004	1790197	7.09	
29 N-Nitrosodi-n-propylamine	70	7.160	7.164	-0.004	993404	7.58	
31 Hexachloroethane	117	7.242	7.245	-0.003	532535	6.01	
32 Nitrobenzene	77	7.309	7.308	0.001	1331456	7.32	
33 Isophorone	82	7.516	7.520	-0.004	1914634	6.74	
34 2-Nitrophenol	139	7.588	7.587	0.001	679217	8.25	
35 2,4-Dimethylphenol	107	7.627	7.621	0.005	1362577	9.14	
36 Benzoic acid	105	7.723	7.702	0.021	496778	5.36	
37 Bis(2-chloroethoxy)methane	93	7.703	7.702	0.001	1271847	7.49	
38 2,4-Dichlorophenol	162	7.800	7.794	0.006	1085397	8.41	
39 1,2,4-Trichlorobenzene	180	7.867	7.871	-0.004	1049333	6.90	
41 Naphthalene	128	7.939	7.938	0.001	3580250	7.36	
40 Alpha-Terpineol	59	7.944	7.943	0.001	1183155	7.90	
42 4-Chloroaniline	127	7.982	7.981	0.001	1156598	6.02	
43 Hexachlorobutadiene	225	8.045	8.044	0.001	567880	7.00	
44 Caprolactam	55	8.290	8.275	0.015	599573	8.20	
45 4-Chloro-3-methylphenol	107	8.391	8.390	0.001	1187527	8.70	
46 2-Methylnaphthalene	142	8.526	8.525	0.001	2425940	7.31	
47 1-Methylnaphthalene	142	8.612	8.611	0.001	2336026	7.33	
48 Hexachlorocyclopentadiene	237	8.660	8.659	0.001	424504	6.30	
49 1,2,4,5-Tetrachlorobenzene	216	8.670	8.669	0.001	989018	7.54	
50 2,4,6-Trichlorophenol	196	8.761	8.760	0.001	767421	9.58	
51 2,4,5-Trichlorophenol	196	8.795	8.794	0.001	756757	9.01	
52 1,1'-Biphenyl	154	8.915	8.919	-0.004	3056091	8.44	
53 2-Chloronaphthalene	162	8.939	8.938	0.001	2230923	6.47	
54 Phenyl ether	170	9.002	9.001	0.001	1585543	7.88	
68 4-Nitroaniline	138	9.021	9.020	0.001	901895	8.45	
56 Dimethyl phthalate	163	9.165	9.164	0.001	2703309	8.36	
57 2,6-Dinitrotoluene	165	9.218	9.217	0.001	631276	8.83	
58 Acenaphthylene	152	9.286	9.289	-0.003	3375026	7.71	
59 3-Nitroaniline	138	9.362	9.361	0.001	634137	8.80	
61 Acenaphthene	153	9.430	9.433	-0.003	2838434	9.46	
60 2,4-Dinitrophenol	184	9.449	9.448	0.001	277990	7.16	
62 4-Nitrophenol	109	9.492	9.486	0.006	484135	8.66	
63 2,4-Dinitrotoluene	165	9.555	9.554	0.001	821912	8.37	
64 Dibenzofuran	168	9.574	9.573	0.001	3148896	8.06	
65 2,3,4,6-Tetrachlorophenol	232	9.675	9.674	0.001	539433	7.75	
66 Diethyl phthalate	149	9.747	9.746	0.001	2935509	8.50	
67 4-Chlorophenyl phenyl ether	204	9.853	9.852	0.001	1287657	8.56	
69 Fluorene	166	9.863	9.861	0.002	3334506	9.95	
55 2-Nitroaniline	65	9.872	9.871	0.001	829410	9.40	
70 4,6-Dinitro-2-methylphenol	198	9.901	9.895	0.006	419698	8.33	
72 N-Nitrosodiphenylamine	169	9.949	9.948	0.001	1710477	6.20	
73 1,2-Diphenylhydrazine	77	9.988	9.987	0.002	4569584	8.39	
74 Azobenzene	77	9.988	9.987	0.002	4569584	8.40	
13 Benzophenone	105	9.997	9.996	0.001	2795641	9.07	
75 4-Bromophenyl phenyl ether	248	10.262	10.261	0.001	646667	8.28	
76 Hexachlorobenzene	284	10.324	10.323	0.001	632567	8.79	
77 Atrazine	200	10.387	10.386	0.001	788477	10.7	
78 Pentachlorophenol	266	10.488	10.487	0.001	389794	8.39	

Compound	Sig	RT	EXP RT	DLT RT	Response	Amount ug/mL	Flags
79 Pentachloronitrobenzene	237	10.497	10.496	0.001	351525	8.21	
80 Phenanthrene	178	10.666	10.665	0.001	4172539	9.60	
81 Anthracene	178	10.709	10.708	0.001	4106457	9.98	
83 Carbazole	167	10.834	10.833	0.001	3373185	9.26	
84 Di-n-butyl phthalate	149	11.103	11.102	0.001	5756559	11.2	
87 Fluoranthene	202	11.656	11.655	0.001	3765752	9.33	
86 Benzidine	184	11.757	11.766	-0.009	21970	0.6215	
85 Pyrene	202	11.849	11.848	0.001	4366292	8.66	
89 Butyl benzyl phthalate	149	12.416	12.415	0.001	2131050	8.85	
91 3,3'-Dichlorobenzidine	252	13.085	13.079	0.005	857577	8.40	
93 Benzo[a]anthracene	228	13.128	13.127	0.001	3952662	10.2	
92 Bis(2-ethylhexyl) phthalate	149	13.128	13.131	-0.003	3438966	7.31	
94 Chrysene	228	13.185	13.180	0.005	3265289	8.95	
95 Di-n-octyl phthalate	149	14.292	14.290	0.002	4572922	7.72	
97 Benzo[b]fluoranthene	252	15.099	15.093	0.006	2956114	8.93	
98 Benzo[k]fluoranthene	252	15.152	15.142	0.010	2902085	10.1	
99 Benzo[a]pyrene	252	15.628	15.627	0.001	2569971	9.33	
100 Indeno[1,2,3-cd]pyrene	276	17.153	17.142	0.011	2094914	10.3	
101 Dibenz(a,h)anthracene	278	17.182	17.176	0.006	1718682	10.7	
102 Benzo[g,h,i]perylene	276	17.561	17.551	0.010	1675524	9.35	

QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 05-Oct-2009 07:45:52 Chrom Revision: 1.1 01-Oct-2009 08:19:20

Data File: \\wessvr06\chromdata\INSTB.i\20090930-2.b\B10669.D

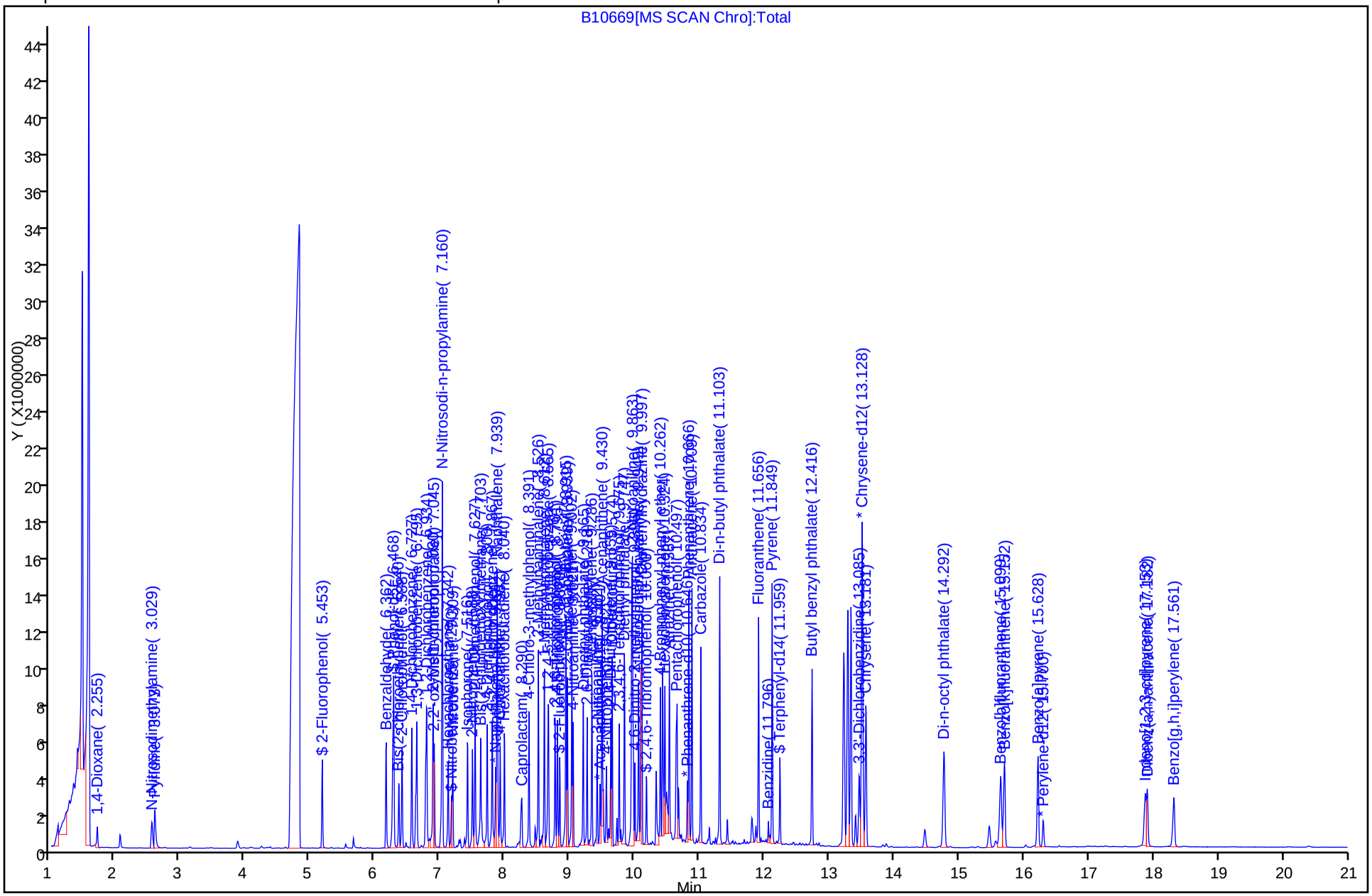
Inj Date: 01-Oct-2009 10:41:30 Limit Group: SMS - 8270LL SVOA Calibration

Lims Batch ID: 49705 Lims Sample ID: 14

Client ID: Instrument: Inst. B

Sample Info: lcsd 360-49545/3-a

Sample Amount: 1.00 ul Operator: MZ



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Inst. B Start Date: 09/30/2009 16:12

Analysis Batch Number: 49705 End Date: 10/01/2009 10:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 360-49705/1		09/30/2009 16:12	1	B10656.D	Rtx-5ms 0.25(um)
STD5 360-49705/2 ICIS		09/30/2009 16:40	1	B10657.D	Rtx-5ms 0.25(um)
STD01 360-49705/3 IC		09/30/2009 17:07	1	B10658.D	Rtx-5ms 0.25(um)
STD025 360-49705/4 IC		09/30/2009 17:35	1	B10659.D	Rtx-5ms 0.25(um)
STD05 360-49705/5 IC		09/30/2009 18:03	1	B10660.D	Rtx-5ms 0.25(um)
STD1 360-49705/6 IC		09/30/2009 18:31	1	B10661.D	Rtx-5ms 0.25(um)
STD25 360-49705/7 IC		09/30/2009 18:59	1	B10662.D	Rtx-5ms 0.25(um)
STD8 360-49705/8 IC		10/01/2009 07:55	1	B10663.D	Rtx-5ms 0.25(um)
STD10 360-49705/9 IC		10/01/2009 08:22	1	B10664.D	Rtx-5ms 0.25(um)
STD20 360-49705/10 IC		10/01/2009 08:50	1	B10665.D	Rtx-5ms 0.25(um)
ICV 360-49705/11		10/01/2009 09:18	1		Rtx-5ms 0.25(um)
MB 360-49545/1-A		10/01/2009 09:45	1	B10667.D	Rtx-5ms 0.25(um)
LCS 360-49545/2-A		10/01/2009 10:13	1	B10668.D	Rtx-5ms 0.25(um)
LCSD 360-49545/3-A		10/01/2009 10:41	1	B10669.D	Rtx-5ms 0.25(um)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Inst. B Start Date: 10/06/2009 16:49

Analysis Batch Number: 49981 End Date: 10/06/2009 21:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 360-49981/1		10/06/2009 16:49	1	B10765.D	Rtx-5ms 0.25(um)
STD5 360-49981/2 ICIS		10/06/2009 17:17	1	B10766.D	Rtx-5ms 0.25(um)
STD01 360-49981/3 IC		10/06/2009 17:44	1	B10767.D	Rtx-5ms 0.25(um)
STD025 360-49981/4 IC		10/06/2009 18:12	1	B10768.D	Rtx-5ms 0.25(um)
STD05 360-49981/5 IC		10/06/2009 18:40	1	B10769.D	Rtx-5ms 0.25(um)
STD1 360-49981/6 IC		10/06/2009 19:08	1	B10770.D	Rtx-5ms 0.25(um)
STD25 360-49981/7 IC		10/06/2009 19:35	1	B10771.D	Rtx-5ms 0.25(um)
STD8 360-49981/8 IC		10/06/2009 20:03	1	B10772.D	Rtx-5ms 0.25(um)
STD10 360-49981/9 IC		10/06/2009 20:31	1	B10773.D	Rtx-5ms 0.25(um)
STD20 360-49981/10 IC		10/06/2009 20:59	1	B10774.D	Rtx-5ms 0.25(um)
ICV 360-49981/11		10/06/2009 21:26	1		Rtx-5ms 0.25(um)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Inst. B Start Date: 10/06/2009 21:54

Analysis Batch Number: 49983 End Date: 10/07/2009 04:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 360-49983/12		10/06/2009 21:54	1	B10776.D	Rtx-5ms 0.25(um)
CCV 360-49983/13 CCVIS		10/06/2009 22:22	1	B10777.D	Rtx-5ms 0.25(um)
ZZZZZ		10/06/2009 22:50	1		Rtx-5ms 0.25(um)
ZZZZZ		10/06/2009 23:18	1		Rtx-5ms 0.25(um)
ZZZZZ		10/06/2009 23:46	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 00:13	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 00:41	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 01:09	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 01:37	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 02:04	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 02:32	1		Rtx-5ms 0.25(um)
360-24665-14	OC-SB-406-13/15-XXX	10/07/2009 03:00	1	B10787.D	Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 03:28	1		Rtx-5ms 0.25(um)
ZZZZZ		10/07/2009 03:55	1		Rtx-5ms 0.25(um)
360-24665-18	OC-SB-413-10/12-XXX	10/07/2009 04:23	1	B10790.D	Rtx-5ms 0.25(um)

Organic Prep Worksheet

Batch Number: 360-49545
Method: 3546
Analyst: Bilodeau, Brian R

Date Open: Sep 28 2009 10:51AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	ABN SURR_00011	OlinLCSextras_00002	OP-abnms_00064
MB~360-49545/1		3546, 8270C LL		30.00 g	1.0 mL	50 uL		
LCS~360-49545/2		3546, 8270C LL		30.00 g	1.0 mL	50 uL	.100 mL	100 uL
LCSD~360-49545/3		3546, 8270C LL		30.00 g	1.0 mL	50 uL	.100 mL	100 uL
360-24665-A-1	OC-SS-434-0.0/1.0-XXX		T	30.10 g	1.0 mL	50 uL		
360-24665-A-2	OC-SS-435-0.0/1.0-XXX		T	30.97 g	1.0 mL	50 uL		
360-24665-A-3	OC-SS-436-0.0/1.0-XXX		T	30.95 g	1.0 mL	50 uL		
360-24665-A-4	OC-SS-437-0.0/1.0-XXX		T	30.22 g	1.0 mL	50 uL		
360-24665-A-5	OC-SS-440-0.0/1.0-XXX		T	30.02 g	1.0 mL	50 uL		
360-24665-A-6	OC-SS-442-0.0/1.0-XXX		T	30.31 g	1.0 mL	50 uL		
360-24665-A-7	OC-SS-449-0.0/1.0-XXX		T	30.09 g	1.0 mL	50 uL		
360-24665-A-8	OC-SS-450-0.0/1.0-XXX		T	30.93 g	1.0 mL	50 uL		
360-24665-A-9	OC-SS-451-0.0/1.0-XXX		T	30.30 g	1.0 mL	50 uL		
360-24665-A-10	OC-SS-454-0.0/1.0-XXX		T	30.18 g	1.0 mL	50 uL		
360-24665-A-11	OC-SS-455-0.0/1.0-XXX		T	30.34 g	1.0 mL	50 uL		
360-24665-A-12	OC-SS-460-0.0/1.0-XXX		T	30.19 g	1.0 mL	50 uL		
360-24665-A-13	OC-SB-406-0.0/1.0-XXX		T	30.19 g	1.0 mL	50 uL		
360-24665-A-14	OC-SB-406-13/15-XXX		T	30.31 g	1.0 mL	50 uL		
360-24665-A-15	OC-SB-406-8.0/10-XXX		T	30.14 g	1.0 mL	50 uL		
360-24665-A-16	OC-SB-413-0.0/1.0-XXX		T	30.23 g	1.0 mL	50 uL		
360-24665-A-17	OC-SB-413-1.0/5.0-XXX		T	30.52 g	1.0 mL	50 uL		
360-24665-A-18	OC-SB-413-10/12-XXX		T	30.80 g	1.0 mL	50 uL		
360-24665-A-1~MS			T	30.14 g	1.0 mL	50 uL	.100 mL	100 uL
360-24665-A-1~MSD			T	30.36 g	1.0 mL	50 uL	.100 mL	100 uL
360-24665-A-14	OC-SB-406-13/15-XXX	3546, 8270C LL	T	30.31 g	1.0 mL	50 uL		
360-24665-A-18	OC-SB-413-10/12-XXX	3546, 8270C LL	T	30.80 g	1.0 mL	50 uL		

Organic Prep Worksheet

Batch Number: 360-49545

Method: 3546

Analyst: Bilodeau, Brian R

Date Open: Sep 28 2009 10:51AM

Batch End:

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

Project: Olin Chemical Superfund Site

Client Sample ID	Lab Sample ID
OC-SB-406-13/15-XXX	360-24665-14
OC-SB-413-10/12-XXX	360-24665-18

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OC-SB-406-13/15-XXX
Lab Sample ID: 360-24665-14
Lab Name: TestAmerica Westfield
Job No.: 360-24665-2
SDG ID.: OCRI-17A
Matrix: Solid
Date Sampled: 09/17/2009 12:00
Reporting Basis: DRY
Date Received: 09/17/2009 16:30
% Solids: 89.2

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	10000	3.2	0.84	mg/Kg			1	6010B
7440-36-0	Antimony	ND	0.65	0.23	mg/Kg			1	6010B
7440-38-2	Arsenic	1.3	1.3	0.12	mg/Kg	J		1	6010B
7440-39-3	Barium	15	0.65	0.084	mg/Kg			1	6010B
7440-41-7	Beryllium	0.26	0.26	0.032	mg/Kg			1	6010B
7440-43-9	Cadmium	0.44	0.26	0.0091	mg/Kg			1	6010B
7440-70-2	Calcium	2400	13	3.2	mg/Kg		B	1	6010B
7440-47-3	Chromium	27	0.65	0.086	mg/Kg			1	6010B
7440-48-4	Cobalt	14	0.65	0.084	mg/Kg			1	6010B
7440-50-8	Copper	57	1.3	0.084	mg/Kg			1	6010B
7439-89-6	Iron	23000	6.5	1.0	mg/Kg		B	1	6010B
7439-92-1	Lead	2.4	0.65	0.074	mg/Kg			1	6010B
7439-95-4	Magnesium	7600	13	0.65	mg/Kg		B	1	6010B
7439-96-5	Manganese	190	1.3	0.087	mg/Kg			1	6010B
7440-02-0	Nickel	17	1.3	0.084	mg/Kg			1	6010B
7440-09-7	Potassium	910	260	40	mg/Kg			1	6010B
7782-49-2	Selenium	ND	0.65	0.30	mg/Kg			1	6010B
7440-22-4	Silver	ND	0.65	0.065	mg/Kg			1	6010B
7440-23-5	Sodium	ND	130	17	mg/Kg			1	6010B
7440-28-0	Thallium	ND	1.3	0.094	mg/Kg			1	6010B
7440-62-2	Vanadium	45	1.3	0.084	mg/Kg			1	6010B
7440-66-6	Zinc	37	3.2	0.76	mg/Kg			1	6010B
7440-31-5	Tin	9.5	6.5	0.41	mg/Kg		^ B	1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OC-SB-413-10/12-XXX
Lab Sample ID: 360-24665-18
Lab Name: TestAmerica Westfield
Job No.: 360-24665-2
SDG ID.: OCRI-17A
Matrix: Solid
Date Sampled: 09/17/2009 10:50
Reporting Basis: DRY
Date Received: 09/17/2009 16:30
% Solids: 90.2

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	7500	3.5	0.92	mg/Kg			1	6010B
7440-36-0	Antimony	ND	0.71	0.26	mg/Kg			1	6010B
7440-38-2	Arsenic	2.2	1.4	0.13	mg/Kg			1	6010B
7440-39-3	Barium	30	0.71	0.092	mg/Kg			1	6010B
7440-41-7	Beryllium	0.26	0.28	0.035	mg/Kg	J		1	6010B
7440-43-9	Cadmium	0.22	0.28	0.0099	mg/Kg	J		1	6010B
7440-70-2	Calcium	1700	14	3.5	mg/Kg		B	1	6010B
7440-47-3	Chromium	16	0.71	0.094	mg/Kg			1	6010B
7440-48-4	Cobalt	6.4	0.71	0.092	mg/Kg			1	6010B
7440-50-8	Copper	24	1.4	0.092	mg/Kg			1	6010B
7439-89-6	Iron	12000	7.1	1.1	mg/Kg		B	1	6010B
7439-92-1	Lead	1.7	0.71	0.081	mg/Kg			1	6010B
7439-95-4	Magnesium	3400	14	0.71	mg/Kg		B	1	6010B
7439-96-5	Manganese	110	1.4	0.094	mg/Kg			1	6010B
7440-02-0	Nickel	11	1.4	0.092	mg/Kg			1	6010B
7440-09-7	Potassium	850	280	44	mg/Kg			1	6010B
7782-49-2	Selenium	ND	0.71	0.33	mg/Kg			1	6010B
7440-22-4	Silver	ND	0.71	0.071	mg/Kg			1	6010B
7440-23-5	Sodium	72	140	18	mg/Kg	J		1	6010B
7440-28-0	Thallium	ND	1.4	0.10	mg/Kg			1	6010B
7440-62-2	Vanadium	20	1.4	0.092	mg/Kg			1	6010B
7440-66-6	Zinc	17	3.5	0.83	mg/Kg			1	6010B
7440-31-5	Tin	5.8	7.1	0.45	mg/Kg	J	^ B	1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV1 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	ICV 360-49515/6 09/25/2009 10:07				CCV 360-49515/13 09/25/2009 10:27				CCV 360-49515/19 09/25/2009 12:57			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1010		1000	101	993		1000	99	953		1000	95
Al	1010		1000	101	4970		5000	99	4680		5000	94
As	1000		1000	100	999		1000	100	936		1000	94
Ba	1010		1000	101	994		1000	99	940		1000	94
Be	1010		1000	101	992		1000	99	962		1000	96
Cd	1010		1000	101	991		1000	99	975		1000	97
Co	1010		1000	101	991		1000	99	962		1000	96
Cr	995		1000	100	990		1000	99	966		1000	97
Cu	998		1000	100	997		1000	100	934		1000	93
Fe	999		1000	100	4960		5000	99	4910		5000	98
Mn	1010		1000	101	992		1000	99	961		1000	96
Ni	1010		1000	101	998		1000	100	971		1000	97
Pb	1010		1000	101	993		1000	99	971		1000	97
Sb	958		1000	96	996		1000	100	929		1000	93
Se	1020		1000	102	1000		1000	100	926		1000	93
Tl	1010		1000	101	997		1000	100	965		1000	97
V	1010		1000	101	992		1000	99	955		1000	96
Zn	1020		1000	102	997		1000	100	995		1000	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV1 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/22 09/25/2009 13:33				CCV 360-49515/34 09/25/2009 14:08				CCV 360-49515/46 09/25/2009 14:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	957		1000	96	967		1000	97	967		1000	97
Al	4730		5000	95	4790		5000	96	4790		5000	96
As	946		1000	95	957		1000	96	954		1000	95
Ba	947		1000	95	957		1000	96	957		1000	96
Be	965		1000	97	975		1000	98	973		1000	97
Cd	979		1000	98	985		1000	99	984		1000	98
Co	967		1000	97	975		1000	97	974		1000	97
Cr	970		1000	97	978		1000	98	975		1000	98
Cu	939		1000	94	952		1000	95	946		1000	95
Fe	4930		5000	99	4970		5000	99	4970		5000	99
Mn	967		1000	97	974		1000	97	972		1000	97
Ni	978		1000	98	981		1000	98	984		1000	98
Pb	976		1000	98	982		1000	98	982		1000	98
Sb	933		1000	93	948		1000	95	942		1000	94
Se	936		1000	94	945		1000	94	945		1000	95
Tl	966		1000	97	972		1000	97	973		1000	97
V	961		1000	96	969		1000	97	968		1000	97
Zn	997		1000	100	1000		1000	100	999		1000	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV1 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/53 09/25/2009 15:30				CCV 360-49515/55 09/25/2009 16:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	979		1000	98	970		1000	97				
Al	4860		5000	97	4810		5000	96				
As	968		1000	97	961		1000	96				
Ba	971		1000	97	963		1000	96				
Be	983		1000	98	977		1000	98				
Cd	989		1000	99	980		1000	98				
Co	982		1000	98	974		1000	97				
Cr	982		1000	98	973		1000	97				
Cu	963		1000	96	955		1000	95				
Fe	4980		5000	100	4960		5000	99				
Mn	981		1000	98	972		1000	97				
Ni	990		1000	99	981		1000	98				
Pb	988		1000	99	980		1000	98				
Sb	960		1000	96	947		1000	95				
Se	957		1000	96	957		1000	96				
Tl	980		1000	98	976		1000	98				
V	979		1000	98	971		1000	97				
Zn	1000		1000	100	995		1000	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV2 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	ICV 360-49515/6 09/25/2009 10:07				CCV 360-49515/13 09/25/2009 10:27				CCV 360-49515/19 09/25/2009 12:57			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ca	10100		10000	101	19800		20000	99	19400		20000	97
Mg	9980		10000	100	19800		20000	99	19300		20000	97
Na	9380		10000	94	19900		20000	99	19300		20000	97
Sn	1000		1000	100	992		1000	99	956		1000	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV2 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/22 09/25/2009 13:33				CCV 360-49515/34 09/25/2009 14:08				CCV 360-49515/46 09/25/2009 14:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ca	19500		20000	97	19600		20000	98	19600		20000	98
Mg	19400		20000	97	19600		20000	98	19600		20000	98
Na	19400		20000	97	19500		20000	98	19500		20000	98
Sn	961		1000	96	970		1000	97	969		1000	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV2 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/53 09/25/2009 15:30				CCV 360-49515/55 09/25/2009 16:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ca	19700		20000	99	19600		20000	98				
Mg	19700		20000	99	19500		20000	98				
Na	19500		20000	98	19500		20000	97				
Sn	979		1000	98	969		1000	97				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ME ICV KNa_00003 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/13 09/25/2009 10:27				ICV 360-49515/16 09/25/2009 10:36				CCV 360-49515/19 09/25/2009 12:57			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
K	19600		20000	98	77000		75000	103	19300		20000	96

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ME ICV KNa_00003 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/22 09/25/2009 13:33				CCV 360-49515/34 09/25/2009 14:08				CCV 360-49515/46 09/25/2009 14:43			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
K	19400		20000	97	19700		20000	99	19600		20000	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ME ICV KNa_00003 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49515/53 09/25/2009 15:30				CCV 360-49515/55 09/25/2009 16:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
K	20300		20000	101	20200		20000	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV1 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	ICV 360-49582/6 09/28/2009 10:15				CCV 360-49582/13 09/28/2009 10:35				CCV 360-49582/25 09/28/2009 12:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	1000		1000	100	995		1000	100	989		1000	99
Al	1000		1000	100	4980		5000	100	4960		5000	99
As	995		1000	100	997		1000	100	983		1000	98
Ba	1010		1000	101	995		1000	100	997		1000	100
Be	1010		1000	101	994		1000	99	986		1000	99
Cd	1010		1000	101	991		1000	99	986		1000	99
Co	1010		1000	101	993		1000	99	988		1000	99
Cr	997		1000	100	992		1000	99	986		1000	99
Cu	990		1000	99	991		1000	99	980		1000	98
Fe	976		1000	98	4960		5000	99	4950		5000	99
K	9370		10000	94	19900		20000	99	19700		20000	98
Mn	1010		1000	101	993		1000	99	988		1000	99
Ni	1010		1000	101	991		1000	99	982		1000	98
Pb	1010		1000	101	993		1000	99	987		1000	99
Sb	973		1000	97	1000		1000	100	999		1000	100
Se	1010		1000	101	1000		1000	100	989		1000	99
Tl	1010		1000	101	997		1000	100	991		1000	99
V	1010		1000	101	993		1000	99	991		1000	99
Zn	1010		1000	101	989		1000	99	981		1000	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV1 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49582/49 09/28/2009 13:51											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	986		1000	99								
Al	4950		5000	99								
As	974		1000	97								
Ba	998		1000	100								
Be	976		1000	98								
Cd	970		1000	97								
Co	976		1000	98								
Cr	976		1000	98								
Cu	982		1000	98								
Fe	4900		5000	98								
K	20500		20000	103								
Mn	980		1000	98								
Ni	974		1000	97								
Pb	975		1000	97								
Sb	989		1000	99								
Se	975		1000	97								
Tl	973		1000	97								
V	983		1000	98								
Zn	962		1000	96								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV2 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	ICV 360-49582/6 09/28/2009 10:15				CCV 360-49582/13 09/28/2009 10:35				CCV 360-49582/25 09/28/2009 12:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ca	10100		10000	101	19800		20000	99	19800		20000	99
Mg	9970		10000	100	19900		20000	99	19700		20000	99
Na	9280		10000	93	19900		20000	99	19800		20000	99
Sn	1000		1000	100	995		1000	99	986		1000	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

ICV Source: ICV2 ICP_00004 Concentration Units: ug/L

CCV Source: MEVARCCV_00009

Analyte	CCV 360-49582/49 09/28/2009 13:51											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ca	19500		20000	98								
Mg	19500		20000	98								
Na	19800		20000	99								
Sn	976		1000	98								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Analysis Method: 6010B Instrument ID: Varian ICP

Lab Sample ID: CRI 360-49515/8 Concentration Units: ug/L

CRQL Check Standard Source: CRI-RL ICP_00004

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	100	106		106	70-130
Antimony	10.0	10.4		104	70-130
Arsenic	10.0	10.5		105	70-130
Barium	10.0	11.2		112	70-130
Beryllium	1.00	1.03		103	70-130
Cadmium	1.00	0.939	J	94	70-130
Calcium	400	420		105	70-130
Chromium	5.00	5.22		104	70-130
Cobalt	10.0	10.9		109	70-130
Copper	10.0	11.0		110	70-130
Iron	100	108		108	70-130
Lead	5.00	5.72		114	70-130
Magnesium	400	428		107	70-130
Manganese	10.0	10.8		108	70-130
Nickel	10.0	11.0		110	70-130
Potassium	4000	3220	J	80	70-130
Selenium	10.0	12.6		126	70-130
Sodium	2000	2000		100	70-130
Thallium	10.0	11.0		110	70-130
Vanadium	10.0	10.5		105	70-130
Zinc	50.0	52.5		105	70-130
Tin	50.0	31.2	J	62	70-130

Lab Sample ID: CRI 360-49515/9 Concentration Units: ug/L

CRQL Check Standard Source: CRI-MCPICP_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	6.00	6.63	J	111	70-130
Arsenic	50.0	49.6		99	70-130
Barium	2000	2140		107	70-130
Beryllium	4.00	4.19		105	70-130
Cadmium	5.00	5.16		103	70-130
Chromium	100	107		107	70-130
Lead	15.0	16.3		109	70-130
Nickel	100	111		111	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Analysis Method: 6010B Instrument ID: Varian ICP

Lab Sample ID: CRI 360-49515/9 Concentration Units: ug/L

CRQL Check Standard Source: CRI-MCPICP_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	50.0	48.7		97	70-130
Silver	7.00	7.17		102	70-130
Thallium	2.00	2.49	J	124	70-130
Vanadium	50.0	52.2		104	70-130
Zinc	900	959		107	70-130

Lab Sample ID: CRI 360-49515/18 Concentration Units: ug/L

CRQL Check Standard Source: CRI-RL ICP_00004

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	5.00	3.78	J	76	70-130

Lab Sample ID: CRI 360-49582/8 Concentration Units: ug/L

CRQL Check Standard Source: CRI-RL ICP_00004

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Aluminum	100	105		105	70-130
Antimony	10.0	10.1		101	70-130
Arsenic	10.0	10.4		104	70-130
Barium	10.0	11.2		112	70-130
Beryllium	1.00	1.01		101	70-130
Cadmium	1.00	1.00		100	70-130
Calcium	400	418		104	70-130
Chromium	5.00	5.32		106	70-130
Cobalt	10.0	10.6		106	70-130
Copper	10.0	10.7		107	70-130
Iron	100	104		104	70-130
Lead	5.00	5.86		117	70-130
Magnesium	400	426		107	70-130
Manganese	10.0	10.8		108	70-130
Nickel	10.0	10.6		106	70-130
Potassium	4000	3920	J	98	70-130

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Analysis Method: 6010B Instrument ID: Varian ICP

Lab Sample ID: CRI 360-49582/8 Concentration Units: ug/L

CRQL Check Standard Source: CRI-RL ICP_00004

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Selenium	10.0	10.7		107	70-130
Sodium	2000	1880	J	94	70-130
Thallium	10.0	11.8		118	70-130
Vanadium	10.0	10.4		104	70-130
Zinc	50.0	51.6		103	70-130
Tin	50.0	31.6	J	63	70-130

Lab Sample ID: CRI 360-49582/9 Concentration Units: ug/L

CRQL Check Standard Source: CRI-MCPICP_00006

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	6.00	5.95	J	99	70-130
Arsenic	50.0	50.5		101	70-130
Barium	2000	2140		107	70-130
Beryllium	4.00	4.14		104	70-130
Cadmium	5.00	5.18		104	70-130
Chromium	100	107		107	70-130
Lead	15.0	16.2		108	70-130
Nickel	100	110		110	70-130
Selenium	50.0	48.7		97	70-130
Silver	7.00	6.82		97	70-130
Thallium	2.00	2.40	J	120	70-130
Vanadium	50.0	51.7		103	70-130
Zinc	900	948		105	70-130

Lab Sample ID: CRI 360-49582/18 Concentration Units: ug/L

CRQL Check Standard Source: CRI-RL ICP_00004

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	5.00	4.16	J	83	70-130

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Concentration Units: ug/L

Analyte	RL	ICB 360-49515/7 09/25/2009 10:09		CCB 360-49515/14 09/25/2009 10:30		CCB 360-49515/20 09/25/2009 13:00		CCB 360-49515/23 09/25/2009 13:36	
		Found	C	Found	C	Found	C	Found	C
Ag	5.0	ND		ND		ND		ND	
Al	100	ND		ND		ND		ND	
As	10	ND		ND		ND		ND	
Ba	10	ND		ND		ND		ND	
Be	1.0	ND		ND		ND		ND	
Ca	400	ND		ND		ND		ND	
Cd	1.0	ND		ND		ND		ND	
Co	10	ND		ND		ND		ND	
Cr	5.0	ND		ND		ND		ND	
Cu	10	ND		ND		ND		ND	
Fe	100	ND		ND		ND		ND	
K	4000	ND		ND		ND		ND	
Mg	400	ND		ND		ND		ND	
Mn	10	ND		ND		ND		ND	
Na	2000	ND		ND		ND		ND	
Ni	10	ND		ND		ND		ND	
Pb	5.0	ND		ND		ND		ND	
Sb	10	4.09	J	ND		ND		ND	
Se	10	2.78	J	3.66	J	ND		ND	
Sn	50	ND		ND		ND		ND	
Tl	10	ND		ND		ND		ND	
V	10	ND		ND		ND		ND	
Zn	50	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Concentration Units: ug/L

Analyte	RL	CCB 360-49515/35 09/25/2009 14:11		CCB 360-49515/47 09/25/2009 14:46		CCB 360-49515/54 09/25/2009 15:33		CCB 360-49515/56 09/25/2009 16:19	
		Found	C	Found	C	Found	C	Found	C
Ag	5.0	ND		ND		ND		ND	
Al	100	ND		ND		ND		ND	
As	10	ND		ND		ND		ND	
Ba	10	ND		ND		ND		ND	
Be	1.0	ND		ND		ND		ND	
Ca	400	ND		ND		ND		ND	
Cd	1.0	ND		ND		ND		ND	
Co	10	ND		ND		ND		ND	
Cr	5.0	ND		ND		ND		ND	
Cu	10	ND		ND		ND		ND	
Fe	100	ND		ND		ND		ND	
K	4000	ND		ND		ND		ND	
Mg	400	ND		ND		ND		ND	
Mn	10	ND		ND		ND		ND	
Na	2000	ND		ND		ND		ND	
Ni	10	ND		ND		ND		ND	
Pb	5.0	ND		ND		ND		ND	
Sb	10	ND		ND		ND		ND	
Se	10	ND		5.04	J	ND		4.15	J
Sn	50	ND		ND		ND		ND	
Tl	10	ND		ND		ND		1.81	J
V	10	ND		ND		ND		ND	
Zn	50	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Concentration Units: ug/L

Analyte	RL	ICB 360-49582/7 09/28/2009 10:18		CCB 360-49582/14 09/28/2009 10:38		CCB 360-49582/26 09/28/2009 12:45		CCB 360-49582/50 09/28/2009 13:54	
		Found	C	Found	C	Found	C	Found	C
Ag	5.0	ND		ND		ND		ND	
Al	100	ND		ND		ND		ND	
As	10	ND		2.41	J	ND		ND	
Ba	10	ND		ND		ND		ND	
Be	1.0	ND		ND		ND		ND	
Ca	400	ND		ND		ND		ND	
Cd	1.0	ND		ND		ND		ND	
Co	10	ND		ND		ND		ND	
Cr	5.0	ND		ND		ND		ND	
Cu	10	ND		ND		ND		ND	
Fe	100	ND		ND		ND		ND	
K	4000	ND		ND		ND		ND	
Mg	400	ND		ND		ND		ND	
Mn	10	ND		ND		ND		ND	
Na	2000	ND		ND		ND		ND	
Ni	10	ND		ND		ND		ND	
Pb	5.0	ND		ND		ND		ND	
Sb	10	3.62	J	ND		ND		ND	
Se	10	ND		ND		3.46	J	2.75	J
Sn	50	ND		ND		ND		ND	
Tl	10	ND		2.83	J	2.11	J	ND	
V	10	ND		ND		ND		ND	
Zn	50	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Concentration Units: mg/Kg Lab Sample ID: MB 360-49480/1-A

Instrument Code: Varian ICP Batch No.: 49515

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010B
7440-36-0	Antimony	ND			6010B
7440-38-2	Arsenic	ND			6010B
7440-39-3	Barium	ND			6010B
7440-41-7	Beryllium	ND			6010B
7440-43-9	Cadmium	ND			6010B
7440-70-2	Calcium	7.37	J		6010B
7440-47-3	Chromium	ND			6010B
7440-48-4	Cobalt	ND			6010B
7440-50-8	Copper	ND			6010B
7439-89-6	Iron	1.56	J		6010B
7439-92-1	Lead	ND			6010B
7439-95-4	Magnesium	1.99	J		6010B
7439-96-5	Manganese	ND			6010B
7440-02-0	Nickel	ND			6010B
7440-09-7	Potassium	ND			6010B
7782-49-2	Selenium	ND			6010B
7440-22-4	Silver	ND			6010B
7440-23-5	Sodium	ND			6010B
7440-28-0	Thallium	ND			6010B
7440-62-2	Vanadium	ND			6010B
7440-66-6	Zinc	ND			6010B
7440-31-5	Tin	0.440	J		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSA 360-49515/10 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSA wk_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.254**	
Al	**100000**	**114728**	**115**
As		**2.34**	
Ba		**0.595**	
Be		**0.0096**	
Ca	**100000**	**105635**	**106**
Cd		**0.811**	
Co		**1.94**	
Cr		**0.368**	
Cu		**0.697**	
Fe	**40000**	**43995**	**110**
K		**2168**	
Mg	**100000**	**111202**	**111**
Mn		**3.30**	
Na		**95.8**	
Ni		**5.05**	
Pb		**-1.37**	
Sb		**-1.16**	
Se		**-2.39**	
Sn		**2.40**	
Tl		**-0.567**	
V		**2.13**	
Zn		**-0.383**	
B		*5.05*	
Li		*1.16*	
Mo		*0.450*	
Si		*-3.39*	
Si		*-1.72*	
SiO2		*-7.26*	
Sr		*0.602*	
Ti		*1.62*	
Zr		*0.396*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSAB 360-49515/11 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**600**	**617**	**103**
Al	**100000**	**113684**	**114**
As	**2000**	**2007**	**100**
Ba	**600**	**594**	**99**
Be	**200**	**193**	**96**
Ca	**100000**	**104076**	**104**
Cd	**600**	**580**	**97**
Co	**600**	**582**	**97**
Cr	**600**	**574**	**96**
Cu	**600**	**611**	**102**
Fe	**40000**	**43539**	**109**
K	**40000**	**43626**	**109**
Mg	**100000**	**108746**	**109**
Mn	**400**	**389**	**97**
Na		**37.7**	
Ni	**600**	**586**	**98**
Pb	**2000**	**1899**	**95**
Sb		**948**	
Se	**1000**	**990**	**99**
Sn		**258**	
Tl	**2000**	**1907**	**95**
V	**600**	**594**	**99**
Zn	**600**	**564**	**94**
B		*4.23*	
Li		*1.16*	
Mo		*0.267*	
Si		*-3.64*	
Si		*-1.12*	
SiO2		*-7.79*	
Sr		*0.632*	
Ti		*1.63*	
Zr		*1.07*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSA 360-49515/57 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSA wk_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-0.119**	
Al	**100000**	**110887**	**111**
As		**0.829**	
Ba		**0.412**	
Be		**0.0177**	
Ca	**100000**	**104299**	**104**
Cd		**0.813**	
Co		**2.11**	
Cr		**0.370**	
Cu		**0.700**	
Fe	**40000**	**43256**	**108**
K		**1841**	
Mg	**100000**	**109458**	**109**
Mn		**3.26**	
Na		**176**	
Ni		**5.12**	
Pb		**-1.21**	
Sb		**-0.194**	
Se		**-0.172**	
Sn		**2.64**	
Tl		**0.236**	
V		**2.26**	
Zn		**2.54**	
B		*11.8*	
Li		*1.19*	
Mo		*1.48*	
Si		*0.179*	
Si		*-1.05*	
SiO2		*0.383*	
Sr		*0.594*	
Ti		*1.58*	
Zr		*0.672*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSAB 360-49515/58 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**600**	**598**	**100**
Al	**100000**	**108868**	**109**
As	**2000**	**1922**	**96**
Ba	**600**	**570**	**95**
Be	**200**	**188**	**94**
Ca	**100000**	**101904**	**102**
Cd	**600**	**571**	**95**
Co	**600**	**568**	**95**
Cr	**600**	**561**	**94**
Cu	**600**	**575**	**96**
Fe	**40000**	**42471**	**106**
K	**40000**	**42442**	**106**
Mg	**100000**	**106344**	**106**
Mn	**400**	**379**	**95**
Na		**-36.6**	
Ni	**600**	**570**	**95**
Pb	**2000**	**1865**	**93**
Sb		**896**	
Se	**1000**	**938**	**94**
Sn		**255**	
Tl	**2000**	**1864**	**93**
V	**600**	**579**	**96**
Zn	**600**	**555**	**93**
B		*7.26*	
Li		*1.26*	
Mo		*0.465*	
Si		*-0.526*	
Si		*-1.26*	
SiO2		*-1.13*	
Sr		*0.616*	
Ti		*1.66*	
Zr		*1.66*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSA 360-49582/10 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSA wk_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.336**	
Al	**100000**	**115499**	**115**
As		**0.412**	
Ba		**0.543**	
Be		**0.0080**	
Ca	**100000**	**105988**	**106**
Cd		**0.650**	
Co		**1.52**	
Cr		**0.357**	
Cu		**0.558**	
Fe	**40000**	**44701**	**112**
K		**1776**	
Mg	**100000**	**111467**	**111**
Mn		**3.26**	
Na		**81.7**	
Ni		**5.31**	
Pb		**-1.18**	
Sb		**-0.596**	
Se		**-1.41**	
Sn		**2.60**	
Tl		**1.70**	
V		**2.04**	
Zn		**-1.01**	
B		*6.77*	
Li		*0.934*	
Mo		*0.511*	
Si		*-7.08*	
Si		*-5.61*	
SiO2		*-15.1*	
Sr		*0.596*	
Ti		*1.51*	
Zr		*0.590*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSAB 360-49582/11 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**600**	**614**	**102**
Al	**100000**	**114152**	**114**
As	**2000**	**1994**	**100**
Ba	**600**	**591**	**99**
Be	**200**	**191**	**96**
Ca	**100000**	**107384**	**107**
Cd	**600**	**577**	**96**
Co	**600**	**579**	**97**
Cr	**600**	**574**	**96**
Cu	**600**	**599**	**100**
Fe	**40000**	**44096**	**110**
K	**40000**	**43081**	**108**
Mg	**100000**	**108746**	**109**
Mn	**400**	**387**	**97**
Na		**-14.7**	
Ni	**600**	**581**	**97**
Pb	**2000**	**1891**	**95**
Sb		**946**	
Se	**1000**	**982**	**98**
Sn		**252**	
Tl	**2000**	**1896**	**95**
V	**600**	**591**	**98**
Zn	**600**	**559**	**93**
B		*4.49*	
Li		*0.864*	
Mo		*0.468*	
Si		*-7.76*	
Si		*-4.30*	
SiO2		*-16.6*	
Sr		*0.625*	
Ti		*1.49*	
Zr		*0.952*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSA 360-49582/52 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSA wk_00004

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**0.146**	
Al	**100000**	**114843**	**115**
As		**1.13**	
Ba		**0.397**	
Be		**0.0111**	
Ca	**100000**	**105153**	**105**
Cd		**0.624**	
Co		**1.56**	
Cr		**0.421**	
Cu		**0.952**	
Fe	**40000**	**44584**	**111**
K		**1798**	
Mg	**100000**	**110890**	**111**
Mn		**3.37**	
Na		**37.5**	
Ni		**5.01**	
Pb		**-1.50**	
Sb		**0.0034**	
Se		**0.346**	
Sn		**2.12**	
Tl		**1.56**	
V		**2.21**	
Zn		**-0.642**	
B		*6.58*	
Li		*0.955*	
Mo		*0.732*	
Si		*-6.73*	
Si		*-6.36*	
SiO2		*-14.4*	
Sr		*0.600*	
Ti		*1.50*	
Zr		*0.635*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Lab Sample ID: ICSAB 360-49582/53 Instrument ID: Varian ICP

Lab File ID: ICS Source: ICSAB_00009

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Ag	**600**	**609**	**101**
Al	**100000**	**113519**	**114**
As	**2000**	**1982**	**99**
Ba	**600**	**588**	**98**
Be	**200**	**190**	**95**
Ca	**100000**	**105393**	**105**
Cd	**600**	**577**	**96**
Co	**600**	**576**	**96**
Cr	**600**	**571**	**95**
Cu	**600**	**595**	**99**
Fe	**40000**	**43944**	**110**
K	**40000**	**42885**	**107**
Mg	**100000**	**108251**	**108**
Mn	**400**	**384**	**96**
Na		**-88.2**	
Ni	**600**	**577**	**96**
Pb	**2000**	**1885**	**94**
Sb		**943**	
Se	**1000**	**980**	**98**
Sn		**247**	
Tl	**2000**	**1880**	**94**
V	**600**	**590**	**98**
Zn	**600**	**559**	**93**
B		*4.51*	
Li		*0.911*	
Mo		*0.324*	
Si		*-6.96*	
Si		*-5.51*	
SiO2		*-14.9*	
Sr		*0.624*	
Ti		*1.59*	
Zr		*1.59*	

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

FORM IVA-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 360-49480/2-A

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

Sample Matrix: Solid LCS Source: stlma-3_00039

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	250	218		87	80	120		6010B
Antimony	50.0	43.9		88	80	120		6010B
Arsenic	50.0	43.5		87	80	120		6010B
Barium	50.0	45.1		90	80	120		6010B
Beryllium	50.0	44.2		88	80	120		6010B
Cadmium	50.0	43.6		87	80	120		6010B
Calcium	1000	894		89	80	120		6010B
Chromium	50.0	44.6		89	80	120		6010B
Cobalt	50.0	44.1		88	80	120		6010B
Copper	50.0	44.4		89	80	120		6010B
Iron	250	220		88	80	120		6010B
Lead	50.0	43.5		87	80	120		6010B
Magnesium	1000	871		87	80	120		6010B
Manganese	50.0	44.6		89	80	120		6010B
Nickel	50.0	43.8		88	80	120		6010B
Potassium	1000	823		82	80	120		6010B
Selenium	50.0	43.5		87	80	120		6010B
Silver	50.0	43.6		87	80	120		6010B
Sodium	1000	845		85	80	120		6010B
Thallium	50.0	42.8		86	80	120		6010B
Vanadium	50.0	44.8		90	80	120		6010B
Zinc	50.0	42.8		86	80	120		6010B
Tin	50.0	44.4		89	80	120		6010B

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

FORM VIIA - IN

7D-IN
LAB CONTROL SAMPLE DUPLICATE
METALS

Lab ID: LCSD 360-49480/3-A

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

Sample Matrix: Solid LCS Source: stlma-3_00039

Analyte	(SDR)	C	Spike Added	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Aluminum	218		250	87	80-120	0	30		6010B
Antimony	43.8		50.0	88	80-120	0	30		6010B
Arsenic	43.6		50.0	87	80-120	0	30		6010B
Barium	45.1		50.0	90	80-120	0	30		6010B
Beryllium	44.2		50.0	88	80-120	0	30		6010B
Cadmium	43.7		50.0	87	80-120	0	30		6010B
Calcium	898		1000	90	80-120	0	30		6010B
Chromium	44.7		50.0	89	80-120	0	30		6010B
Cobalt	44.2		50.0	88	80-120	0	30		6010B
Copper	44.7		50.0	89	80-120	1	30		6010B
Iron	221		250	88	80-120	0	30		6010B
Lead	43.5		50.0	87	80-120	0	30		6010B
Magnesium	872		1000	87	80-120	0	30		6010B
Manganese	44.7		50.0	89	80-120	0	30		6010B
Nickel	44.0		50.0	88	80-120	1	30		6010B
Potassium	810		1000	81	80-120	2	30		6010B
Selenium	43.9		50.0	88	80-120	1	30		6010B
Silver	43.6		50.0	87	80-120	0	30		6010B
Sodium	848		1000	85	80-120	0	30		6010B
Thallium	42.8		50.0	86	80-120	0	30		6010B
Vanadium	45.0		50.0	90	80-120	0	30		6010B
Zinc	42.9		50.0	86	80-120	0	30		6010B
Tin	44.4		50.0	89	80-120	0	30		6010B

SDR = Spike Duplicate Results
Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIID - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG Number: OCRI-17A

Matrix: Solid Instrument ID: Varian ICP

Analysis Method: 6010B MDL Date: 06/24/2009 13:14

Prep Method: 3050B

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (ug/Kg)
Aluminum	237.312	2.5	650
Antimony	217.582	0.5	181
Arsenic	188.980	1	91.2
Barium	493.408	0.5	65
Beryllium	313.042	0.2	25
Cadmium	214.439	0.2	7
Calcium	373.690	10	2500
Chromium	267.716	0.5	66.5
Cobalt	228.615	0.5	65
Copper	327.395	1	65
Iron	273.955	5	797
Lead	220.353	0.5	57.1
Magnesium	279.078	10	500
Manganese	257.610	1	66.8
Nickel	216.555	1	65
Potassium	404.721	200	31260
Selenium	196.026	0.5	234
Silver	338.289	0.5	50.3
Sodium	330.237	100	13000
Thallium	190.794	1	72.3
Tin	283.998	5	320
Vanadium	292.401	1	65
Zinc	202.548	2.5	588

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	CaCO3	Cd	Co	Cr	Cr6
Aluminum	237.312														
Antimony	217.528														
Arsenic	188.980														
Barium	493.408														
Beryllium	313.004 2														
Bismuth															
Boron	249.678														
Cadmium	214.439														
Calcium	373.690														
Chromium	267.716														
Cobalt	228.615														
Copper	327.395														
Gold															
Iron	273.955														
Lanthanum															
Lead	220.353														
Lithium	610.365														
Lutetium															
Magnesium	279.078														
Manganese	257.610														
Molybdenum	202.032														
Nickel	216.555														
Palladium															
Phosphorus															
Potassium	404.721														
Selenium	196.026														
Silicon	251.611														
Silver	338.289														
Sodium	330.237														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	CaCO3	Cd	Co	Cr	Cr6
Strontium	421.552														
Sulfur															
Thallium	190.794														
Thorium															
Tin	283.998														
Titanium	336.122														
Tungsten															
Uranium															
Vanadium	292.401														
Yttrium															
Zinc	202.548														
Zirconium	339.198														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Cu	Fe	HardC	K	La	Li	Lu	Mg	MgHAR	Mn	Mo	Na	Ni	P
Aluminum	237.312														
Antimony	217.528														
Arsenic	188.980														
Barium	493.408														
Beryllium	313.004 2														
Bismuth															
Boron	249.678														
Cadmium	214.439														
Calcium	373.690														
Chromium	267.716														
Cobalt	228.615														
Copper	327.395														
Gold															
Iron	273.955														
Lanthanum															
Lead	220.353														
Lithium	610.365														
Lutetium															
Magnesium	279.078														
Manganese	257.610														
Molybdenum	202.032														
Nickel	216.555														
Palladium															
Phosphorus															
Potassium	404.721														
Selenium	196.026														
Silicon	251.611														
Silver	338.289														
Sodium	330.237														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Cu	Fe	HardC	K	La	Li	Lu	Mg	MgHAR	Mn	Mo	Na	Ni	P
Strontium	421.552														
Sulfur															
Thallium	190.794														
Thorium															
Tin	283.998														
Titanium	336.122														
Tungsten															
Uranium															
Vanadium	292.401														
Yttrium															
Zinc	202.548														
Zirconium	339.198														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Pb	Pd	Pt	S	Sb	Sc	Se	Si	SiO2	Sn	Sr	Te	Th	Ti
Aluminum	237.312														
Antimony	217.528														
Arsenic	188.980														
Barium	493.408														
Beryllium	313.004 2														
Bismuth															
Boron	249.678														
Cadmium	214.439														
Calcium	373.690														
Chromium	267.716														
Cobalt	228.615														
Copper	327.395														
Gold															
Iron	273.955														
Lanthanum															
Lead	220.353														
Lithium	610.365														
Lutetium															
Magnesium	279.078														
Manganese	257.610														
Molybdenum	202.032														
Nickel	216.555														
Palladium															
Phosphorus															
Potassium	404.721														
Selenium	196.026														
Silicon	251.611														
Silver	338.289														
Sodium	330.237														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Pb	Pd	Pt	S	Sb	Sc	Se	Si	SiO2	Sn	Sr	Te	Th	Ti
Strontium	421.552														
Sulfur															
Thallium	190.794														
Thorium															
Tin	283.998														
Titanium	336.122														
Tungsten															
Uranium															
Vanadium	292.401														
Yttrium															
Zinc	202.548														
Zirconium	339.198														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Tl	U	V	V2O5	W	Y	Zn	Zr						
Aluminum	237.312														
Antimony	217.528														
Arsenic	188.980														
Barium	493.408														
Beryllium	313.004 2														
Bismuth															
Boron	249.678														
Cadmium	214.439														
Calcium	373.690														
Chromium	267.716														
Cobalt	228.615														
Copper	327.395														
Gold															
Iron	273.955														
Lanthanum															
Lead	220.353														
Lithium	610.365														
Lutetium															
Magnesium	279.078														
Manganese	257.610														
Molybdenum	202.032														
Nickel	216.555														
Palladium															
Phosphorus															
Potassium	404.721														
Selenium	196.026														
Silicon	251.611														
Silver	338.289														
Sodium	330.237														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Westfield Job Number: 360-24665-2

SDG No.: OCRI-17A

ICP-AES Instrument ID: Varian ICP Date: 01/01/2009

Analyte	Wave Length	Tl	U	V	V2O5	W	Y	Zn	Zr						
Strontium	421.552														
Sulfur															
Thallium	190.794														
Thorium															
Tin	283.998														
Titanium	336.122														
Tungsten															
Uranium															
Vanadium	292.401														
Yttrium															
Zinc	202.548														
Zirconium	339.198														

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Westfield Job No: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Date: 01/01/2009 14:05

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		200000	6010B
Antimony		50000	6010B
Arsenic		50000	6010B
Barium		10000	6010B
Beryllium		8000	6010B
Cadmium		15000	6010B
Calcium		500000	6010B
Chromium		50000	6010B
Cobalt		50000	6010B
Copper		50000	6010B
Iron		700000	6010B
Lead		50000	6010B
Magnesium		175000	6010B
Manganese		15000	6010B
Nickel		50000	6010B
Potassium		75000	6010B
Selenium		50000	6010B
Silver		25000	6010B
Sodium		500000	6010B
Thallium		50000	6010B
Vanadium		50000	6010B
Zinc		20000	6010B
Tin			6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Preparation Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 360-49480/1-A	09/25/2009 08:24	49480	2.0		100
LCS 360-49480/2-A	09/25/2009 08:24	49480	2.0		100
LCSD 360-49480/3-A	09/25/2009 08:24	49480	2.0		100
360-24665-14	09/25/2009 08:24	49480	1.73		100
360-24665-18	09/25/2009 08:24	49480	1.57		100

FORM XII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/25/2009 09:52 End Date: 09/25/2009 16:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Sn
ZZZZZZ			09:52																				
ZZZZZZ			09:55																				
ZZZZZZ			09:58																				
ZZZZZZ			10:01																				
ZZZZZZ			10:04																				
ICV 360-49515/6	1		10:07	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
ICB 360-49515/7	1		10:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 360-49515/8	1		10:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 360-49515/9	1		10:15	X		X	X	X		X		X							X	X	X	X	
ICSA 360-49515/10	1		10:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 360-49515/11	1		10:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:24																				
CCV 360-49515/13	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/14	1		10:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 360-49515/15			10:33																				
ICV 360-49515/16	1		10:36												X								
ICV 360-49515/17			10:38																				
CRI 360-49515/18	1		10:45	X																			
CCV 360-49515/19	1		12:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/20	1		13:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 360-49480/1-A	1	T	13:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 360-49515/22	1		13:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/23	1		13:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:51																				
ZZZZZZ			13:54																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:05																				
CCV 360-49515/34	1		14:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/35	1		14:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:14																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:26																				
ZZZZZZ			14:28																				
ZZZZZZ			14:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/25/2009 09:52 End Date: 09/25/2009 16:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Sn
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
360-24665-14	1	T	14:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 360-49515/46	1		14:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/47	1		14:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:49																				
ZZZZZZ			14:52																				
ZZZZZZ			14:54																				
360-24665-18	1	T	14:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:13																				
CCV 360-49515/53	1		15:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/54	1		15:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 360-49515/55	1		16:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49515/56	1		16:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 360-49515/57	1		16:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 360-49515/58	1		16:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/25/2009 09:52 End Date: 09/25/2009 16:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Tl	V	Zn																	
ZZZZZZ			09:52																				
ZZZZZZ			09:55																				
ZZZZZZ			09:58																				
ZZZZZZ			10:01																				
ZZZZZZ			10:04																				
ICV 360-49515/6	1		10:07	X	X	X																	
ICB 360-49515/7	1		10:09	X	X	X																	
CRI 360-49515/8	1		10:12	X	X	X																	
CRI 360-49515/9	1		10:15	X	X	X																	
ICSA 360-49515/10	1		10:18	X	X	X																	
ICSAB 360-49515/11	1		10:21	X	X	X																	
ZZZZZZ			10:24																				
CCV 360-49515/13	1		10:27	X	X	X																	
CCB 360-49515/14	1		10:30	X	X	X																	
ICB 360-49515/15			10:33																				
ICV 360-49515/16	1		10:36																				
ICV 360-49515/17			10:38																				
CRI 360-49515/18	1		10:45																				
CCV 360-49515/19	1		12:57	X	X	X																	
CCB 360-49515/20	1		13:00	X	X	X																	
MB 360-49480/1-A	1	T	13:31	X	X	X																	
CCV 360-49515/22	1		13:33	X	X	X																	
CCB 360-49515/23	1		13:36	X	X	X																	
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:51																				
ZZZZZZ			13:54																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:05																				
CCV 360-49515/34	1		14:08	X	X	X																	
CCB 360-49515/35	1		14:11	X	X	X																	
ZZZZZZ			14:14																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:26																				
ZZZZZZ			14:28																				
ZZZZZZ			14:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/25/2009 09:52 End Date: 09/25/2009 16:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Tl	V	Zn																	
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
360-24665-14	1	T	14:40	X	X	X																	
CCV 360-49515/46	1		14:43	X	X	X																	
CCB 360-49515/47	1		14:46	X	X	X																	
ZZZZZZ			14:49																				
ZZZZZZ			14:52																				
ZZZZZZ			14:54																				
360-24665-18	1	T	14:57	X	X	X																	
ZZZZZZ			15:13																				
CCV 360-49515/53	1		15:30	X	X	X																	
CCB 360-49515/54	1		15:33	X	X	X																	
CCV 360-49515/55	1		16:17	X	X	X																	
CCB 360-49515/56	1		16:19	X	X	X																	
ICSA 360-49515/57	1		16:22	X	X	X																	
ICSAB 360-49515/58	1		16:25	X	X	X																	

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/28/2009 10:00 End Date: 09/28/2009 15:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Sn
ZZZZZZ			10:00																				
ZZZZZZ			10:03																				
ZZZZZZ			10:06																				
ZZZZZZ			10:09																				
ZZZZZZ			10:12																				
ICV 360-49582/6	1		10:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 360-49582/7	1		10:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 360-49582/8	1		10:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 360-49582/9	1		10:23	X		X	X	X		X		X							X	X	X	X	
ICSA 360-49582/10	1		10:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 360-49582/11	1		10:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:32																				
CCV 360-49582/13	1		10:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49582/14	1		10:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 360-49582/15			10:41																				
ICV 360-49582/16			10:44																				
ICV 360-49582/17			10:47																				
CRI 360-49582/18	1		10:57	X																			
LCS 360-49480/2-A	1	T	11:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCSD 360-49480/3-A	1	T	11:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:36																				
ZZZZZZ			12:39																				
CCV 360-49582/25	1		12:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49582/26	1		12:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:48																				
ZZZZZZ			12:51																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:02																				
ZZZZZZ			13:05																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
CCV 360-49582/37			13:17																				
CCB 360-49582/38			13:20																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				
ZZZZZZ			13:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/28/2009 10:00 End Date: 09/28/2009 15:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Sn
ZZZZZZ			13:34																				
ZZZZZZ			13:37																				
ZZZZZZ			13:40																				
ZZZZZZ			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
CCV 360-49582/49	1		13:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 360-49582/50	1		13:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:57																				
ICSA 360-49582/52	1		15:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 360-49582/53	1		15:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 360-49582/54			15:26																				
CCB 360-49582/55			15:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/28/2009 10:00 End Date: 09/28/2009 15:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Tl	V	Zn																	
ZZZZZZ			10:00																				
ZZZZZZ			10:03																				
ZZZZZZ			10:06																				
ZZZZZZ			10:09																				
ZZZZZZ			10:12																				
ICV 360-49582/6	1		10:15	X	X	X																	
ICB 360-49582/7	1		10:18	X	X	X																	
CRI 360-49582/8	1		10:20	X	X	X																	
CRI 360-49582/9	1		10:23	X	X	X																	
ICSA 360-49582/10	1		10:26	X	X	X																	
ICSAB 360-49582/11	1		10:29	X	X	X																	
ZZZZZZ			10:32																				
CCV 360-49582/13	1		10:35	X	X	X																	
CCB 360-49582/14	1		10:38	X	X	X																	
ICB 360-49582/15			10:41																				
ICV 360-49582/16			10:44																				
ICV 360-49582/17			10:47																				
CRI 360-49582/18	1		10:57																				
LCS 360-49480/2-A	1	T	11:00	X	X	X																	
LCSD 360-49480/3-A	1	T	11:03	X	X	X																	
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:36																				
ZZZZZZ			12:39																				
CCV 360-49582/25	1		12:42	X	X	X																	
CCB 360-49582/26	1		12:45	X	X	X																	
ZZZZZZ			12:48																				
ZZZZZZ			12:51																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:02																				
ZZZZZZ			13:05																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
CCV 360-49582/37			13:17																				
CCB 360-49582/38			13:20																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				
ZZZZZZ			13:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Westfield Job No.: 360-24665-2

SDG No.: OCRI-17A

Instrument ID: Varian ICP Method: 6010B

Start Date: 09/28/2009 10:00 End Date: 09/28/2009 15:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				Tl	V	Zn																	
ZZZZZZ			13:34																				
ZZZZZZ			13:37																				
ZZZZZZ			13:40																				
ZZZZZZ			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
CCV 360-49582/49	1		13:51	X	X	X																	
CCB 360-49582/50	1		13:54	X	X	X																	
ZZZZZZ			13:57																				
ICSA 360-49582/52	1		15:00	X	X	X																	
ICSAB 360-49582/53	1		15:02	X	X	X																	
CCV 360-49582/54			15:26																				
CCB 360-49582/55			15:28																				

Prep Types
T = Total/NA

MET092509emn@720/725/730/735-ES@Quant@. All Data Report 9/25/2009, 4:28:10 PM

Blank (Blk) **9/25/2009, 9:52:31 AM** **Rack 0, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	0.000000	ug/L	6.389	81.1	7.87518
Al 237.312	0.000000	ug/L	1.160	33.1	3.50653
As 188.980	0.000000	ug/L	0.838	85.6	0.978622
B 249.678	0.000000	ug/L	4.990	18.8	26.5834
Ba 493.408	0.000000	ug/L	19.673	13.6	145.140
Be 313.042	0.000000	ug/L	0.927	0.6	153.847
Ca 373.690	0.000000	ug/L	3.705	14.1	26.2260
Cd 214.439	0.000000	ug/L	1.922	31.3	6.13583
Co 228.615	0.000000	ug/L	0.334	3.1	10.7839
Cr 267.716	0.000000	ug/L	0.091	0.4	21.5432
Cu 327.395	0.000000	ug/L	13.178	23.1	56.9423
Fe 273.955	0.000000	ug/L	0.207	2.2	9.27411
K 404.721	0.000000	ug/L	0.591	3.7	15.7971
Li 610.365	0.000000	ug/L	6.651	428.9	-1.55078
Mg 279.078	0.000000	ug/L	1.754	20.7	8.48785
Mn 257.610	0.000000	ug/L	2.197	5.2	42.3375
Mo 202.032	0.000000	ug/L	2.603	24.3	10.6993
Na 330.237	0.000000	ug/L	2.349	26.3	8.94360
Ni 216.555	0.000000	ug/L	1.679	57.2	2.93701
Pb 220.353	0.000000	ug/L	0.809	14.9	5.42215
Sb 217.582	0.000000	ug/L	0.659	19.4	3.40337
Se 196.026	0.000000	ug/L	0.162	5.9	2.74597
Si 251.611	0.000000	ug/L	2.161	4.3	50.0795
Si 288.158	0.000000	ug/L	0.615	0.1	452.266
Sn 283.998	0.000000	ug/L	1.141	14.1	8.10754
Sr 421.552	0.000000	ug/L	2.452	9.9	24.8875
Ti 336.122	0.000000	ug/L	14.510	48.9	29.6897
Tl 190.794	0.000000	ug/L	0.557	28.7	1.94154
V 292.401	0.000000	ug/L	3.339	40.5	8.24457
Zn 202.548	0.000000	ug/L	0.727	1.4	51.4470
Zr 339.198	0.000000	ug/L	2.981	168.9	1.76459

Standard 1 (Std) **9/25/2009, 9:55:24 AM** **Rack 0, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	1000.00	ug/L	6.326	0.1	8662.10
Al 237.312	5000.00	ug/L	4.777	0.0	22426.6
As 188.980	1000.00	ug/L	2.431	0.2	1073.15
B 249.678	1000.00	ug/L	163.408	0.5	30183.8
Ba 493.408	1000.00	ug/L	504.874	0.0	2485841
Be 313.042	1000.00	ug/L	4313.175	0.1	3448717
Ca 373.690	20000.0	ug/L	78.820	0.1	100237
Cd 214.439	1000.00	ug/L	9.071	0.0	39517.8
Co 228.615	1000.00	ug/L	3.101	0.0	9071.70
Cr 267.716	1000.00	ug/L	62.571	0.1	48065.8
Cu 327.395	1000.00	ug/L	338.754	0.5	69176.7
Fe 273.955	5000.00	ug/L	5.789	0.0	79308.4
K 404.721	20000.0	ug/L	8.456	2.9	288.259
Li 610.365	5000.00	ug/L	56.524	0.0	378545
Mg 279.078	20000.0	ug/L	98.619	0.1	89909.1
Mn 257.610	1000.00	ug/L	299.990	0.1	304587
Mo 202.032	1000.00	ug/L	21.996	0.2	9259.27
Na 330.237	20000.0	ug/L	1.523	0.1	2773.75

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ni 216.555	1000.00	ug/L	45.474	0.5	8654.15
Pb 220.353	1000.00	ug/L	4.527	0.1	5151.68
Sb 217.582	1000.00	ug/L	1.393	0.1	1964.46
Se 196.026	1000.00	ug/L	1.384	0.2	563.867
Si 251.611	1000.00	ug/L	41.578	0.8	5291.04
Si 288.158	1000.00	ug/L	83.100	0.7	12712.1
Sn 283.998	1000.00	ug/L	5.303	0.1	4668.34
Sr 421.552	1000.00	ug/L	1344.033	0.1	2450369
Ti 336.122	1000.00	ug/L	848.561	0.3	244896
Tl 190.794	1000.00	ug/L	1.305	0.2	821.169
V 292.401	1000.00	ug/L	13.360	0.0	39407.7
Zn 202.548	1000.00	ug/L	3.656	0.0	24292.9
Zr 339.198	1000.00	ug/L	315.707	0.5	57516.8

Standard 2 (Std) **9/25/2009, 9:58:16 AM** **Rack 0, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Al 237.312	25000.0	ug/L	310.867	0.3	105263
Ca 373.690	100000	ug/L	1189.133	0.3	469549
Fe 273.955	25000.0	ug/L	935.569	0.3	360197
K 404.721	100000	ug/L	8.773	0.5	1831.64
Mg 279.078	100000	ug/L	1230.852	0.3	422754
Na 330.237	100000	ug/L	39.798	0.2	15989.8

RB (ICV) **9/25/2009, 10:01:10 AM** **Rack 0, Tube 4**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	2.81151	ug/L	0.278084	9.9	32.2066	-
Al 237.312	0.806457	ug/L	0.040266	5.0	7.17847	-
As 188.980	5.52627	ug/L	2.09102	37.8	6.90373	-
B 249.678	6.04680	ug/L	0.466897	7.7	208.938	-
Ba 493.408	0.184718	ug/L	0.100377	54.3	604.293	-
Be 313.042	0.161040	ug/L	0.082191	51.0	709.203	-
Ca 373.690	5.35291	ug/L	2.03002	37.9	53.4688	-
Cd 214.439	0.105596	ug/L	0.051456	48.7	10.3081	-
Co 228.615	0.069446uv	ug/L	0.238919	344.0	11.4132	-
Cr 267.716	0.078219	ug/L	0.032921	42.1	25.3011	-
Cu 327.395	0.374702	ug/L	0.163888	43.7	82.8416	-
Fe 273.955	3.17925	ug/L	1.00257	31.5	60.8499	-
K 404.721	-138.009uv	ug/L	183.508	133.0	14.0735	-
Li 610.365	-0.216249uv	ug/L	0.036976	17.1	-17.9229	-
Mg 279.078	4.20295	ug/L	1.99579	47.5	27.6613	-
Mn 257.610	0.303118	ug/L	0.084024	27.7	134.650	-
Mo 202.032	2.07395	ug/L	1.28800	62.1	29.8803	-
Na 330.237	9.19256uv	ug/L	58.0713	631.7	10.1652	-
Ni 216.555	0.221082	ug/L	0.050501	22.8	4.84964	-
Pb 220.353	0.713979	ug/L	0.450071	63.0	9.09647	-
Sb 217.582	0.695651	ug/L	0.298446	42.9	4.76758	-
Se 196.026	7.13625	ug/L	3.27655	45.9	6.75027	-
Si 251.611	-0.115387uv	ug/L	1.31490	1139.6	49.4748	-
Si 288.158	1.39370	ug/L	1.38482	99.4	469.353	-
Sn 283.998	0.272903	ug/L	0.005797	2.1	9.37933	-
Sr 421.552	0.178040	ug/L	0.091764	51.5	461.146	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ti 336.122	0.127811	ug/L	0.055718	43.6	60.9863	-
Tl 190.794	-0.189620uv	ug/L	0.220486	116.3	1.78619	-
V 292.401	0.457097	ug/L	0.200508	43.9	26.2539	-
Zn 202.548	0.334643	ug/L	0.078309	23.4	59.5592	-
Zr 339.198	0.526854	ug/L	0.130773	24.8	32.0666	-

IPC (ICV) **9/25/2009, 10:04:05 AM** **Rack 0, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	996.844	ug/L	0.114283	0.0	8634.78	99.68438
Al 237.312	5067.05	ug/L	1.41698	0.0	22722.6	101.34093
As 188.980	998.181	ug/L	3.62181	0.4	1071.20	99.81810
B 249.678	994.206	ug/L	10.5045	1.1	30009.1	99.42057
Ba 493.408	995.933	ug/L	1.11586	0.1	2475733	99.59332
Be 313.042	994.750	ug/L	2.23461	0.2	3430614	99.47505
Ca 373.690	19886.2	ug/L	0.390845	0.0	99675.8	99.43102
Cd 214.439	996.068	ug/L	1.25971	0.1	39362.4	99.60682
Co 228.615	995.315	ug/L	0.335427	0.0	9029.25	99.53150
Cr 267.716	992.894	ug/L	1.57973	0.2	47724.4	99.28941
Cu 327.395	993.011	ug/L	2.60046	0.3	68693.6	99.30109
Fe 273.955	4978.54	ug/L	4.90003	0.1	78975.8	99.57083
K 404.721	19944.1	ug/L	92.6462	0.5	287.435	99.72043
Li 610.365	4973.99	ug/L	3.76583	0.1	376576	99.47980
Mg 279.078	19919.5	ug/L	7.10559	0.0	89552.7	99.59758
Mn 257.610	994.738	ug/L	1.09605	0.1	302985	99.47381
Mo 202.032	997.745	ug/L	3.66156	0.4	9238.42	99.77454
Na 330.237	19820.0	ug/L	37.4352	0.2	2747.91	99.10014
Ni 216.555	996.520	ug/L	3.29601	0.3	8624.04	99.65196
Pb 220.353	996.787	ug/L	2.30794	0.2	5135.14	99.67872
Sb 217.582	993.941	ug/L	0.595801	0.1	1952.58	99.39407
Se 196.026	1001.57	ug/L	2.41467	0.2	564.749	100.15717
Si 251.611	994.537	ug/L	7.94006	0.8	5262.40	99.45370
Si 288.158	994.596	ug/L	6.31174	0.6	12645.8	99.45962
Sn 283.998	998.197	ug/L	1.94592	0.2	4659.94	99.81975
Sr 421.552	995.393	ug/L	1.93332	0.2	2439080	99.53928
Ti 336.122	997.089	ug/L	0.055890	0.0	244184	99.70894
Tl 190.794	995.501	ug/L	0.768996	0.1	817.484	99.55010
V 292.401	995.169	ug/L	1.12652	0.1	39217.3	99.51688
Zn 202.548	995.211	ug/L	0.902053	0.1	24176.8	99.52113
Zr 339.198	1021.46	ug/L	0.111608	0.0	58750.9	102.14571

ICV (ICV) **9/25/2009, 10:07:01 AM** **Rack 0, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	1005.67	ug/L	0.090158	0.0	8711.21	100.56747
Al 237.312	1005.68	ug/L	0.251613	0.0	4568.68	100.56794
As 188.980	1001.50	ug/L	0.626271	0.1	1074.76	100.14980
B 249.678	994.751	ug/L	9.08074	0.9	30025.5	99.47512
Ba 493.408	1006.53	ug/L	0.062234	0.0	2502068	100.65280
Be 313.042	1009.22	ug/L	1.32561	0.1	3480504	100.92174
Ca 373.690	10102.5	ug/L	15.9506	0.2	51039.5	101.02531

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Cd 214.439	1011.47	ug/L	1.37848	0.1	39971.0	101.14698
Co 228.615	1011.91	ug/L	0.752294	0.1	9179.62	101.19099
Cr 267.716	995.387	ug/L	2.39417	0.2	47844.1	99.53865
Cu 327.395	997.634	ug/L	8.52939	0.9	69013.1	99.76341
Fe 273.955	999.374	ug/L	0.828943	0.1	16149.5	99.93742
K 404.721	8943.66	ug/L	29.0466	0.3	132.032	89.43660Q
Li 610.365	10117.8	ug/L	13.6740	0.1	766012	101.17818
Mg 279.078	9984.75	ug/L	10.2075	0.1	45224.7	99.84750
Mn 257.610	1008.47	ug/L	1.38090	0.1	307165	100.84661
Mo 202.032	997.309	ug/L	3.80221	0.4	9234.38	99.73086
Na 330.237	9384.92	ug/L	13.9902	0.1	1279.46	93.84924
Ni 216.555	1010.04	ug/L	0.753243	0.1	8740.97	101.00365
Pb 220.353	1014.63	ug/L	0.131892	0.0	5226.94	101.46252
Sb 217.582	958.018	ug/L	1.09894	0.1	1882.13	95.80184
Se 196.026	1018.60	ug/L	4.51165	0.4	574.305	101.86015
Si 251.611	573.645	ug/L	20.2081	3.5	3056.53	114.72903Q
Si 288.158	569.828	ug/L	21.7948	3.8	7438.24	113.96552Q
Sn 283.998	1003.92	ug/L	0.294297	0.0	4686.62	100.39217
Sr 421.552	998.778	ug/L	0.976803	0.1	2447374	99.87776
Ti 336.122	984.364	ug/L	0.668437	0.1	241068	98.43639
Tl 190.794	1005.68	ug/L	0.343066	0.0	825.821	100.56783
V 292.401	1008.15	ug/L	1.45849	0.1	39728.9	100.81548
Zn 202.548	1018.71	ug/L	1.00663	0.1	24746.5	101.87135
Zr 339.198	1049.67	ug/L	4.80474	0.5	60373.7	104.96729

ICB (ICB) **9/25/2009, 10:09:55 AM** **Rack 0, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.274066uv	ug/L	0.509419	185.9	5.50336	-0.27407
Al 237.312	1.07271	ug/L	0.122390	11.4	8.39075	1.07271
As 188.980	1.94403	ug/L	2.15855	111.0	3.06295	1.94403
B 249.678	22.5269	ug/L	2.87503	12.8	705.933	22.52691
Ba 493.408	0.035852	ug/L	0.028132	78.5	234.257	0.03585
Be 313.042	0.047911	ug/L	0.021236	44.3	319.070	0.04791
Ca 373.690	-0.743450uv	ug/L	0.039924	5.4	22.4423	-0.74345
Cd 214.439	-0.022836uv	ug/L	0.021915	96.0	5.23355	-0.02284
Co 228.615	0.212566	ug/L	0.227718	107.1	12.7100	0.21257
Cr 267.716	-0.024707uv	ug/L	0.019265	78.0	20.3561	-0.02471
Cu 327.395	0.265115	ug/L	0.066718	25.2	75.2670	0.26512
Fe 273.955	1.00647	ug/L	0.342362	34.0	25.6019	1.00647
K 404.721	79.6068	ug/L	74.9883	94.2	16.7919	79.60682
Li 610.365	0.070660	ug/L	0.074827	105.9	3.79883	0.07066
Mg 279.078	0.984367	ug/L	1.07243	108.9	12.9785	0.98437
Mn 257.610	0.009536uv	ug/L	0.029093	305.1	45.2415	0.00954
Mo 202.032	10.7366	ug/L	2.22842	20.8	109.998	10.73661
Na 330.237	13.9874	ug/L	13.8815	99.2	10.8019	13.98736
Ni 216.555	0.179602	ug/L	0.059331	33.0	4.49078	0.17960
Pb 220.353	0.281778	ug/L	0.102112	36.2	6.87225	0.28178
Sb 217.582	4.08724	ug/L	0.030327	0.7	11.4187	4.08724
Se 196.026	2.77598	ug/L	0.373497	13.5	4.30363	2.77598
Si 251.611	-0.157370uv	ug/L	0.947154	601.9	49.2548	-0.15737
Si 288.158	1.53580	ug/L	0.573199	37.3	471.095	1.53580
Sn 283.998	0.426125uv	ug/L	0.815560	191.4	10.0934	0.42612

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sr 421.552	0.045444	ug/L	0.022426	49.3	136.241	0.04544
Ti 336.122	0.419094	ug/L	0.152766	36.5	132.312	0.41909
Tl 190.794	-1.23707uv	ug/L	0.440940	35.6	0.928097	-1.23707
V 292.401	0.199419	ug/L	0.050332	25.2	16.1016	0.19942
Zn 202.548	-0.098371uv	ug/L	0.025792	26.2	49.0623	-0.09837
Zr 339.198	0.322453	ug/L	0.116476	36.1	20.3105	0.32245

CRI-RL (CRI) **9/25/2009, 10:12:50 AM** **Rack 0, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	3.41909	ug/L	0.493142	14.4	37.4648	68.38188R
Al 237.312	106.385	ug/L	0.453508	0.4	487.740	106.38464
As 188.980	10.5038	ug/L	0.878159	8.4	12.2405	105.03777
B 249.678	20.6407	ug/L	0.551542	2.7	649.050	206.40710R
Ba 493.408	11.2318	ug/L	0.008874	0.1	28064.0	112.31804
Be 313.042	1.02716	ug/L	0.004206	0.4	3696.09	102.71638
Ca 373.690	419.572	ug/L	0.839193	0.2	2160.89	104.89310
Cd 214.439	0.938736	ug/L	0.044423	4.7	43.2268	93.87360
Co 228.615	10.8686	ug/L	0.150956	1.4	109.264	108.68641
Cr 267.716	5.21971	ug/L	0.018435	0.4	272.320	104.39421
Cu 327.395	11.0059	ug/L	0.116876	1.1	817.668	110.05914
Fe 273.955	107.794	ug/L	0.133041	0.1	1757.16	107.79387
K 404.721	3216.18	ug/L	11.4428	0.4	56.5513	80.40440
Li 610.365	81.8988	ug/L	0.045985	0.1	6198.96	-R
Mg 279.078	428.480	ug/L	0.705078	0.2	1962.57	107.11998
Mn 257.610	10.8068	ug/L	0.015332	0.1	3333.50	108.06815
Mo 202.032	12.8452	ug/L	0.882279	6.9	129.499	128.45169
Na 330.237	2000.60	ug/L	8.94569	0.4	275.799	100.02998
Ni 216.555	11.0264	ug/L	0.220915	2.0	98.3284	110.26366
Pb 220.353	5.71961	ug/L	0.265705	4.6	34.8567	114.39220
Sb 217.582	10.3885	ug/L	0.258063	2.5	23.7758	103.88488
Se 196.026	12.6042	ug/L	1.58860	12.6	9.81845	126.04191
Si 251.611	97.7303	ug/L	0.724705	0.7	562.280	97.73031
Si 288.158	100.991	ug/L	0.544135	0.5	1690.39	100.99092
Sn 283.998	31.1748	ug/L	0.509114	1.6	153.389	62.34953R
Sr 421.552	22.2274	ug/L	0.025524	0.1	54489.7	111.13703
Ti 336.122	10.6353	ug/L	0.148577	1.4	2633.91	106.35270
Tl 190.794	11.0056	ug/L	0.221619	2.0	10.9576	110.05623
V 292.401	10.4772	ug/L	0.310042	3.0	421.042	104.77238
Zn 202.548	52.5212	ug/L	0.288603	0.5	1324.63	105.04240
Zr 339.198	10.8871	ug/L	0.000927	0.0	627.938	-R

CRI2-MCP (CRI) **9/25/2009, 10:15:45 AM** **Rack 0, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	7.16686	ug/L	0.523353	7.3	69.8988	102.38375
Al 237.312	0.697568	ug/L	0.034635	5.0	6.68268	-
As 188.980	49.6064	ug/L	0.081906	0.2	54.1652	99.21278
B 249.678	7.19514	ug/L	0.419748	5.8	243.569	-
Ba 493.408	2142.66	ug/L	4.93542	0.2	5326143	107.13291
Be 313.042	4.19285	ug/L	0.007760	0.2	14613.2	104.82133

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ca 373.690	11.9060	ug/L	1.45087	12.2	86.8196	-
Cd 214.439	5.16417	ug/L	0.042735	0.8	210.180	103.28333
Co 228.615	-0.075668uv	ug/L	0.189370	250.3	10.0983	-
Cr 267.716	107.408	ug/L	0.107432	0.1	5181.88	107.40807
Cu 327.395	0.310327	ug/L	0.112055	36.1	78.3920	-
Fe 273.955	0.758750	ug/L	0.006752	0.9	21.5832	-
K 404.721	83.2723	ug/L	2.11324	2.5	16.8375	-
Li 610.365	0.015969uv	ug/L	0.048559	304.1	-0.341797	-
Mg 279.078	-0.213439uv	ug/L	0.318215	149.1	7.51416	-
Mn 257.610	0.035565	ug/L	0.000753	2.1	53.1686	-
Mo 202.032	1.28146	ug/L	0.446961	34.9	22.5510	-
Na 330.237	104.392	ug/L	13.2348	12.7	22.8148	-
Ni 216.555	111.184	ug/L	0.136661	0.1	964.814	111.18407
Pb 220.353	16.3020	ug/L	0.046084	0.3	89.3162	108.67973
Sb 217.582	6.63209	ug/L	0.637255	9.6	16.4093	110.53480
Se 196.026	48.7429	ug/L	1.52896	3.1	30.0966	97.48582
Si 251.611	-0.904006uv	ug/L	1.50574	166.6	45.3417	-
Si 288.158	-0.010022uv	ug/L	1.00240	10002.4	452.143	-
Sn 283.998	49.5044	ug/L	0.362123	0.7	238.810	-
Sr 421.552	0.011483	ug/L	0.002678	23.3	53.0249	-
Ti 336.122	0.058577	ug/L	0.003043	5.2	44.0332	-
Tl 190.794	2.48885	ug/L	0.319403	12.8	3.98047	124.44258
V 292.401	52.1802	ug/L	0.215760	0.4	2064.11	104.36043
Zn 202.548	959.375	ug/L	0.994412	0.1	23308.1	106.59724
Zr 339.198	0.056633	ug/L	0.020053	35.4	5.02185	-

Interf Check A (ICSA) **9/25/2009, 10:18:40 AM** **Rack 0, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.253641uv	ug/L	0.533536	210.4	5.68011	-0.25364
Al 237.312	114728	ug/L	156.989	0.1	4522964	727.93750K
As 188.980	2.34236	ug/L	0.513933	21.9	3.49004	2.34236
B 249.678	5.05210	ug/L	0.321119	6.4	178.941	5.05210
Ba 493.408	0.595364	ug/L	0.100028	16.8	1625.03	0.59536
Be 313.042	0.009608	ug/L	0.002829	29.4	186.982	0.00961
Ca 373.690	105635	ug/L	302.305	0.3	4937855	634.82813K
Cd 214.439	0.810609	ug/L	0.035360	4.4	38.1643	0.81061
Co 228.615	1.93552	ug/L	0.027340	1.4	28.3215	1.93552
Cr 267.716	0.367781	ug/L	0.078548	21.4	39.2129	0.36778
Cu 327.395	0.696699	ug/L	0.076042	10.9	105.098	0.69670
Fe 273.955	43995.0	ug/L	113.065	0.3	5993843	995.03906K
K 404.721	2167.71	ug/L	45.8185	2.1	43.1367	2167.70996
Li 610.365	1.15797	ug/L	0.021580	1.9	86.1182	1.15797
Mg 279.078	111202	ug/L	229.478	0.2	4663641	202.21875K
Mn 257.610	3.29541	ug/L	0.006816	0.2	1045.94	3.29541
Mo 202.032	0.450348	ug/L	0.327646	72.8	14.8644	0.45035
Na 330.237	95.7632	ug/L	14.2199	14.8	21.6681	95.76322
Ni 216.555	5.05173	ug/L	0.250573	5.0	46.6406	5.05173
Pb 220.353	-1.36716uv	ug/L	0.067376	4.9	-1.61359	-1.36716
Sb 217.582	-1.15659uv	ug/L	0.160106	13.8	1.13522	-1.15659
Se 196.026	-2.38997uv	ug/L	1.15295	48.2	1.40491	-2.38997
Si 251.611	-3.39280uv	ug/L	0.492327	14.5	32.2980	-3.39280
Si 288.158	-1.71608uv	ug/L	1.24798	72.7	431.227	-1.71608

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sn 283.998	2.40398	ug/L	0.331803	13.8	19.3107	2.40398
Sr 421.552	0.602440	ug/L	0.005237	0.9	1501.07	0.60244
Ti 336.122	1.62001	ug/L	0.083235	5.1	426.376	1.62001
Tl 190.794	-0.567361uv	ug/L	1.23727	218.1	1.47674	-0.56736
V 292.401	2.13405	ug/L	0.016002	0.7	92.3250	2.13405
Zn 202.548	-0.382952uv	ug/L	1.50715	393.6	42.1637	-0.38295
Zr 339.198	0.396170	ug/L	0.065169	16.4	24.5503	0.39617

Interf Check AB (ICSAB) **9/25/2009, 10:21:35 AM** **Rack 0, Tube 11**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	617.112	ug/L	0.791266	0.1	5348.50	102.85196
Al 237.312	113684	ug/L	115.717	0.1	448259	113.68410
As 188.980	2007.33	ug/L	4.13802	0.2	2153.18	100.36651
B 249.678	4.22608	ug/L	0.282450	6.7	154.030	-
Ba 493.408	594.494	ug/L	0.513369	0.1	1477876	99.08228
Be 313.042	192.569	ug/L	0.196651	0.1	664241	96.28454
Ca 373.690	104076	ug/L	124.782	0.1	487082	104.07630
Cd 214.439	579.826	ug/L	0.192012	0.0	22916.0	96.63772
Co 228.615	581.814	ug/L	0.489071	0.1	5282.55	96.96896
Cr 267.716	574.298	ug/L	0.738914	0.1	27613.2	95.71631
Cu 327.395	611.050	ug/L	0.604519	0.1	42292.5	101.84167
Fe 273.955	43538.8	ug/L	1.75948	0.0	593639	108.84702
K 404.721	43626.1	ug/L	76.6327	0.2	668.553	109.06525
Li 610.365	1.16225	ug/L	0.118662	10.2	86.4424	-
Mg 279.078	108746	ug/L	5.70658	0.0	456801	108.74572
Mn 257.610	388.716	ug/L	0.022572	0.0	118424	97.17896
Mo 202.032	0.266951uv	ug/L	0.500087	187.3	13.1682	-
Na 330.237	37.6796	ug/L	19.1955	50.9	13.9497	-
Ni 216.555	585.802	ug/L	1.87057	0.3	5070.83	97.63358
Pb 220.353	1899.44	ug/L	4.09409	0.2	9780.43	94.97208
Sb 217.582	948.233	ug/L	3.02583	0.3	1862.94	94.82326
Se 196.026	990.131	ug/L	0.991520	0.1	558.329	99.01309
Si 251.611	-3.63919uv	ug/L	1.10406	30.3	31.0067	-
Si 288.158	-1.11531uv	ug/L	1.27648	114.5	438.593	-
Sn 283.998	257.522	ug/L	1.18791	0.5	1208.22	-
Sr 421.552	0.632189	ug/L	0.000648	0.1	1573.97	-
Ti 336.122	1.62600	ug/L	0.003228	0.2	427.844	-
Tl 190.794	1907.11	ug/L	9.80420	0.5	1564.30	95.35558
V 292.401	593.983	ug/L	0.061975	0.0	23410.8	98.99714
Zn 202.548	564.445	ug/L	8.85070	1.6	13734.4	94.07424
Zr 339.198	1.07180	ug/L	0.058824	5.5	63.4092	-

RB (ICSAB) **9/25/2009, 10:24:30 AM** **Rack 4, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.764591uv	ug/L	0.329390	43.1	1.25824	-
Al 237.312	1.79956	ug/L	0.103547	5.8	11.7002	-
As 188.980	4.19831	ug/L	1.05803	25.2	5.47994	-
B 249.678	2.47224	ug/L	0.136994	5.5	101.139	-
Ba 493.408	-0.016280uv	ug/L	0.005649	34.7	104.673	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Be 313.042	0.005782	ug/L	0.000724	12.5	173.787	-
Ca 373.690	-1.33622uv	ug/L	0.381503	28.6	19.4254	-
Cd 214.439	-0.078390uv	ug/L	0.031093	39.7	3.03850	-
Co 228.615	0.277037	ug/L	0.008043	2.9	13.2941	-
Cr 267.716	-0.043378uv	ug/L	0.020963	48.3	19.4591	-
Cu 327.395	0.081704	ug/L	0.055422	67.8	62.5896	-
Fe 273.955	4.99730	ug/L	1.44485	28.9	90.3428	-
K 404.721	-5.71960uv	ug/L	357.628	6252.7	15.7274	-
Li 610.365	0.089183	ug/L	0.017439	19.6	5.20117	-
Mg 279.078	1.01375	ug/L	0.440466	43.4	13.1125	-
Mn 257.610	-0.059086uv	ug/L	0.001336	2.3	24.3433	-
Mo 202.032	0.021511uv	ug/L	0.067084	311.9	10.8982	-
Na 330.237	-6.26700uv	ug/L	33.4793	534.2	8.11108	-
Ni 216.555	0.257162	ug/L	0.209915	81.6	5.16177	-
Pb 220.353	0.201829	ug/L	0.169857	84.2	6.46082	-
Sb 217.582	0.952382	ug/L	0.602208	63.2	5.27104	-
Se 196.026	3.23276	ug/L	0.938857	29.0	4.55994	-
Si 251.611	-0.631925uv	ug/L	0.914988	144.8	46.7676	-
Si 288.158	0.872573	ug/L	0.746842	85.6	462.964	-
Sn 283.998	0.539623	ug/L	0.459234	85.1	10.6223	-
Sr 421.552	-0.002512uv	ug/L	0.002353	93.7	18.7317	-
Ti 336.122	0.038667	ug/L	0.019651	50.8	39.1580	-
Tl 190.794	1.25160	ug/L	0.375476	30.0	2.96688	-
V 292.401	0.112791	ug/L	0.039224	34.8	12.6885	-
Zn 202.548	-0.298780uv	ug/L	0.037146	12.4	44.2041	-
Zr 339.198	0.058032	ug/L	0.044255	76.3	5.10229	-

CCV (CCV) **9/25/2009, 10:27:24 AM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	993.448	ug/L	2.04515	0.2	8605.39	99.34479
Al 237.312	4972.03	ug/L	2.02050	0.0	22303.1	99.44067
As 188.980	999.465	ug/L	0.191796	0.0	1072.58	99.94652
B 249.678	986.781	ug/L	18.0340	1.8	29785.2	98.67806
Ba 493.408	994.067	ug/L	2.08994	0.2	2471094	99.40670
Be 313.042	992.100	ug/L	0.205520	0.0	3421473	99.20998
Ca 373.690	19810.3	ug/L	21.2049	0.1	99301.4	99.05154
Cd 214.439	991.407	ug/L	0.098746	0.0	39178.2	99.14072
Co 228.615	990.558	ug/L	1.24529	0.1	8986.15	99.05576
Cr 267.716	990.466	ug/L	1.52362	0.2	47607.7	99.04662
Cu 327.395	996.960	ug/L	1.52207	0.2	68966.5	99.69601
Fe 273.955	4961.13	ug/L	3.29730	0.1	78705.9	99.22259
K 404.721	19614.7	ug/L	98.1124	0.5	282.582	98.07355
Li 610.365	4954.65	ug/L	2.24976	0.0	375112	99.09303
Mg 279.078	19838.1	ug/L	3.59768	0.0	89192.2	99.19061
Mn 257.610	991.643	ug/L	0.770636	0.1	302042	99.16429
Mo 202.032	992.673	ug/L	3.14668	0.3	9191.50	99.26727
Na 330.237	19851.2	ug/L	13.4475	0.1	2752.39	99.25621
Ni 216.555	997.721	ug/L	1.04184	0.1	8634.43	99.77215
Pb 220.353	992.969	ug/L	0.569863	0.1	5115.49	99.29687
Sb 217.582	996.460	ug/L	2.21778	0.2	1957.52	99.64604
Se 196.026	999.567	ug/L	8.50846	0.9	563.624	99.95673
Si 251.611	989.250	ug/L	6.35542	0.6	5234.70	98.92502

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Si 288.158	989.799	ug/L	6.80957	0.7	12587.0	98.97992
Sn 283.998	992.323	ug/L	0.090158	0.0	4632.57	99.23232
Sr 421.552	992.835	ug/L	0.778491	0.1	2432811	99.28346
Ti 336.122	993.557	ug/L	1.07352	0.1	243319	99.35567
Tl 190.794	996.510	ug/L	4.46909	0.4	818.310	99.65098
V 292.401	992.255	ug/L	0.143070	0.0	39102.5	99.22554
Zn 202.548	997.441	ug/L	0.504478	0.1	24230.8	99.74410
Zr 339.198	990.673	ug/L	4.76978	0.5	56980.3	99.06733

CCB (CCB) **9/25/2009, 10:30:18 AM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.761086uv	ug/L	0.044723	5.9	1.28857	-0.76109
Al 237.312	0.720277	ug/L	0.466716	64.8	6.78607	0.72028
As 188.980	1.60628	ug/L	0.918568	57.2	2.70084	1.60628
B 249.678	16.4252	ug/L	2.67662	16.3	521.923	16.42523
Ba 493.408	-0.009754uv	ug/L	0.005537	56.8	120.894	-0.00975
Be 313.042	0.017079	ug/L	0.001458	8.5	212.745	0.01708
Ca 373.690	-1.94655uv	ug/L	0.421597	21.7	16.3192	-1.94655
Cd 214.439	-0.015560uv	ug/L	0.022047	141.7	5.52104	-0.01556
Co 228.615	-0.106437uv	ug/L	0.075672	71.1	9.81952	-0.10644
Cr 267.716	-0.019422uv	ug/L	0.024950	128.5	20.6100	-0.01942
Cu 327.395	1.57800	ug/L	0.084037	5.3	166.013	1.57800
Fe 273.955	1.56630	ug/L	0.180794	11.5	34.6839	1.56630
K 404.721	-257.086uv	ug/L	81.0691	31.5	12.5863	-257.08557
Li 610.365	0.031422uv	ug/L	0.075411	240.0	0.828125	0.03142
Mg 279.078	0.353935uv	ug/L	1.22758	346.8	10.1025	0.35394
Mn 257.610	-0.058679uv	ug/L	0.004961	8.5	24.4672	-0.05868
Mo 202.032	9.59027	ug/L	1.86421	19.4	99.3956	9.59027
Na 330.237	9.37316	ug/L	7.27810	77.6	10.1888	9.37316
Ni 216.555	0.094270	ug/L	0.028615	30.4	3.75256	0.09427
Pb 220.353	-0.224340uv	ug/L	0.091881	41.0	4.26764	-0.22434
Sb 217.582	1.51710	ug/L	0.326110	21.5	6.37848	1.51710
Se 196.026	3.65903	ug/L	1.26298	34.5	4.79913	3.65903
Si 251.611	-0.408861uv	ug/L	0.815627	199.5	47.9367	-0.40886
Si 288.158	0.851659uv	ug/L	1.41802	166.5	462.707	0.85166
Sn 283.998	1.19647	ug/L	0.367698	30.7	13.6833	1.19647
Sr 421.552	0.010263	ug/L	0.004167	40.6	50.0352	0.01026
Ti 336.122	0.309199	ug/L	0.098300	31.8	105.402	0.30920
Tl 190.794	-0.026574uv	ug/L	0.181930	684.6	1.91977	-0.02657
V 292.401	0.032925	ug/L	0.028680	87.1	9.54181	0.03293
Zn 202.548	0.634974	ug/L	0.093013	14.6	66.8397	0.63497
Zr 339.198	0.857706	ug/L	0.151810	17.7	51.0955	0.85771

ICB RR (Samp) **9/25/2009, 10:33:13 AM** **Rack 1, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.900834uv	ug/L	0.051416	5.7	0.079163
Al 237.312	0.432136	ug/L	0.112835	26.1	5.47412
As 188.980	-0.394815uv	ug/L	0.448843	113.7	0.555313
B 249.678	7.47258	ug/L	0.546868	7.3	251.936

MET092509emn@720/725/730/735-ES@Quant@. All Data Report 9/25/2009, 4:28:10 PM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ba 493.408	-0.018031uv	ug/L	0.000427	2.4	100.321
Be 313.042	0.009167	ug/L	0.000800	8.7	185.459
Ca 373.690	-1.89388uv	ug/L	0.129067	6.8	16.5873
Cd 214.439	-0.084625uv	ug/L	0.028722	33.9	2.79214
Co 228.615	0.033930uv	ug/L	0.067694	199.5	11.0914
Cr 267.716	-0.062163uv	ug/L	0.023803	38.3	18.5566
Cu 327.395	0.029940uv	ug/L	0.125739	420.0	59.0117
Fe 273.955	0.566993	ug/L	0.300231	53.0	18.4724
K 404.721	-341.973uv	ug/L	145.745	42.6	11.5261
Li 610.365	-0.026868uv	ug/L	0.004871	18.1	-3.58496
Mg 279.078	-0.085600uv	ug/L	0.296513	346.4	8.09735
Mn 257.610	-0.074861uv	ug/L	0.003587	4.8	19.5391
Mo 202.032	2.13008	ug/L	0.997640	46.8	30.3995
Na 330.237	-3.73183uv	ug/L	29.5016	790.5	8.44788
Ni 216.555	0.034503uv	ug/L	0.180970	524.5	3.23550
Pb 220.353	-0.222413uv	ug/L	0.515099	231.6	4.27756
Sb 217.582	-0.248631uv	ug/L	0.608238	244.6	2.91579
Se 196.026	1.09091uv	ug/L	3.95425	362.5	3.35810
Si 251.611	-0.722622uv	ug/L	0.789111	109.2	46.2923
Si 288.158	1.34323	ug/L	0.589998	43.9	468.734
Sn 283.998	-0.009495uv	ug/L	0.253362	2668.3	8.06329
Sr 421.552	0.000814uv	ug/L	0.002562	315.0	26.8809
Ti 336.122	0.172347	ug/L	0.040955	23.8	71.8916
Tl 190.794	0.005066uv	ug/L	1.39906	27615.4	1.94569
V 292.401	-0.013645uv	ug/L	0.021696	159.0	7.70697
Zn 202.548	-0.282728uv	ug/L	0.003376	1.2	44.5933
Zr 339.198	0.538975	ug/L	0.008979	1.7	32.7637

ICVNa K Mg Ca 75ppm (Samp) 9/25/2009, 10:36:06 AM Rack 1, Tube 2

Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.015354uv	ug/L	0.332571	2166.1	7.74231
Al 237.312	3.98298	ug/L	0.080969	2.0	21.6415
As 188.980	0.395042	ug/L	0.083042	21.0	1.40218
B 249.678	4.88072	ug/L	0.082899	1.7	173.772
Ba 493.408	0.241539	ug/L	0.000683	0.3	745.533
Be 313.042	0.049744	ug/L	0.001963	3.9	325.394
Ca 373.690	76409.8	ug/L	19.5946	0.0	365892
Cd 214.439	-0.036348uv	ug/L	0.010158	27.9	4.69966
Co 228.615	0.632359	ug/L	0.032311	5.1	16.5137
Cr 267.716	0.162996	ug/L	0.041624	25.5	29.3741
Cu 327.395	0.361739	ug/L	0.032354	8.9	81.9456
Fe 273.955	5.09036	ug/L	0.050453	1.0	91.8527
K 404.721	76974.3	ug/L	280.766	0.4	1313.05
Li 610.365	0.971992	ug/L	0.073788	7.6	72.0381
Mg 279.078	77400.4	ug/L	41.0177	0.1	333066
Mn 257.610	3.76573	ug/L	0.018862	0.5	1189.17
Mo 202.032	1.06483	ug/L	0.665802	62.5	20.5474
Na 330.237	76752.6	ug/L	188.499	0.2	11793.6
Ni 216.555	0.822826	ug/L	0.104219	12.7	10.0555
Pb 220.353	0.807057	ug/L	0.368656	45.7	9.57547
Sb 217.582	2.05722	ug/L	0.668572	32.5	7.43768
Se 196.026	-0.391768uv	ug/L	2.66743	680.9	2.52614

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Si 251.611	3.07310	ug/L	0.803390	26.1	66.1855
Si 288.158	2.21021	ug/L	0.570812	25.8	479.363
Sn 283.998	0.110827	ug/L	0.037711	34.0	8.62402
Sr 421.552	0.497148	ug/L	0.003248	0.7	1243.07
Ti 336.122	1.43369	ug/L	0.065120	4.5	380.753
Tl 190.794	2.55102	ug/L	2.15587	84.5	4.03140
V 292.401	1.63170	ug/L	0.056348	3.5	72.5325
Zn 202.548	0.224075uv	ug/L	0.399342	178.2	56.8789
Zr 339.198	0.676655	ug/L	0.076695	11.3	40.6824

ICV Sb 1ppm (Samp) **9/25/2009, 10:38:58 AM** **Rack 1, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.360454uv	ug/L	0.004229	1.2	4.75574
Al 237.312	0.931553	ug/L	0.511361	54.9	7.74805
As 188.980	0.862666	ug/L	1.20044	139.2	1.90355
B 249.678	3.02312	ug/L	0.073239	2.4	117.752
Ba 493.408	0.018836	ug/L	0.009711	51.6	191.961
Be 313.042	0.003858	ug/L	0.001164	30.2	167.153
Ca 373.690	4.87185	ug/L	1.34278	27.6	51.0205
Cd 214.439	-0.018868uv	ug/L	0.018162	96.3	5.39032
Co 228.615	0.004237uv	ug/L	0.025602	604.2	10.8223
Cr 267.716	-0.070438uv	ug/L	0.031288	44.4	18.1590
Cu 327.395	0.278843	ug/L	0.027559	9.9	76.2158
Fe 273.955	1.09241	ug/L	0.245030	22.4	26.9961
K 404.721	-243.382uv	ug/L	95.2510	39.1	12.7574
Li 610.365	0.002425uv	ug/L	0.176215	7266.7	-1.36719
Mg 279.078	6.41742	ug/L	2.05419	32.0	37.7635
Mn 257.610	0.014489	ug/L	0.010830	74.7	46.7500
Mo 202.032	0.360998	ug/L	0.166280	46.1	14.0380
Na 330.237	-8.44721uv	ug/L	21.4478	253.9	7.82141
Ni 216.555	0.400696	ug/L	0.019229	4.8	6.40352
Pb 220.353	0.009245uv	ug/L	0.200518	2168.9	5.46973
Sb 217.582	1014.26	ug/L	3.12760	0.3	1992.42
Se 196.026	0.412354uv	ug/L	1.55365	376.8	2.97735
Si 251.611	-0.199516uv	ug/L	1.39883	701.1	49.0339
Si 288.158	1.42176	ug/L	1.54890	108.9	469.697
Sn 283.998	-0.249970uv	ug/L	0.323987	129.6	6.94263
Sr 421.552	0.011470	ug/L	0.001946	17.0	52.9937
Ti 336.122	0.036583	ug/L	0.027522	75.2	38.6477
Tl 190.794	-0.658683uv	ug/L	0.527555	80.1	1.40192
V 292.401	0.070889	ug/L	0.062462	88.1	11.0375
Zn 202.548	0.044276uv	ug/L	0.116850	263.9	52.5203
Zr 339.198	17.1272	ug/L	1.84927	10.8	986.833

CRI RL Ag B (Samp) **9/25/2009, 10:45:24 AM** **Rack 1, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	3.78496	ug/L	0.039357	1.0	40.6311
Al 237.312	106.664	ug/L	0.597749	0.6	489.009
As 188.980	8.84842	ug/L	0.133938	1.5	10.4657

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
B 249.678	11.0742	ug/L	0.028576	0.3	360.550
Ba 493.408	11.2010	ug/L	0.001465	0.0	27987.3
Be 313.042	1.02552	ug/L	0.002085	0.2	3690.42
Ca 373.690	418.388	ug/L	0.242615	0.1	2154.87
Cd 214.439	0.947293	ug/L	0.027772	2.9	43.5649
Co 228.615	10.8359	ug/L	0.330025	3.0	108.968
Cr 267.716	5.22548	ug/L	0.051327	1.0	272.597
Cu 327.395	11.0899	ug/L	0.075068	0.7	823.475
Fe 273.955	107.268	ug/L	0.083636	0.1	1748.64
K 404.721	3106.99	ug/L	225.015	7.2	55.1499
Li 610.365	81.5121	ug/L	0.005255	0.0	6169.68
Mg 279.078	426.935	ug/L	0.439136	0.1	1955.52
Mn 257.610	10.7864	ug/L	0.021214	0.2	3327.29
Mo 202.032	9.86438	ug/L	0.243630	2.5	101.931
Na 330.237	2013.41	ug/L	38.9802	1.9	277.515
Ni 216.555	10.9872	ug/L	0.385309	3.5	97.9899
Pb 220.353	4.78920	ug/L	0.065254	1.4	30.0686
Sb 217.582	10.0461	ug/L	3.04050	30.3	23.1044
Se 196.026	10.9934	ug/L	0.114132	1.0	8.91459
Si 251.611	97.3338	ug/L	0.702640	0.7	560.202
Si 288.158	100.600	ug/L	0.619555	0.6	1685.61
Sn 283.998	30.1868	ug/L	0.342471	1.1	148.785
Sr 421.552	22.2013	ug/L	0.020918	0.1	54425.8
Ti 336.122	10.5554	ug/L	0.060822	0.6	2614.36
Tl 190.794	10.2187	ug/L	0.716248	7.0	10.3130
V 292.401	10.4268	ug/L	0.031333	0.3	419.053
Zn 202.548	52.2440	ug/L	0.186315	0.4	1317.91
Zr 339.198	12.1487	ug/L	0.274350	2.3	700.499

CCV (CCV) **9/25/2009, 12:57:45 PM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	953.232	ug/L	2.19680	0.2	8257.35	95.32316
Al 237.312	4677.50	ug/L	7.44499	0.2	21001.0	93.55004
As 188.980	935.999	ug/L	2.13168	0.2	1004.53	93.59993
B 249.678	919.787	ug/L	22.2724	2.4	27764.8	91.97868
Ba 493.408	940.360	ug/L	2.83555	0.3	2337594	94.03596
Be 313.042	962.331	ug/L	0.541940	0.1	3318812	96.23306
Ca 373.690	19406.8	ug/L	47.8001	0.2	97310.3	97.03407
Cd 214.439	974.993	ug/L	1.61723	0.2	38529.7	97.49933
Co 228.615	962.228	ug/L	1.94821	0.2	8729.45	96.22276
Cr 267.716	966.093	ug/L	2.32900	0.2	46436.8	96.60934
Cu 327.395	933.513	ug/L	2.27048	0.2	64581.1	93.35126
Fe 273.955	4908.50	ug/L	13.7185	0.3	77889.9	98.17007
K 404.721	19262.9	ug/L	310.740	1.6	277.416	96.31451
Li 610.365	4793.29	ug/L	12.1651	0.3	362895	95.86575
Mg 279.078	19340.8	ug/L	41.8491	0.2	86988.4	96.70379
Mn 257.610	961.067	ug/L	1.48227	0.2	292730	96.10673
Mo 202.032	961.569	ug/L	3.51262	0.4	8903.83	96.15688
Na 330.237	19311.3	ug/L	18.9524	0.1	2674.96	96.55633
Ni 216.555	971.223	ug/L	5.00948	0.5	8405.19	97.12234
Pb 220.353	971.015	ug/L	0.535595	0.1	5002.51	97.10150
Sb 217.582	928.573	ug/L	1.15591	0.1	1824.39	92.85732

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Se 196.026	925.690	ug/L	2.45481	0.3	522.170	92.56898
Si 251.611	955.408	ug/L	8.41351	0.9	5057.33	95.54079
Si 288.158	950.572	ug/L	9.39627	1.0	12106.1	95.05724
Sn 283.998	956.412	ug/L	2.21036	0.2	4465.21	95.64120
Sr 421.552	946.580	ug/L	1.10226	0.1	2319471	94.65795
Ti 336.122	949.789	ug/L	1.50019	0.2	232601	94.97886
Tl 190.794	965.421	ug/L	0.098487	0.0	792.841	96.54207
V 292.401	955.368	ug/L	2.18619	0.2	37649.2	95.53677
Zn 202.548	994.642	ug/L	2.50301	0.3	24163.0	99.46418
Zr 339.198	875.308	ug/L	13.7217	1.6	50345.1	87.53083Q

CCB (CCB) **9/25/2009, 1:00:39 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.301148uv	ug/L	0.239285	79.5	5.26898	-0.30115
Al 237.312	0.172549uv	ug/L	0.495492	287.2	4.29218	0.17255
As 188.980	1.87418	ug/L	0.042351	2.3	2.98807	1.87418
B 249.678	26.8183	ug/L	4.15369	15.5	835.351	26.81834
Ba 493.408	-0.008796uv	ug/L	0.001207	13.7	123.274	-0.00880
Be 313.042	0.011523	ug/L	0.002525	21.9	193.584	0.01152
Ca 373.690	-2.10462uv	ug/L	0.650967	30.9	15.5148	-2.10462
Cd 214.439	-0.056437uv	ug/L	0.014692	26.0	3.90590	-0.05644
Co 228.615	0.335683	ug/L	0.272418	81.2	13.8255	0.33568
Cr 267.716	0.054126	ug/L	0.007440	13.7	24.1436	0.05413
Cu 327.395	0.284611	ug/L	0.147234	51.7	76.6145	0.28461
Fe 273.955	3.87941	ug/L	1.92110	49.5	72.2081	3.87941
K 404.721	53.2906uv	ug/L	592.050	1111.0	16.4690	53.29062
Li 610.365	0.157198	ug/L	0.028256	18.0	10.3506	0.15720
Mg 279.078	0.426812	ug/L	0.054606	12.8	10.4349	0.42681
Mn 257.610	-0.052849uv	ug/L	0.013679	25.9	26.2426	-0.05285
Mo 202.032	9.52447	ug/L	2.58115	27.1	98.7870	9.52447
Na 330.237	36.2164	ug/L	0.261157	0.7	13.7552	36.21642
Ni 216.555	-0.254022uv	ug/L	0.004744	1.9	0.739410	-0.25402
Pb 220.353	-0.313451uv	ug/L	0.049605	15.8	3.80905	-0.31345
Sb 217.582	2.23015	ug/L	1.37951	61.9	7.77682	2.23015
Se 196.026	0.582938uv	ug/L	2.12009	363.7	3.07307	0.58294
Si 251.611	4.79580	ug/L	1.47911	30.8	75.2141	4.79580
Si 288.158	2.66102	ug/L	1.42853	53.7	484.890	2.66102
Sn 283.998	0.873217	ug/L	0.807281	92.4	12.1769	0.87322
Sr 421.552	0.008344	ug/L	0.005894	70.6	45.3330	0.00834
Ti 336.122	0.573175	ug/L	0.235722	41.1	170.041	0.57317
Tl 190.794	0.564581	ug/L	0.517921	91.7	2.40406	0.56458
V 292.401	0.206130	ug/L	0.155105	75.2	16.3660	0.20613
Zn 202.548	-0.300859uv	ug/L	0.051518	17.1	44.1537	-0.30086
Zr 339.198	0.520152	ug/L	0.136654	26.3	31.6812	0.52015

MB 360-49480/1-A (Samp) **9/25/2009, 1:31:02 PM** **Rack 1, Tube 50**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.379037uv	ug/L	0.307467	81.1	4.59491
Al 237.312	8.33514	ug/L	1.71219	20.5	41.4570

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
As 188.980	1.08614	ug/L	0.576491	53.1	2.14315
B 249.678	1.97888	ug/L	0.167918	8.5	86.2608
Ba 493.408	0.938768	ug/L	0.008069	0.9	2478.63
Be 313.042	0.001234	ug/L	0.000409	33.1	158.101
Ca 373.690	147.428	ug/L	0.339495	0.2	776.456
Cd 214.439	-0.038354uv	ug/L	0.008398	21.9	4.62042
Co 228.615	0.097724	ug/L	0.009288	9.5	11.6694
Cr 267.716	1.04188	ug/L	0.132660	12.7	71.5997
Cu 327.395	0.714381	ug/L	0.124835	17.5	106.320
Fe 273.955	31.1240	ug/L	1.98695	6.4	514.125
K 404.721	81.9567uv	ug/L	439.573	536.3	16.8251
Li 610.365	0.117753	ug/L	0.069118	58.7	7.36426
Mg 279.078	39.8802	ug/L	1.39790	3.5	190.413
Mn 257.610	0.367731	ug/L	0.019571	5.3	154.328
Mo 202.032	0.097045uv	ug/L	0.184674	190.3	11.5968
Na 330.237	242.749	ug/L	65.6123	27.0	41.2089
Ni 216.555	0.320870	ug/L	0.011888	3.7	5.71292
Pb 220.353	0.938034	ug/L	0.427537	45.6	10.2495
Sb 217.582	0.097043uv	ug/L	1.14052	1175.3	3.59367
Se 196.026	1.29437uv	ug/L	2.26311	174.8	3.47227
Si 251.611	48.9314	ug/L	2.02479	4.1	306.527
Si 288.158	46.6132	ug/L	2.75266	5.9	1023.73
Sn 283.998	8.80082	ug/L	1.25129	14.2	49.1214
Sr 421.552	0.340990	ug/L	0.002305	0.7	860.431
Ti 336.122	1.76967	ug/L	0.409173	23.1	463.022
Tl 190.794	0.550491	ug/L	0.247334	44.9	2.39251
V 292.401	0.157348	ug/L	0.049179	31.3	14.4440
Zn 202.548	3.55550	ug/L	0.029507	0.8	137.637
Zr 339.198	0.061901	ug/L	0.003125	5.0	5.32483

CCV (CCV) **9/25/2009, 1:33:55 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	957.291	ug/L	2.40366	0.3	8292.49	95.72912
Al 237.312	4727.33	ug/L	9.65781	0.2	21221.5	94.54654
As 188.980	945.624	ug/L	0.444833	0.0	1014.85	94.56236
B 249.678	915.462	ug/L	3.26899	0.4	27634.4	91.54624
Ba 493.408	947.005	ug/L	0.909347	0.1	2354113	94.70054
Be 313.042	965.437	ug/L	1.51072	0.2	3329526	96.54375
Ca 373.690	19484.1	ug/L	9.00871	0.0	97691.8	97.42052
Cd 214.439	978.598	ug/L	0.546212	0.1	38672.1	97.85984
Co 228.615	967.404	ug/L	0.664553	0.1	8776.36	96.74043
Cr 267.716	970.418	ug/L	0.242248	0.0	46644.5	97.04179
Cu 327.395	939.117	ug/L	5.12242	0.5	64968.4	93.91167
Fe 273.955	4926.44	ug/L	5.41033	0.1	78168.0	98.52878
K 404.721	19404.0	ug/L	780.540	4.0	279.501	97.01981
Li 610.365	4817.98	ug/L	3.91636	0.1	364765	96.35959
Mg 279.078	19434.0	ug/L	3.84627	0.0	87401.6	97.16990
Mn 257.610	966.697	ug/L	0.477850	0.0	294445	96.66974
Mo 202.032	963.501	ug/L	1.43592	0.1	8921.71	96.35014
Na 330.237	19409.9	ug/L	33.9439	0.2	2689.09	97.04939
Ni 216.555	977.875	ug/L	1.70773	0.2	8462.74	97.78752
Pb 220.353	975.820	ug/L	1.00520	0.1	5027.24	97.58199

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 217.582	932.914	ug/L	0.607756	0.1	1832.90	93.29142
Se 196.026	935.680	ug/L	0.544313	0.1	527.776	93.56795
Si 251.611	959.314	ug/L	9.03361	0.9	5077.80	95.93144
Si 288.158	954.076	ug/L	7.73135	0.8	12149.0	95.40755
Sn 283.998	960.936	ug/L	1.03753	0.1	4486.29	96.09364
Sr 421.552	952.754	ug/L	1.21189	0.1	2334600	95.27541
Ti 336.122	955.881	ug/L	0.399647	0.0	234093	95.58813
Tl 190.794	966.265	ug/L	0.045618	0.0	793.533	96.62648
V 292.401	960.831	ug/L	0.596664	0.1	37864.4	96.08309
Zn 202.548	996.754	ug/L	0.638917	0.1	24214.2	99.67535
Zr 339.198	856.776	ug/L	10.6039	1.2	49279.2	85.67761Q

CCB (CCB) **9/25/2009, 1:36:49 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.203892uv	ug/L	0.108646	53.3	6.11066	-0.20389
Al 237.312	0.558840	ug/L	0.440080	78.7	6.05103	0.55884
As 188.980	1.32055	ug/L	1.10152	83.4	2.39448	1.32055
B 249.678	23.7401	ug/L	3.85757	16.2	742.520	23.74013
Ba 493.408	-0.003722uv	ug/L	0.005824	156.5	135.888	-0.00372
Be 313.042	0.021256	ug/L	0.000150	0.7	227.148	0.02126
Ca 373.690	-1.46229uv	ug/L	0.574781	39.3	18.7838	-1.46229
Cd 214.439	-0.024596uv	ug/L	0.051145	207.9	5.16399	-0.02460
Co 228.615	0.308796	ug/L	0.018967	6.1	13.5819	0.30880
Cr 267.716	0.050433uv	ug/L	0.074103	146.9	23.9662	0.05043
Cu 327.395	0.194881	ug/L	0.228396	117.2	70.4124	0.19488
Fe 273.955	2.67177	ug/L	0.560733	21.0	52.6174	2.67177
K 404.721	-109.596uv	ug/L	155.711	142.1	14.4283	-109.59589
Li 610.365	-0.019090uv	ug/L	0.014265	74.7	-2.99609	-0.01909
Mg 279.078	0.704124	ug/L	0.595165	84.5	11.7000	0.70412
Mn 257.610	-0.043700uv	ug/L	0.009026	20.7	29.0289	-0.04370
Mo 202.032	9.48054	ug/L	2.32915	24.6	98.3807	9.48054
Na 330.237	29.1108uv	ug/L	52.4926	180.3	12.8115	29.11085
Ni 216.555	0.129034uv	ug/L	0.193976	150.3	4.05331	0.12903
Pb 220.353	0.183446uv	ug/L	0.693402	378.0	6.36621	0.18345
Sb 217.582	0.746266	ug/L	0.395027	52.9	4.86684	0.74627
Se 196.026	2.36417	ug/L	2.88941	122.2	4.07256	2.36417
Si 251.611	3.23866	ug/L	0.942451	29.1	67.0532	3.23866
Si 288.158	0.374496uv	ug/L	1.39737	373.1	456.857	0.37450
Sn 283.998	1.02104	ug/L	0.252306	24.7	12.8658	1.02104
Sr 421.552	0.022259	ug/L	0.003147	14.1	79.4287	0.02226
Ti 336.122	0.487925	ug/L	0.136269	27.9	149.166	0.48793
Tl 190.794	0.886100	ug/L	0.225867	25.5	2.66745	0.88610
V 292.401	0.289550	ug/L	0.169694	58.6	19.6526	0.28955
Zn 202.548	-0.208310uv	ug/L	0.008759	4.2	46.3973	-0.20831
Zr 339.198	0.558216	ug/L	0.054724	9.8	33.8704	0.55822

LCS 360-49480/2-A (Samp) **9/25/2009, 1:39:42 PM** **Rack 1, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

MET092509emn@720/725/730/735-ES@Quant@. All Data Report 9/25/2009, 4:28:10 PM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	839.465	ug/L	5.08505	0.6	7272.79
Al 237.312	4145.71	ug/L	10.7164	0.3	18644.0
As 188.980	828.757	ug/L	4.71898	0.6	889.549
B 249.678	797.205	ug/L	10.6135	1.3	24068.1
Ba 493.408	856.958	ug/L	2.09508	0.2	2130284
Be 313.042	856.806	ug/L	4.23237	0.5	2954902
Ca 373.690	17525.3	ug/L	80.2152	0.5	88008.3
Cd 214.439	854.682	ug/L	3.51693	0.4	33776.0
Co 228.615	859.626	ug/L	3.11180	0.4	7799.78
Cr 267.716	869.823	ug/L	4.05991	0.5	41811.5
Cu 327.395	839.505	ug/L	2.64267	0.3	58083.3
Fe 273.955	4376.19	ug/L	22.5418	0.5	69613.1
K 404.721	16050.3	ug/L	168.301	1.0	230.859
Li 610.365	4003.28	ug/L	16.7579	0.4	303084
Mg 279.078	17042.8	ug/L	47.8140	0.3	76785.0
Mn 257.610	866.488	ug/L	4.62287	0.5	263927
Mo 202.032	895.460	ug/L	7.80118	0.9	8292.42
Na 330.237	16420.2	ug/L	71.0380	0.4	2263.03
Ni 216.555	862.201	ug/L	7.27383	0.8	7462.02
Pb 220.353	854.746	ug/L	4.76896	0.6	4404.16
Sb 217.582	791.234	ug/L	2.88622	0.4	1555.06
Se 196.026	821.423	ug/L	5.10158	0.6	463.664
Si 251.611	939.586	ug/L	16.5291	1.8	4974.41
Si 288.158	932.487	ug/L	15.6669	1.7	11884.4
Sn 283.998	858.980	ug/L	2.07756	0.2	4011.16
Sr 421.552	861.477	ug/L	2.93602	0.3	2110941
Ti 336.122	867.993	ug/L	3.19890	0.4	212572
Tl 190.794	839.270	ug/L	7.59907	0.9	689.495
V 292.401	864.748	ug/L	4.18964	0.5	34078.8
Zn 202.548	860.802	ug/L	3.83290	0.4	20918.5
Zr 339.198	897.046	ug/L	3.62224	0.4	51595.4

LCSD 360-49480/3-A (Samp) **9/25/2009, 1:42:36 PM** **Rack 1, Tube 52**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	839.709	ug/L	2.90054	0.3	7274.90
Al 237.312	4143.21	ug/L	13.4499	0.3	18632.9
As 188.980	832.049	ug/L	4.63879	0.6	893.079
B 249.678	811.974	ug/L	11.9074	1.5	24513.5
Ba 493.408	857.814	ug/L	3.16817	0.4	2132409
Be 313.042	855.919	ug/L	4.88458	0.6	2951847
Ca 373.690	17591.1	ug/L	78.6656	0.4	88334.2
Cd 214.439	860.970	ug/L	4.06004	0.5	34024.5
Co 228.615	861.108	ug/L	4.38580	0.5	7813.21
Cr 267.716	871.354	ug/L	4.67923	0.5	41885.1
Cu 327.395	840.697	ug/L	0.324983	0.0	58165.7
Fe 273.955	4381.36	ug/L	21.0085	0.5	69693.6
K 404.721	15851.7	ug/L	398.324	2.5	228.022
Li 610.365	3995.72	ug/L	17.5033	0.4	302512
Mg 279.078	17082.2	ug/L	80.0550	0.5	76960.1
Mn 257.610	867.118	ug/L	4.03738	0.5	264119
Mo 202.032	894.448	ug/L	7.05790	0.8	8283.07
Na 330.237	16421.1	ug/L	27.2913	0.2	2263.17

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ni 216.555	860.407	ug/L	9.35030	1.1	7446.50
Pb 220.353	854.875	ug/L	2.92061	0.3	4404.82
Sb 217.582	799.305	ug/L	6.84518	0.9	1570.89
Se 196.026	818.862	ug/L	6.19521	0.8	462.227
Si 251.611	983.699	ug/L	15.6955	1.6	5205.60
Si 288.158	977.997	ug/L	17.2659	1.8	12442.3
Sn 283.998	858.821	ug/L	4.10281	0.5	4010.41
Sr 421.552	862.164	ug/L	3.17801	0.4	2112624
Ti 336.122	864.107	ug/L	1.37541	0.2	211621
Tl 190.794	839.839	ug/L	8.72671	1.0	689.961
V 292.401	865.297	ug/L	3.87290	0.4	34100.4
Zn 202.548	861.902	ug/L	4.95812	0.6	20945.2
Zr 339.198	885.055	ug/L	0.742842	0.1	50905.7

360-24665-A-1-E (Samp) **9/25/2009, 1:45:29 PM** **Rack 1, Tube 53**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.130354uv	ug/L	0.379987	291.5	9.00330
Al 237.312	172722	ug/L	480.965	0.3	676595
As 188.980	63.1459	ug/L	1.64318	2.6	68.6819
B 249.678	37.0543	ug/L	3.76631	10.2	1144.04
Ba 493.408	165.673	ug/L	0.959529	0.6	411957
Be 313.042	4.05555	ug/L	0.011577	0.3	14139.7
Ca 373.690	6404.84	ug/L	20.2413	0.3	32461.1
Cd 214.439	2.94490	ug/L	0.050297	1.7	122.494
Co 228.615	31.1397	ug/L	0.344603	1.1	292.938
Cr 267.716	117.944	ug/L	0.183283	0.2	5688.08
Cu 327.395	48.6491	ug/L	0.255026	0.5	3419.55
Fe 273.955	134657	ug/L	484.269	0.4	1741015
K 404.721	5365.98	ug/L	310.189	5.8	84.4495
Li 610.365	74.3818	ug/L	0.117860	0.2	5629.85
Mg 279.078	7004.95	ug/L	8.10652	0.1	31800.4
Mn 257.610	429.964	ug/L	1.77774	0.4	130986
Mo 202.032	13.9272	ug/L	1.69943	12.2	139.506
Na 330.237	85.0442	ug/L	52.0755	61.2	20.2439
Ni 216.555	77.4728	ug/L	0.671382	0.9	673.170
Pb 220.353	131.072	ug/L	1.17103	0.9	679.952
Sb 217.582	3.03808	ug/L	3.00273	98.8	9.36121
Se 196.026	5.20830	ug/L	4.13969	79.5	5.66846
Si 251.611	7993.18	ug/L	157.871	2.0	41942.0
Si 288.158	8021.51	ug/L	130.616	1.6	98794.3
Sn 283.998	43.4778	ug/L	0.491053	1.1	210.724
Sr 421.552	18.4526	ug/L	0.078715	0.4	45240.1
Ti 336.122	3307.69	ug/L	4.67129	0.1	809973
Tl 190.794	0.826372	ug/L	0.507075	61.4	2.61852
V 292.401	200.587	ug/L	1.04677	0.5	7911.24
Zn 202.548	172.855	ug/L	1.13586	0.7	4241.70
Zr 339.198	108.186	ug/L	8.99500	8.3	6224.06

360-24665-A-1-F DU (Samp) **9/25/2009, 1:48:23 PM** **Rack 1, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.491929uv	ug/L	0.009056	1.8	3.61792
Al 237.312	169725	ug/L	209.944	0.1	665004
As 188.980	61.6028	ug/L	0.622274	1.0	67.0274
B 249.678	22.1014	ug/L	0.314221	1.4	693.099
Ba 493.408	165.979	ug/L	0.781533	0.5	412719
Be 313.042	3.87689	ug/L	0.008087	0.2	13523.6
Ca 373.690	6521.06	ug/L	44.9406	0.7	33046.7
Cd 214.439	2.77638	ug/L	0.031391	1.1	115.835
Co 228.615	29.1949	ug/L	0.375354	1.3	275.317
Cr 267.716	120.252	ug/L	0.429361	0.4	5798.94
Cu 327.395	51.8721	ug/L	0.191790	0.4	3642.33
Fe 273.955	134728	ug/L	285.284	0.2	1741904
K 404.721	5256.98	ug/L	556.239	10.6	83.0286
Li 610.365	74.0940	ug/L	0.423918	0.6	5608.06
Mg 279.078	7477.13	ug/L	15.9306	0.2	33931.6
Mn 257.610	453.639	ug/L	0.326709	0.1	138196
Mo 202.032	9.02741	ug/L	0.150856	1.7	94.1899
Na 330.237	79.3201	ug/L	47.9769	60.5	19.4832
Ni 216.555	78.1949	ug/L	0.465765	0.6	679.417
Pb 220.353	126.024	ug/L	0.894840	0.7	653.975
Sb 217.582	0.876339	ug/L	0.001431	0.2	5.12192
Se 196.026	3.63011	ug/L	0.284738	7.8	4.78290
Si 251.611	8792.63	ug/L	153.619	1.7	46131.9
Si 288.158	8866.89	ug/L	177.235	2.0	109159
Sn 283.998	43.2972	ug/L	0.283866	0.7	209.882
Sr 421.552	19.6589	ug/L	0.010438	0.1	48195.9
Ti 336.122	3397.57	ug/L	4.04515	0.1	831981
Tl 190.794	0.603560uv	ug/L	1.03138	170.9	2.43599
V 292.401	199.743	ug/L	0.206448	0.1	7877.98
Zn 202.548	175.420	ug/L	0.276429	0.2	4303.89
Zr 339.198	40.1735	ug/L	6.64745	16.5	2312.35

360-24665-A-1-G MS (Samp) **9/25/2009, 1:51:17 PM** **Rack 1, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	870.119	ug/L	5.15518	0.6	7538.08
Al 237.312	187008	ug/L	1580.12	0.8	731845
As 188.980	933.926	ug/L	6.39970	0.7	1002.31
B 249.678	728.994	ug/L	13.7580	1.9	22011.0
Ba 493.408	1041.69	ug/L	8.74518	0.8	2589465
Be 313.042	890.749	ug/L	7.57921	0.9	3071957
Ca 373.690	24579.2	ug/L	217.282	0.9	122738
Cd 214.439	878.424	ug/L	5.67796	0.6	34714.1
Co 228.615	913.288	ug/L	5.02381	0.6	8286.01
Cr 267.716	1023.05	ug/L	6.47363	0.6	49173.2
Cu 327.395	949.062	ug/L	0.258519	0.0	65655.8
Fe 273.955	141850	ug/L	1114.07	0.8	1831582
K 404.721	22888.7	ug/L	88.8772	0.4	331.362
Li 610.365	4565.97	ug/L	27.3959	0.6	345685
Mg 279.078	25680.5	ug/L	164.435	0.6	114955

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1377.01	ug/L	10.7236	0.8	419403
Mo 202.032	906.783	ug/L	6.50099	0.7	8397.14
Na 330.237	18135.6	ug/L	106.381	0.6	2506.91
Ni 216.555	962.951	ug/L	3.89875	0.4	8333.63
Pb 220.353	988.030	ug/L	6.47829	0.7	5090.08
Sb 217.582	286.479	ug/L	5.09914	1.8	565.205
Se 196.026	849.812	ug/L	1.94778	0.2	479.593
Si 251.611	10549.3	ug/L	69.6825	0.7	55338.2
Si 288.158	10610.8	ug/L	103.445	1.0	130538
Sn 283.998	850.762	ug/L	5.92133	0.7	3972.86
Sr 421.552	891.808	ug/L	5.10054	0.6	2185261
Ti 336.122	4292.18	ug/L	28.0771	0.7	1051042
Tl 190.794	827.613	ug/L	8.72295	1.1	679.945
V 292.401	1100.49	ug/L	7.84999	0.7	43367.0
Zn 202.548	1083.13	ug/L	7.91421	0.7	26307.9
Zr 339.198	665.019	ug/L	5.43101	0.8	38250.3

360-24665-A-1-Esd@5 (Samp) **9/25/2009, 1:54:10 PM** **Rack 1, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.366970uv	ug/L	0.347712	94.8	4.69934
Al 237.312	36539.8	ug/L	29.2400	0.1	149895
As 188.980	14.5807	ug/L	0.934780	6.4	16.6117
B 249.678	22.8663	ug/L	2.96644	13.0	716.169
Ba 493.408	36.7010	ug/L	0.021606	0.1	91372.8
Be 313.042	0.847548	ug/L	0.004414	0.5	3076.67
Ca 373.690	1227.61	ug/L	1.85780	0.2	6268.05
Cd 214.439	0.583551	ug/L	0.002774	0.5	29.1929
Co 228.615	6.49488	ug/L	0.055867	0.9	69.6335
Cr 267.716	25.5057	ug/L	0.087732	0.3	1246.95
Cu 327.395	10.3130	ug/L	0.003597	0.0	769.771
Fe 273.955	27589.4	ug/L	32.8749	0.1	392802
K 404.721	833.230	ug/L	340.788	40.9	26.2462
Li 610.365	8.59157	ug/L	0.039858	0.5	648.911
Mg 279.078	1558.08	ug/L	3.67157	0.2	7108.22
Mn 257.610	93.8438	ug/L	0.689520	0.7	28622.0
Mo 202.032	5.53002	ug/L	1.39045	25.1	61.8440
Na 330.237	-34.6432uv	ug/L	42.7008	123.3	4.34131
Ni 216.555	17.1877	ug/L	0.070492	0.4	151.631
Pb 220.353	28.6838	ug/L	0.114316	0.4	153.037
Sb 217.582	1.91044	ug/L	0.146879	7.7	7.14984
Se 196.026	1.28628	ug/L	0.606125	47.1	3.46773
Si 251.611	1711.02	ug/L	32.2745	1.9	9017.44
Si 288.158	1753.89	ug/L	30.3825	1.7	21954.6
Sn 283.998	7.65593	ug/L	0.272144	3.6	43.7859
Sr 421.552	4.06023	ug/L	0.021409	0.5	9973.85
Ti 336.122	715.932	ug/L	1.42966	0.2	175338
Tl 190.794	0.459164uv	ug/L	2.44911	533.4	2.31770
V 292.401	42.6819	ug/L	0.261424	0.6	1689.89
Zn 202.548	37.0350	ug/L	0.027303	0.1	949.227
Zr 339.198	23.5194	ug/L	4.04383	17.2	1354.49

360-24665-A-1-Epds (Samp) **9/25/2009, 1:57:04 PM** **Rack 1, Tube 57**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	903.657	ug/L	1.44939	0.2	7828.32
Al 237.312	171644	ug/L	113.767	0.1	672423
As 188.980	972.535	ug/L	3.95132	0.4	1043.70
B 249.678	868.658	ug/L	8.96369	1.0	26222.9
Ba 493.408	1065.00	ug/L	1.66859	0.2	2647418
Be 313.042	923.676	ug/L	1.41538	0.2	3185509
Ca 373.690	24401.7	ug/L	41.5480	0.2	121869
Cd 214.439	913.929	ug/L	0.955181	0.1	36117.0
Co 228.615	945.308	ug/L	1.65202	0.2	8576.14
Cr 267.716	1047.07	ug/L	3.32311	0.3	50327.2
Cu 327.395	974.052	ug/L	0.335729	0.0	67383.2
Fe 273.955	133258	ug/L	104.818	0.1	1723390
K 404.721	23521.8	ug/L	62.0320	0.3	340.934
Li 610.365	4703.35	ug/L	3.27658	0.1	356086
Mg 279.078	24624.1	ug/L	50.3358	0.2	110314
Mn 257.610	1336.74	ug/L	1.25945	0.1	407138
Mo 202.032	939.729	ug/L	1.12505	0.1	8701.85
Na 330.237	18438.5	ug/L	29.2842	0.2	2550.13
Ni 216.555	990.058	ug/L	4.45640	0.5	8568.14
Pb 220.353	1017.84	ug/L	1.33191	0.1	5243.49
Sb 217.582	863.161	ug/L	6.34989	0.7	1696.11
Se 196.026	894.638	ug/L	5.59484	0.6	504.746
Si 251.611	8795.57	ug/L	127.406	1.4	46147.3
Si 288.158	8864.72	ug/L	124.558	1.4	109132
Sn 283.998	919.586	ug/L	0.234825	0.0	4293.59
Sr 421.552	920.460	ug/L	1.68818	0.2	2255469
Ti 336.122	4037.87	ug/L	3.93673	0.1	988768
Tl 190.794	864.825	ug/L	8.87858	1.0	710.430
V 292.401	1121.64	ug/L	1.29026	0.1	44200.3
Zn 202.548	1083.23	ug/L	1.60963	0.1	26310.4
Zr 339.198	920.897	ug/L	2.61453	0.3	52967.1

360-24665-A-2-B (Samp) **9/25/2009, 1:59:57 PM** **Rack 1, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.489573uv	ug/L	0.221362	45.2	3.63831
Al 237.312	141679	ug/L	564.470	0.4	556533
As 188.980	90.2191	ug/L	0.603424	0.7	97.7091
B 249.678	35.9098	ug/L	3.37944	9.4	1109.52
Ba 493.408	206.634	ug/L	0.458871	0.2	513775
Be 313.042	3.84624	ug/L	0.012586	0.3	13417.8
Ca 373.690	7918.27	ug/L	5.59471	0.1	40078.1
Cd 214.439	3.50552	ug/L	0.010498	0.3	144.645
Co 228.615	30.8864	ug/L	0.286317	0.9	290.643
Cr 267.716	121.277	ug/L	0.550933	0.5	5848.18
Cu 327.395	77.6152	ug/L	0.213855	0.3	5421.68
Fe 273.955	166893	ug/L	624.110	0.4	2146928
K 404.721	5905.44	ug/L	57.3834	1.0	91.5291
Li 610.365	72.2786	ug/L	0.363118	0.5	5470.62
Mg 279.078	7975.61	ug/L	30.4864	0.4	36179.8

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	924.197	ug/L	3.53428	0.4	281502
Mo 202.032	14.1368	ug/L	1.52178	10.8	141.444
Na 330.237	122.542	ug/L	43.8966	35.8	25.2274
Ni 216.555	77.3170	ug/L	0.501360	0.6	671.823
Pb 220.353	181.485	ug/L	0.382869	0.2	939.390
Sb 217.582	-0.383886uv	ug/L	0.398758	103.9	2.65054
Se 196.026	7.96974	ug/L	1.50168	18.8	7.21796
Si 251.611	7134.69	ug/L	157.938	2.2	37442.7
Si 288.158	7197.59	ug/L	129.736	1.8	88693.3
Sn 283.998	43.0021	ug/L	0.104316	0.2	208.508
Sr 421.552	23.5740	ug/L	0.070540	0.3	57789.4
Ti 336.122	4074.80	ug/L	35.3101	0.9	997811
Tl 190.794	0.865179	ug/L	0.080445	9.3	2.65031
V 292.401	273.981	ug/L	0.889278	0.3	10802.9
Zn 202.548	186.854	ug/L	1.38467	0.7	4581.06
Zr 339.198	75.2665	ug/L	8.87005	11.8	4330.72

360-24665-A-3-B (Samp) **9/25/2009, 2:02:50 PM** **Rack 1, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.663654uv	ug/L	0.311796	47.0	2.13177
Al 237.312	40329.5	ug/L	27.7733	0.1	164552
As 188.980	31.2563	ug/L	1.00712	3.2	34.4907
B 249.678	22.9095	ug/L	0.698285	3.0	717.471
Ba 493.408	77.3405	ug/L	0.007742	0.0	192390
Be 313.042	0.886106	ug/L	0.001731	0.2	3209.64
Ca 373.690	1767.45	ug/L	1.18893	0.1	9009.12
Cd 214.439	0.965662	ug/L	0.063964	6.6	44.2907
Co 228.615	4.94425	ug/L	0.112529	2.3	55.5833
Cr 267.716	38.7195	ug/L	0.034502	0.1	1881.79
Cu 327.395	26.2851	ug/L	0.118131	0.4	1873.76
Fe 273.955	29748.8	ug/L	68.1447	0.2	419994
K 404.721	2598.46	ug/L	764.379	29.4	48.6494
Li 610.365	3.55685	ug/L	0.022109	0.6	267.736
Mg 279.078	899.741	ug/L	1.92107	0.2	4110.33
Mn 257.610	53.6808	ug/L	0.032978	0.1	16390.5
Mo 202.032	5.15984	ug/L	0.629347	12.2	58.4204
Na 330.237	306.436	ug/L	41.1552	13.4	49.6787
Ni 216.555	18.1128	ug/L	0.272973	1.5	159.635
Pb 220.353	110.261	ug/L	0.541718	0.5	572.854
Sb 217.582	0.237792	ug/L	0.284031	119.4	3.86969
Se 196.026	0.572047	ug/L	0.710959	124.3	3.06696
Si 251.611	5883.50	ug/L	28.3609	0.5	30885.3
Si 288.158	5937.58	ug/L	46.2105	0.8	73245.8
Sn 283.998	15.1142	ug/L	0.553863	3.7	78.5430
Sr 421.552	8.76351	ug/L	0.049702	0.6	21498.5
Ti 336.122	947.111	ug/L	8.59093	0.9	231946
Tl 190.794	0.262773uv	ug/L	1.04032	395.9	2.15681
V 292.401	112.239	ug/L	0.363447	0.3	4430.38
Zn 202.548	31.8945	ug/L	0.091517	0.3	824.614
Zr 339.198	15.7109	ug/L	3.44897	22.0	905.374

360-24665-A-4-B (Samp) **9/25/2009, 2:05:43 PM** **Rack 1, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	13.4138	ug/L	0.256490	1.9	123.961
Al 237.312	52747.2	ug/L	228.299	0.4	212579
As 188.980	36.3202	ug/L	1.05708	2.9	39.9202
B 249.678	11.8763	ug/L	0.491174	4.1	384.741
Ba 493.408	199.403	ug/L	0.802886	0.4	495800
Be 313.042	2.82938	ug/L	0.014736	0.5	9911.14
Ca 373.690	4569.69	ug/L	20.9197	0.5	23200.7
Cd 214.439	1.47965	ug/L	0.000768	0.1	64.5994
Co 228.615	53.2841	ug/L	0.231372	0.4	493.587
Cr 267.716	958.977	ug/L	5.24702	0.5	46094.9
Cu 327.395	87.0469	ug/L	0.372397	0.4	6073.60
Fe 273.955	43577.1	ug/L	249.791	0.6	594121
K 404.721	8013.60	ug/L	55.7154	0.7	119.522
Li 610.365	36.9791	ug/L	0.490244	1.3	2798.11
Mg 279.078	3203.37	ug/L	18.3105	0.6	14587.7
Mn 257.610	284.029	ug/L	1.06856	0.4	86541.8
Mo 202.032	4.94613	ug/L	0.290699	5.9	56.4439
Na 330.237	495.267	ug/L	21.7589	4.4	74.8052
Ni 216.555	102.864	ug/L	0.038907	0.0	892.836
Pb 220.353	207.150	ug/L	0.500972	0.2	1071.47
Sb 217.582	-0.191636uv	ug/L	0.652991	340.7	3.02756
Se 196.026	0.120691uv	ug/L	1.47445	1221.7	2.81369
Si 251.611	4066.32	ug/L	37.8002	0.9	21361.5
Si 288.158	4102.96	ug/L	12.9016	0.3	50753.8
Sn 283.998	432.065	ug/L	1.30804	0.3	2021.63
Sr 421.552	22.1442	ug/L	0.101374	0.5	54285.9
Ti 336.122	831.103	ug/L	18.7276	2.3	203539
Tl 190.794	0.117101uv	ug/L	1.57875	1348.2	2.03747
V 292.401	92.3863	ug/L	0.099631	0.1	3648.21
Zn 202.548	80.3804	ug/L	1.06997	1.3	1999.98
Zr 339.198	17.4882	ug/L	4.39934	25.2	1007.60

CCV (CCV) **9/25/2009, 2:08:36 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	966.803	ug/L	1.42004	0.1	8374.81	96.68034
Al 237.312	4787.42	ug/L	14.9594	0.3	21487.2	95.74840
As 188.980	957.032	ug/L	3.27339	0.3	1027.08	95.70323
B 249.678	919.592	ug/L	5.32725	0.6	27758.9	91.95919
Ba 493.408	956.954	ug/L	2.14294	0.2	2378841	95.69536
Be 313.042	975.008	ug/L	1.61322	0.2	3362532	97.50083
Ca 373.690	19608.6	ug/L	24.6880	0.1	98306.0	98.04279
Cd 214.439	985.258	ug/L	1.40286	0.1	38935.3	98.52584
Co 228.615	974.654	ug/L	0.990183	0.1	8842.04	97.46535
Cr 267.716	977.699	ug/L	1.80683	0.2	46994.4	97.76992
Cu 327.395	952.025	ug/L	18.9938	2.0	65860.7	95.20253
Fe 273.955	4968.15	ug/L	16.9802	0.3	78814.7	99.36301
K 404.721	19723.0	ug/L	7.92595	0.0	284.175	98.61477
Li 610.365	4852.00	ug/L	6.82662	0.1	367340	97.04004
Mg 279.078	19572.4	ug/L	35.0805	0.2	88015.2	97.86221

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	973.966	ug/L	1.36959	0.1	296659	97.39657
Mo 202.032	971.399	ug/L	4.67664	0.5	8994.75	97.13994
Na 330.237	19541.3	ug/L	50.4753	0.3	2707.92	97.70641
Ni 216.555	981.254	ug/L	5.60058	0.6	8491.97	98.12536
Pb 220.353	982.361	ug/L	3.50429	0.4	5060.90	98.23607
Sb 217.582	947.500	ug/L	0.290672	0.0	1861.50	94.74996
Se 196.026	944.997	ug/L	6.35516	0.7	533.004	94.49970
Si 251.611	996.259	ug/L	13.3721	1.3	5271.43	99.62592
Si 288.158	989.160	ug/L	13.6050	1.4	12579.2	98.91604
Sn 283.998	970.305	ug/L	3.38159	0.3	4529.96	97.03054
Sr 421.552	961.906	ug/L	2.63844	0.3	2357025	96.19059
Ti 336.122	964.468	ug/L	2.46223	0.3	236196	96.44680
Tl 190.794	972.381	ug/L	2.33383	0.2	798.543	97.23808
V 292.401	969.067	ug/L	1.45625	0.2	38188.9	96.90666
Zn 202.548	1001.45	ug/L	1.52254	0.2	24327.9	100.14464
Zr 339.198	842.563	ug/L	8.29776	1.0	48461.8	84.25631Q

CCB (CCB) **9/25/2009, 2:11:31 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.025806uv	ug/L	0.204985	794.3	8.09851	0.02581
Al 237.312	1.07442	ug/L	0.185443	17.3	8.39856	1.07442
As 188.980	1.09258	ug/L	0.091923	8.4	2.15006	1.09258
B 249.678	26.5691	ug/L	4.34863	16.4	827.833	26.56906
Ba 493.408	0.032758	ug/L	0.005300	16.2	226.565	0.03276
Be 313.042	0.044080	ug/L	0.007338	16.6	305.860	0.04408
Ca 373.690	-1.31785uv	ug/L	0.664806	50.4	19.5189	-1.31785
Cd 214.439	0.030578	ug/L	0.037818	123.7	7.34404	0.03058
Co 228.615	0.320825	ug/L	0.057474	17.9	13.6909	0.32082
Cr 267.716	-0.024168uv	ug/L	0.010738	44.4	20.3820	-0.02417
Cu 327.395	0.183625	ug/L	0.181768	99.0	69.6344	0.18363
Fe 273.955	3.12864	ug/L	0.904912	28.9	60.0289	3.12864
K 404.721	-356.341uv	ug/L	172.201	48.3	11.3467	-356.34058
Li 610.365	0.252211	ug/L	0.075721	30.0	17.5439	0.25221
Mg 279.078	0.983952	ug/L	0.875595	89.0	12.9766	0.98395
Mn 257.610	-0.023652uv	ug/L	0.002158	9.1	35.1346	-0.02365
Mo 202.032	9.81487	ug/L	2.42144	24.7	101.473	9.81487
Na 330.237	23.0185	ug/L	28.4260	123.5	12.0018	23.01854
Ni 216.555	0.105894uv	ug/L	0.190000	179.4	3.85312	0.10589
Pb 220.353	0.135306uv	ug/L	0.582953	430.8	6.11847	0.13531
Sb 217.582	0.542290	ug/L	0.056670	10.5	4.46683	0.54229
Se 196.026	2.23938	ug/L	1.40350	62.7	4.00253	2.23938
Si 251.611	11.8178	ug/L	2.04650	17.3	112.016	11.81779
Si 288.158	9.73534	ug/L	1.81151	18.6	571.620	9.73534
Sn 283.998	0.040653uv	ug/L	0.261345	642.9	8.29700	0.04065
Sr 421.552	0.043267	ug/L	0.002397	5.5	130.906	0.04327
Ti 336.122	0.562205	ug/L	0.108848	19.4	167.355	0.56221
Tl 190.794	0.768282	ug/L	0.241829	31.5	2.57093	0.76828
V 292.401	0.409422	ug/L	0.095592	23.3	24.3755	0.40942
Zn 202.548	-0.237578uv	ug/L	0.023717	10.0	45.6878	-0.23758
Zr 339.198	0.613993	ug/L	0.101344	16.5	37.0784	0.61399

360-24665-A-5-C (Samp) **9/25/2009, 2:14:24 PM** **Rack 2, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	8.90376	ug/L	0.173248	1.9	84.9303
Al 237.312	35480.5	ug/L	18.2798	0.1	145798
As 188.980	128.114	ug/L	0.540062	0.4	138.339
B 249.678	14.1619	ug/L	0.689189	4.9	453.666
Ba 493.408	111.655	ug/L	0.067807	0.1	277686
Be 313.042	1.42002	ug/L	0.004088	0.3	5050.89
Ca 373.690	6041.13	ug/L	7.10111	0.1	30627.9
Cd 214.439	1.49132	ug/L	0.020372	1.4	65.0603
Co 228.615	12.8481	ug/L	0.440470	3.4	127.200
Cr 267.716	730.736	ug/L	2.23746	0.3	35129.2
Cu 327.395	40.2420	ug/L	0.307093	0.8	2838.46
Fe 273.955	71663.0	ug/L	189.052	0.3	947782
K 404.721	5845.30	ug/L	337.312	5.8	90.7410
Li 610.365	16.0775	ug/L	0.183329	1.1	1215.66
Mg 279.078	4634.36	ug/L	10.5593	0.2	21078.3
Mn 257.610	184.259	ug/L	0.048262	0.0	56157.3
Mo 202.032	12.9326	ug/L	1.80450	14.0	130.307
Na 330.237	104.206	ug/L	3.45385	3.3	22.7902
Ni 216.555	38.1223	ug/L	0.010366	0.0	332.741
Pb 220.353	218.596	ug/L	1.49789	0.7	1130.37
Sb 217.582	0.529327	ug/L	0.350011	66.1	4.44141
Se 196.026	0.573080	ug/L	0.079414	13.9	3.06754
Si 251.611	5567.87	ug/L	48.8819	0.9	29231.0
Si 288.158	5721.72	ug/L	34.1966	0.6	70599.3
Sn 283.998	318.192	ug/L	1.17052	0.4	1490.96
Sr 421.552	21.0858	ug/L	0.026637	0.1	51692.3
Ti 336.122	1548.68	ug/L	0.709524	0.0	379250
Tl 190.794	-0.082568uv	ug/L	1.92069	2326.2	1.87389
V 292.401	211.371	ug/L	0.375985	0.2	8336.13
Zn 202.548	54.3959	ug/L	0.380614	0.7	1370.08
Zr 339.198	104.766	ug/L	9.53712	9.1	6027.40

360-24665-A-6-B (Samp) **9/25/2009, 2:17:18 PM** **Rack 2, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.465136uv	ug/L	0.166375	35.8	3.84979
Al 237.312	37057.7	ug/L	167.200	0.5	151898
As 188.980	77.3748	ug/L	2.43101	3.1	83.9378
B 249.678	14.6220	ug/L	0.316614	2.2	467.543
Ba 493.408	240.240	ug/L	0.736929	0.3	597309
Be 313.042	1.39113	ug/L	0.006207	0.4	4951.25
Ca 373.690	6296.52	ug/L	25.1896	0.4	31915.3
Cd 214.439	1.65595	ug/L	0.014650	0.9	71.5650
Co 228.615	19.1418	ug/L	0.522023	2.7	184.226
Cr 267.716	91.0845	ug/L	0.485629	0.5	4397.63
Cu 327.395	63.8673	ug/L	0.370534	0.6	4471.43
Fe 273.955	42935.0	ug/L	280.409	0.7	586037
K 404.721	3942.55	ug/L	38.9137	1.0	65.9180
Li 610.365	10.7032	ug/L	0.135372	1.3	808.780
Mg 279.078	1716.76	ug/L	6.52002	0.4	7830.34

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	115.175	ug/L	0.478799	0.4	35118.3
Mo 202.032	8.12712	ug/L	0.653193	8.0	85.8636
Na 330.237	436.261	ug/L	3.81501	0.9	66.9515
Ni 216.555	38.5914	ug/L	0.010881	0.0	336.800
Pb 220.353	419.070	ug/L	3.34989	0.8	2162.06
Sb 217.582	-0.409034uv	ug/L	0.534061	130.6	2.60123
Se 196.026	1.00819uv	ug/L	1.73494	172.1	3.31168
Si 251.611	7516.43	ug/L	54.5774	0.7	39443.4
Si 288.158	7627.24	ug/L	51.9523	0.7	93960.7
Sn 283.998	39.4888	ug/L	0.125634	0.3	192.134
Sr 421.552	35.6988	ug/L	0.203486	0.6	87499.2
Ti 336.122	1153.76	ug/L	3.68288	0.3	282547
Tl 190.794	-0.522175uv	ug/L	0.045688	8.7	1.51376
V 292.401	152.770	ug/L	0.880107	0.6	6027.28
Zn 202.548	56.8313	ug/L	0.448372	0.8	1429.12
Zr 339.198	44.0440	ug/L	10.0682	22.9	2534.95

360-24665-A-7-B (Samp) **9/25/2009, 2:20:12 PM** **Rack 2, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.409046uv	ug/L	0.100118	24.5	4.33521
Al 237.312	21126.4	ug/L	64.0401	0.3	90076.0
As 188.980	16.1219	ug/L	0.226374	1.4	18.2641
B 249.678	8.22699	ug/L	0.049966	0.6	274.687
Ba 493.408	39.6067	ug/L	0.107540	0.3	98595.3
Be 313.042	0.967906	ug/L	0.005031	0.5	3491.73
Ca 373.690	957.798	ug/L	2.24501	0.2	4897.20
Cd 214.439	0.596042	ug/L	0.007472	1.3	29.6864
Co 228.615	6.26539	ug/L	0.082540	1.3	67.5542
Cr 267.716	17.1109	ug/L	0.132440	0.8	843.623
Cu 327.395	34.6890	ug/L	0.084180	0.2	2454.63
Fe 273.955	6778.88	ug/L	28.3530	0.4	106645
K 404.721	2339.40	ug/L	383.300	16.4	45.3290
Li 610.365	-0.114426uv	ug/L	0.009139	8.0	-10.2139
Mg 279.078	369.394	ug/L	1.51473	0.4	1693.18
Mn 257.610	42.5265	ug/L	0.161170	0.4	12993.6
Mo 202.032	2.30548	ug/L	0.378075	16.4	32.0217
Na 330.237	434.160	ug/L	47.1010	10.8	66.6721
Ni 216.555	17.2835	ug/L	0.109954	0.6	152.460
Pb 220.353	195.906	ug/L	0.744191	0.4	1013.60
Sb 217.582	0.566613	ug/L	0.413525	73.0	4.51453
Se 196.026	3.70670	ug/L	0.236877	6.4	4.82587
Si 251.611	5529.89	ug/L	112.778	2.0	29032.0
Si 288.158	5595.40	ug/L	41.2528	0.7	69050.8
Sn 283.998	7.89029	ug/L	0.083849	1.1	44.8781
Sr 421.552	9.70765	ug/L	0.000298	0.0	23812.0
Ti 336.122	782.595	ug/L	6.06833	0.8	191661
Tl 190.794	-0.706803uv	ug/L	0.122564	17.3	1.36250
V 292.401	55.5507	ug/L	0.156511	0.3	2196.91
Zn 202.548	20.9528	ug/L	0.072826	0.3	559.373
Zr 339.198	7.63350	ug/L	0.561660	7.4	440.805

360-24665-A-8-C (Samp) **9/25/2009, 2:23:06 PM** **Rack 2, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.873844uv	ug/L	0.203449	23.3	0.312744
Al 237.312	68181.3	ug/L	339.025	0.5	272272
As 188.980	67.7777	ug/L	0.351946	0.5	73.6480
B 249.678	8.81212	ug/L	0.030546	0.3	292.333
Ba 493.408	155.191	ug/L	0.658694	0.4	385903
Be 313.042	2.05853	ug/L	0.011354	0.6	7252.83
Ca 373.690	3823.13	ug/L	19.8746	0.5	19425.9
Cd 214.439	1.35179	ug/L	0.002001	0.1	59.5472
Co 228.615	23.7115	ug/L	0.025360	0.1	225.632
Cr 267.716	70.1872	ug/L	0.392180	0.6	3393.63
Cu 327.395	47.4158	ug/L	0.173168	0.4	3334.31
Fe 273.955	60281.5	ug/L	373.692	0.6	804466
K 404.721	4967.44	ug/L	40.1017	0.8	79.2358
Li 610.365	48.0686	ug/L	0.669635	1.4	3637.69
Mg 279.078	8701.98	ug/L	55.0749	0.6	39453.0
Mn 257.610	291.962	ug/L	1.73889	0.6	88958.0
Mo 202.032	4.99716	ug/L	0.346996	6.9	56.9159
Na 330.237	556.018	ug/L	58.4978	10.5	82.8936
Ni 216.555	45.7297	ug/L	0.265446	0.6	398.554
Pb 220.353	307.575	ug/L	2.13684	0.7	1588.28
Sb 217.582	-0.266146uv	ug/L	0.883455	331.9	2.88144
Se 196.026	2.03791	ug/L	1.63743	80.3	3.88948
Si 251.611	4003.90	ug/L	10.6651	0.3	21034.3
Si 288.158	4070.35	ug/L	12.1327	0.3	50354.0
Sn 283.998	25.9223	ug/L	0.120874	0.5	128.911
Sr 421.552	21.1782	ug/L	0.079433	0.4	51918.9
Ti 336.122	1972.53	ug/L	27.2418	1.4	483036
Tl 190.794	-1.52905uv	ug/L	0.561495	36.7	0.688896
V 292.401	152.410	ug/L	0.839991	0.6	6013.10
Zn 202.548	71.5604	ug/L	0.563411	0.8	1786.17
Zr 339.198	17.9403	ug/L	4.10761	22.9	1033.60

360-24665-A-9-B (Samp) **9/25/2009, 2:26:00 PM** **Rack 2, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.246807uv	ug/L	0.036305	14.7	5.73926
Al 237.312	16686.6	ug/L	67.2014	0.4	72162.7
As 188.980	19.5562	ug/L	0.969499	5.0	21.9463
B 249.678	8.05334	ug/L	0.221482	2.8	269.450
Ba 493.408	65.7950	ug/L	0.217265	0.3	163692
Be 313.042	0.501674	ug/L	0.004192	0.8	1883.90
Ca 373.690	2168.35	ug/L	13.2103	0.6	11043.2
Cd 214.439	0.442894	ug/L	0.016721	3.8	23.6353
Co 228.615	5.32458	ug/L	0.042768	0.8	59.0295
Cr 267.716	19.9113	ug/L	0.214566	1.1	978.167
Cu 327.395	19.6752	ug/L	0.027373	0.1	1416.89
Fe 273.955	9103.35	ug/L	43.8144	0.5	141674
K 404.721	2556.37	ug/L	549.182	21.5	48.1034
Li 610.365	0.605910	ug/L	0.102847	17.0	44.3223
Mg 279.078	576.918	ug/L	1.31577	0.2	2639.23

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	89.5256	ug/L	0.480148	0.5	27306.9
Mo 202.032	2.39513	ug/L	0.236298	9.9	32.8509
Na 330.237	445.519	ug/L	56.3474	12.6	68.1841
Ni 216.555	14.8985	ug/L	0.030245	0.2	131.827
Pb 220.353	138.197	ug/L	0.334985	0.2	716.621
Sb 217.582	0.289698	ug/L	0.374978	129.4	3.97148
Se 196.026	1.56858	ug/L	0.388918	24.8	3.62613
Si 251.611	5650.14	ug/L	64.8539	1.1	29662.2
Si 288.158	5633.74	ug/L	12.8115	0.2	69520.7
Sn 283.998	9.25505	ug/L	0.690740	7.5	51.2382
Sr 421.552	14.7452	ug/L	0.090152	0.6	36155.6
Ti 336.122	685.851	ug/L	3.93656	0.6	167972
Tl 190.794	-0.376358uv	ug/L	1.08006	287.0	1.63321
V 292.401	43.4139	ug/L	0.201420	0.5	1718.73
Zn 202.548	25.7244	ug/L	0.333722	1.3	675.043
Zr 339.198	5.22135	ug/L	0.661893	12.7	302.070

360-24665-A-10-B (Samp) **9/25/2009, 2:28:54 PM** **Rack 2, Tube 6**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.251758uv	ug/L	0.578589	229.8	5.69641
Al 237.312	177768	ug/L	789.805	0.4	696109
As 188.980	157.710	ug/L	0.235677	0.1	170.071
B 249.678	11.2845	ug/L	0.306464	2.7	366.891
Ba 493.408	195.703	ug/L	0.758465	0.4	486605
Be 313.042	5.23505	ug/L	0.026605	0.5	18207.3
Ca 373.690	7878.43	ug/L	69.0924	0.9	39877.8
Cd 214.439	3.58265	ug/L	0.103555	2.9	147.692
Co 228.615	47.1236	ug/L	0.322277	0.7	437.767
Cr 267.716	165.481	ug/L	0.723475	0.4	7971.95
Cu 327.395	87.2544	ug/L	0.165831	0.2	6087.94
Fe 273.955	164481	ug/L	821.316	0.5	2116562
K 404.721	8550.69	ug/L	36.9670	0.4	126.734
Li 610.365	107.477	ug/L	0.340207	0.3	8135.45
Mg 279.078	17499.2	ug/L	72.3555	0.4	78814.3
Mn 257.610	996.498	ug/L	3.20645	0.3	303521
Mo 202.032	9.39031	ug/L	0.132734	1.4	97.5462
Na 330.237	192.268	ug/L	13.7559	7.2	34.4961
Ni 216.555	119.831	ug/L	0.170702	0.1	1039.62
Pb 220.353	367.130	ug/L	3.39102	0.9	1894.77
Sb 217.582	0.488041	ug/L	0.104999	21.5	4.36044
Se 196.026	0.716308uv	ug/L	4.29802	600.0	3.14790
Si 251.611	9331.69	ug/L	149.884	1.6	48957.0
Si 288.158	9402.42	ug/L	190.087	2.0	115724
Sn 283.998	58.6016	ug/L	0.103095	0.2	281.205
Sr 421.552	26.6587	ug/L	0.095120	0.4	65348.0
Ti 336.122	5199.64	ug/L	27.2602	0.5	1273249
Tl 190.794	-1.69040uv	ug/L	0.625767	37.0	0.556709
V 292.401	258.770	ug/L	0.681773	0.3	10203.6
Zn 202.548	304.465	ug/L	1.80160	0.6	7432.12
Zr 339.198	17.5364	ug/L	1.20855	6.9	1010.37

360-24665-A-11-C (Samp) **9/25/2009, 2:31:48 PM** **Rack 2, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.205888uv	ug/L	0.060941	29.6	6.09338
Al 237.312	178335	ug/L	305.824	0.2	698303
As 188.980	154.912	ug/L	0.240813	0.2	167.071
B 249.678	10.5001	ug/L	0.298118	2.8	343.237
Ba 493.408	129.939	ug/L	0.298807	0.2	323134
Be 313.042	4.21370	ug/L	0.014913	0.4	14685.1
Ca 373.690	6030.30	ug/L	72.0769	1.2	30573.3
Cd 214.439	3.49081	ug/L	0.049772	1.4	144.063
Co 228.615	31.5864	ug/L	0.139350	0.4	296.986
Cr 267.716	148.723	ug/L	0.020090	0.0	7166.85
Cu 327.395	61.4606	ug/L	0.295171	0.5	4305.08
Fe 273.955	165088	ug/L	291.991	0.2	2124201
K 404.721	8910.53	ug/L	234.226	2.6	131.586
Li 610.365	86.2323	ug/L	0.416295	0.5	6527.04
Mg 279.078	11964.4	ug/L	43.7136	0.4	54110.4
Mn 257.610	578.521	ug/L	1.40437	0.2	176228
Mo 202.032	8.86660	ug/L	0.444301	5.0	92.7026
Na 330.237	116.643	ug/L	28.7192	24.6	24.4432
Ni 216.555	89.0844	ug/L	0.001376	0.0	773.625
Pb 220.353	173.088	ug/L	0.394381	0.2	896.175
Sb 217.582	-0.166410uv	ug/L	1.03577	622.4	3.07703
Se 196.026	3.40443uv	ug/L	5.61226	164.9	4.65627
Si 251.611	5389.44	ug/L	98.4943	1.8	28295.9
Si 288.158	5469.83	ug/L	102.105	1.9	67511.3
Sn 283.998	52.3374	ug/L	1.05453	2.0	252.012
Sr 421.552	20.5197	ug/L	0.057533	0.3	50305.2
Ti 336.122	4902.17	ug/L	15.9085	0.3	1200407
Tl 190.794	-0.487289uv	ug/L	0.165487	34.0	1.54234
V 292.401	291.789	ug/L	0.854514	0.3	11504.6
Zn 202.548	171.550	ug/L	0.189854	0.1	4210.06
Zr 339.198	22.2499	ug/L	1.94966	8.8	1281.47

360-24665-A-12-C (Samp) **9/25/2009, 2:34:42 PM** **Rack 2, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.534005uv	ug/L	0.309452	57.9	3.25378
Al 237.312	46168.3	ug/L	161.334	0.3	187134
As 188.980	9.18134	ug/L	0.771825	8.4	10.8226
B 249.678	6.39060	ug/L	0.129802	2.0	219.306
Ba 493.408	178.469	ug/L	0.791848	0.4	443765
Be 313.042	2.73044	ug/L	0.016264	0.6	9569.95
Ca 373.690	6591.07	ug/L	37.6883	0.6	33399.4
Cd 214.439	0.819060	ug/L	0.042912	5.2	38.4982
Co 228.615	7.29351	ug/L	0.306908	4.2	76.8698
Cr 267.716	56.8329	ug/L	0.278466	0.5	2752.03
Cu 327.395	80.0917	ug/L	0.654966	0.8	5592.86
Fe 273.955	9481.02	ug/L	54.4859	0.6	147291
K 404.721	721.712	ug/L	28.2342	3.9	24.8403
Li 610.365	0.292546	ug/L	0.050347	17.2	20.5977
Mg 279.078	335.767	ug/L	1.30384	0.4	1539.85

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	48.8981	ug/L	0.130702	0.3	14934.0
Mo 202.032	2.79847	ug/L	0.315194	11.3	36.5811
Na 330.237	472.612	ug/L	16.0101	3.4	71.7896
Ni 216.555	23.9362	ug/L	0.356701	1.5	210.014
Pb 220.353	110.652	ug/L	0.061269	0.1	574.868
Sb 217.582	0.481295uv	ug/L	1.40404	291.7	4.34721
Se 196.026	4.66486	ug/L	1.46186	31.3	5.36352
Si 251.611	3881.43	ug/L	33.8341	0.9	20392.5
Si 288.158	3983.63	ug/L	29.3727	0.7	49290.8
Sn 283.998	24.3323	ug/L	0.223800	0.9	121.502
Sr 421.552	101.194	ug/L	0.490387	0.5	247984
Ti 336.122	924.917	ug/L	3.63009	0.4	226511
Tl 190.794	-0.827331uv	ug/L	1.13016	136.6	1.26376
V 292.401	54.1155	ug/L	0.087320	0.2	2140.36
Zn 202.548	70.7237	ug/L	0.425164	0.6	1765.89
Zr 339.198	7.66112	ug/L	2.31179	30.2	442.394

360-24665-A-13-B (Samp) **9/25/2009, 2:37:36 PM** **Rack 2, Tube 9**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.038246	ug/L	0.050009	130.8	8.20618
Al 237.312	167282	ug/L	204.343	0.1	655554
As 188.980	103.048	ug/L	1.68289	1.6	111.464
B 249.678	11.3770	ug/L	0.172168	1.5	369.681
Ba 493.408	171.044	ug/L	0.022788	0.0	425309
Be 313.042	4.36079	ug/L	0.009825	0.2	15192.3
Ca 373.690	6425.88	ug/L	11.5433	0.2	32567.2
Cd 214.439	3.87393	ug/L	0.009193	0.2	159.201
Co 228.615	30.0072	ug/L	0.024649	0.1	282.677
Cr 267.716	137.640	ug/L	0.344641	0.3	6634.34
Cu 327.395	80.5306	ug/L	0.294292	0.4	5623.19
Fe 273.955	159056	ug/L	315.524	0.2	2048246
K 404.721	7474.36	ug/L	66.7663	0.9	112.314
Li 610.365	78.4162	ug/L	0.204727	0.3	5935.29
Mg 279.078	10371.1	ug/L	27.2133	0.3	46960.8
Mn 257.610	485.097	ug/L	1.09301	0.2	147776
Mo 202.032	8.65030	ug/L	0.011375	0.1	90.7022
Na 330.237	158.233	ug/L	10.0892	6.4	29.9713
Ni 216.555	88.3306	ug/L	0.830286	0.9	767.104
Pb 220.353	235.244	ug/L	0.999008	0.4	1216.05
Sb 217.582	-0.225903uv	ug/L	0.594670	263.2	2.96036
Se 196.026	1.64670	ug/L	0.731265	44.4	3.66997
Si 251.611	7342.61	ug/L	124.446	1.7	38532.4
Si 288.158	7386.71	ug/L	125.238	1.7	91011.8
Sn 283.998	47.9404	ug/L	2.06376	4.3	231.521
Sr 421.552	27.0569	ug/L	0.021082	0.1	66323.7
Ti 336.122	5293.13	ug/L	13.2341	0.3	1296140
Tl 190.794	-0.859097uv	ug/L	0.253439	29.5	1.23774
V 292.401	288.232	ug/L	1.12799	0.4	11364.4
Zn 202.548	165.317	ug/L	1.26616	0.8	4058.96
Zr 339.198	21.8686	ug/L	1.55975	7.1	1259.54

360-24665-A-14-A (Samp) **9/25/2009, 2:40:29 PM** **Rack 2, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-1.77268uv	ug/L	0.685350	38.7	-7.46594
Al 237.312	158941	ug/L	917.338	0.6	623296
As 188.980	19.3666	ug/L	0.219923	1.1	21.7430
B 249.678	9.56551	ug/L	0.245739	2.6	315.053
Ba 493.408	224.065	ug/L	0.989190	0.4	557103
Be 313.042	4.03290	ug/L	0.020675	0.5	14061.5
Ca 373.690	36380.4	ug/L	178.420	0.5	179963
Cd 214.439	6.76615	ug/L	0.099458	1.5	273.477
Co 228.615	215.421	ug/L	1.47722	0.7	1962.69
Cr 267.716	412.136	ug/L	2.68674	0.7	19822.3
Cu 327.395	872.428	ug/L	9.04349	1.0	60358.9
Fe 273.955	353160	ug/L	2292.15	0.6	4492416
K 404.721	14004.2	ug/L	472.068	3.4	201.824
Li 610.365	174.189	ug/L	0.925952	0.5	13186.2
Mg 279.078	117280	ug/L	646.478	0.6	490023
Mn 257.610	2927.32	ug/L	15.8465	0.5	891544
Mo 202.032	2.33430	ug/L	0.046646	2.0	32.2882
Na 330.237	247.301	ug/L	41.6000	16.8	41.8138
Ni 216.555	259.064	ug/L	0.520361	0.2	2244.15
Pb 220.353	37.2672	ug/L	0.352898	0.9	197.209
Sb 217.582	0.176385uv	ug/L	1.59133	902.2	3.74927
Se 196.026	-1.57607uv	ug/L	3.04951	193.5	1.86160
Si 251.611	2544.89	ug/L	7.78318	0.3	13387.8
Si 288.158	2577.34	ug/L	0.271207	0.0	32050.0
Sn 283.998	146.473	ug/L	1.45123	1.0	690.706
Sr 421.552	180.033	ug/L	1.01176	0.6	441167
Ti 336.122	2422.87	ug/L	0.580394	0.0	593310
Tl 190.794	-0.003101uv	ug/L	0.971768	31335.2	1.93900
V 292.401	694.573	ug/L	4.27648	0.6	27374.0
Zn 202.548	575.702	ug/L	1.45875	0.3	14007.3
Zr 339.198	15.1760	ug/L	1.23126	8.1	874.609

CCV (CCV) **9/25/2009, 2:43:23 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	966.698	ug/L	2.12197	0.2	8373.90	96.66985
Al 237.312	4785.62	ug/L	8.09271	0.2	21479.3	95.71230
As 188.980	954.283	ug/L	2.10427	0.2	1024.13	95.42831
B 249.678	922.741	ug/L	7.54581	0.8	27853.9	92.27407
Ba 493.408	956.697	ug/L	1.17714	0.1	2378203	95.66969
Be 313.042	973.367	ug/L	1.89716	0.2	3356870	97.33666
Ca 373.690	19598.6	ug/L	33.9011	0.2	98257.0	97.99320
Cd 214.439	984.111	ug/L	1.62681	0.2	38889.9	98.41106
Co 228.615	973.895	ug/L	1.29756	0.1	8835.16	97.38947
Cr 267.716	975.345	ug/L	2.30785	0.2	46881.2	97.53445
Cu 327.395	946.054	ug/L	13.6442	1.4	65447.9	94.60536
Fe 273.955	4966.70	ug/L	4.59758	0.1	78792.2	99.33392
K 404.721	19627.0	ug/L	155.918	0.8	282.764	98.13514
Li 610.365	4848.27	ug/L	6.97854	0.1	367058	96.96534
Mg 279.078	19560.3	ug/L	39.0069	0.2	87961.3	97.80140

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	972.314	ug/L	1.57299	0.2	296156	97.23145
Mo 202.032	969.381	ug/L	3.81904	0.4	8976.09	96.93810
Na 330.237	19543.8	ug/L	57.4234	0.3	2708.28	97.71885
Ni 216.555	983.676	ug/L	3.43782	0.3	8512.92	98.36758
Pb 220.353	982.226	ug/L	2.24752	0.2	5060.21	98.22261
Sb 217.582	941.763	ug/L	3.10486	0.3	1850.26	94.17632
Se 196.026	945.324	ug/L	0.874518	0.1	533.188	94.53245
Si 251.611	1000.69	ug/L	17.5370	1.8	5294.64	100.06877
Si 288.158	993.107	ug/L	15.1801	1.5	12627.6	99.31067
Sn 283.998	968.606	ug/L	1.13217	0.1	4522.04	96.86063
Sr 421.552	960.233	ug/L	1.47852	0.2	2352927	96.02333
Ti 336.122	965.966	ug/L	1.52012	0.2	236562	96.59659
Tl 190.794	973.364	ug/L	2.57733	0.3	799.348	97.33636
V 292.401	968.067	ug/L	0.912929	0.1	38149.5	96.80670
Zn 202.548	998.950	ug/L	1.93449	0.2	24267.4	99.89498
Zr 339.198	836.726	ug/L	0.415054	0.0	48126.0	83.67257Q

CCB (CCB) **9/25/2009, 2:46:17 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.430359uv	ug/L	0.466282	108.3	4.15076	-0.43036
Al 237.312	1.80822	ug/L	1.25227	69.3	11.7396	1.80822
As 188.980	1.60870	ug/L	1.88970	117.5	2.70343	1.60870
B 249.678	24.7878	ug/L	4.61744	18.6	774.116	24.78783
Ba 493.408	0.039451	ug/L	0.002117	5.4	243.202	0.03945
Be 313.042	0.058657	ug/L	0.002176	3.7	356.130	0.05866
Ca 373.690	-0.574689uv	ug/L	1.04824	182.4	23.3011	-0.57469
Cd 214.439	-0.014756uv	ug/L	0.008788	59.6	5.55280	-0.01476
Co 228.615	0.204166	ug/L	0.175705	86.1	12.6339	0.20417
Cr 267.716	-0.007016uv	ug/L	0.019619	279.6	21.2061	-0.00702
Cu 327.395	0.303132	ug/L	0.046927	15.5	77.8947	0.30313
Fe 273.955	4.69796	ug/L	1.26524	26.9	85.4870	4.69796
K 404.721	-381.489uv	ug/L	119.164	31.2	11.0326	-381.48907
Li 610.365	0.078012	ug/L	0.043634	55.9	4.35547	0.07801
Mg 279.078	2.22081	ug/L	0.187395	8.4	18.6190	2.22081
Mn 257.610	-0.006168uv	ug/L	0.004618	74.9	40.4592	-0.00617
Mo 202.032	9.67958	ug/L	2.45490	25.4	100.222	9.67958
Na 330.237	63.6822	ug/L	32.1758	50.5	17.4049	63.68216
Ni 216.555	0.140411	ug/L	0.077096	54.9	4.15173	0.14041
Pb 220.353	0.137814uv	ug/L	0.677828	491.8	6.13138	0.13781
Sb 217.582	1.18160	ug/L	0.419093	35.5	5.72055	1.18160
Se 196.026	5.04359	ug/L	1.78916	35.5	5.57603	5.04359
Si 251.611	13.2212	ug/L	2.50831	19.0	119.371	13.22118
Si 288.158	12.2746	ug/L	2.57515	21.0	602.751	12.27464
Sn 283.998	0.418620	ug/L	0.108705	26.0	10.0584	0.41862
Sr 421.552	0.056614	ug/L	0.001039	1.8	163.611	0.05661
Ti 336.122	0.681135	ug/L	0.179474	26.3	196.477	0.68113
Tl 190.794	0.033880uv	ug/L	0.125014	369.0	1.96929	0.03388
V 292.401	0.345103	ug/L	0.021076	6.1	21.8414	0.34510
Zn 202.548	-0.218579uv	ug/L	0.032031	14.7	46.1483	-0.21858
Zr 339.198	0.559205	ug/L	0.058752	10.5	33.9272	0.55920

360-24665-A-15-B (Samp) **9/25/2009, 2:49:10 PM** **Rack 2, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.096346uv	ug/L	0.125333	130.1	7.04138
Al 237.312	84772.4	ug/L	64.5069	0.1	336439
As 188.980	42.4696	ug/L	0.342394	0.8	46.5133
B 249.678	12.0614	ug/L	0.625304	5.2	390.321
Ba 493.408	266.297	ug/L	0.228394	0.1	662079
Be 313.042	3.13491	ug/L	0.007432	0.2	10964.8
Ca 373.690	14414.8	ug/L	39.5317	0.3	72569.4
Cd 214.439	1.77490	ug/L	0.018099	1.0	76.2652
Co 228.615	45.3323	ug/L	0.144138	0.3	421.537
Cr 267.716	139.152	ug/L	0.152284	0.1	6707.01
Cu 327.395	100.118	ug/L	0.154119	0.2	6977.07
Fe 273.955	87720.8	ug/L	34.3168	0.0	1149983
K 404.721	22644.4	ug/L	392.763	1.7	327.683
Li 610.365	114.024	ug/L	0.085389	0.1	8631.12
Mg 279.078	24212.5	ug/L	48.8746	0.2	108503
Mn 257.610	884.922	ug/L	1.52081	0.2	269541
Mo 202.032	7.04431	ug/L	1.38238	19.6	75.8490
Na 330.237	441.387	ug/L	4.14441	0.9	67.6337
Ni 216.555	135.147	ug/L	1.50482	1.1	1172.12
Pb 220.353	42.5445	ug/L	0.158804	0.4	224.367
Sb 217.582	-0.165150uv	ug/L	1.30354	789.3	3.07950
Se 196.026	-1.54923uv	ug/L	3.13261	202.2	1.87666
Si 251.611	3779.88	ug/L	70.2693	1.9	19860.3
Si 288.158	3836.26	ug/L	71.5897	1.9	47484.0
Sn 283.998	47.6413	ug/L	0.126729	0.3	230.127
Sr 421.552	36.3572	ug/L	0.015343	0.0	89112.6
Ti 336.122	4224.66	ug/L	13.5124	0.3	1034508
Tl 190.794	-0.964668uv	ug/L	1.06656	110.6	1.15125
V 292.401	138.836	ug/L	0.110021	0.1	5478.29
Zn 202.548	219.086	ug/L	1.51619	0.7	5362.39
Zr 339.198	49.6016	ug/L	1.81061	3.7	2854.60

360-24665-A-16-C (Samp) **9/25/2009, 2:52:05 PM** **Rack 2, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.683930uv	ug/L	0.124335	18.2	1.95630
Al 237.312	-x	ug/L	451.134	0.2	857062
As 188.980	70.0741	ug/L	3.04405	4.3	76.1101
B 249.678	14.5385	ug/L	0.081511	0.6	465.025
Ba 493.408	91.0387	ug/L	0.178233	0.2	226440
Be 313.042	3.66058	ug/L	0.011935	0.3	12777.6
Ca 373.690	4550.06	ug/L	42.0480	0.9	23101.6
Cd 214.439	1.82582	ug/L	0.093044	5.1	78.2769
Co 228.615	14.8751	ug/L	0.032518	0.2	145.566
Cr 267.716	138.072	ug/L	0.195993	0.1	6655.09
Cu 327.395	68.9408	ug/L	0.215608	0.3	4822.11
Fe 273.955	96975.3	ug/L	161.226	0.2	1266517
K 404.721	3615.94	ug/L	222.014	6.1	61.7003
Li 610.365	57.0459	ug/L	0.214942	0.4	4317.36
Mg 279.078	3748.92	ug/L	6.13419	0.2	17063.8

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	183.338	ug/L	0.311442	0.2	55877.0
Mo 202.032	6.33014	ug/L	0.320418	5.1	69.2441
Na 330.237	84.9517	ug/L	23.6930	27.9	20.2313
Ni 216.555	42.4899	ug/L	0.270630	0.6	370.526
Pb 220.353	166.558	ug/L	0.579077	0.3	862.574
Sb 217.582	0.302358uv	ug/L	2.88950	955.7	3.99631
Se 196.026	6.70633	ug/L	1.17995	17.6	6.50903
Si 251.611	19324.7	ug/L	26.3121	0.1	101330
Si 288.158	19832.9	ug/L	92.0896	0.5	243599
Sn 283.998	54.5814	ug/L	0.003631	0.0	262.470
Sr 421.552	14.8711	ug/L	0.005170	0.0	36464.1
Ti 336.122	2507.00	ug/L	3.36152	0.1	613911
Tl 190.794	-0.758592uv	ug/L	0.329169	43.4	1.32008
V 292.401	238.911	ug/L	0.406250	0.2	9421.21
Zn 202.548	88.4405	ug/L	0.097392	0.1	2195.37
Zr 339.198	104.403	ug/L	11.4776	11.0	6006.52

360-24665-A-17-C (Samp) **9/25/2009, 2:54:58 PM** **Rack 2, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.118012uv	ug/L	0.338137	286.5	6.85388
Al 237.312	152317	ug/L	648.329	0.4	597677
As 188.980	38.8533	ug/L	3.09050	8.0	42.6360
B 249.678	9.84941	ug/L	0.915162	9.3	323.614
Ba 493.408	200.027	ug/L	1.09400	0.5	497351
Be 313.042	4.24091	ug/L	0.028847	0.7	14778.9
Ca 373.690	20753.1	ug/L	97.3335	0.5	103949
Cd 214.439	3.08285	ug/L	0.023318	0.8	127.944
Co 228.615	59.5954	ug/L	0.156716	0.3	550.773
Cr 267.716	150.998	ug/L	1.15080	0.8	7276.13
Cu 327.395	416.410	ug/L	0.303252	0.1	28839.1
Fe 273.955	176767	ug/L	1070.60	0.6	2271268
K 404.721	6218.08	ug/L	412.877	6.6	95.6533
Li 610.365	126.433	ug/L	0.979851	0.8	9570.60
Mg 279.078	45153.3	ug/L	280.616	0.6	199175
Mn 257.610	2307.07	ug/L	13.6462	0.6	702647
Mo 202.032	11.9260	ug/L	0.095000	0.8	120.998
Na 330.237	481.709	ug/L	37.3273	7.7	73.0006
Ni 216.555	107.678	ug/L	0.491898	0.5	934.479
Pb 220.353	31.0958	ug/L	1.44090	4.6	165.449
Sb 217.582	-0.665959uv	ug/L	0.189728	28.5	2.09738
Se 196.026	-2.71993uv	ug/L	0.565937	20.8	1.21976
Si 251.611	9421.49	ug/L	115.419	1.2	49427.7
Si 288.158	9498.34	ug/L	127.828	1.3	116900
Sn 283.998	49.9438	ug/L	0.075422	0.2	240.857
Sr 421.552	58.0801	ug/L	0.367348	0.6	142341
Ti 336.122	4390.16	ug/L	20.7626	0.5	1075033
Tl 190.794	-0.486423uv	ug/L	0.644219	132.4	1.54305
V 292.401	255.789	ug/L	1.67367	0.7	10086.2
Zn 202.548	229.957	ug/L	2.54347	1.1	5625.94
Zr 339.198	20.5961	ug/L	1.67661	8.1	1186.35

360-24665-A-18-B (Samp) **9/25/2009, 2:57:52 PM** **Rack 2, Tube 14**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.378254uv	ug/L	0.041631	11.0	4.60168
Al 237.312	106544	ug/L	477.192	0.4	420642
As 188.980	30.9539	ug/L	0.478278	1.5	34.1666
B 249.678	7.57169	ug/L	0.080966	1.1	254.925
Ba 493.408	427.667	ug/L	2.28729	0.5	1063196
Be 313.042	3.69094	ug/L	0.019934	0.5	12882.3
Ca 373.690	23840.6	ug/L	101.982	0.4	119120
Cd 214.439	3.16639	ug/L	0.009105	0.3	131.245
Co 228.615	91.2628	ug/L	0.521790	0.6	837.708
Cr 267.716	230.687	ug/L	1.57762	0.7	11104.7
Cu 327.395	343.528	ug/L	0.467966	0.1	23801.5
Fe 273.955	172593	ug/L	1037.71	0.6	2218707
K 404.721	12082.6	ug/L	544.884	4.5	174.985
Li 610.365	116.716	ug/L	0.647856	0.6	8834.92
Mg 279.078	47819.2	ug/L	259.757	0.5	210508
Mn 257.610	1557.70	ug/L	6.82558	0.4	474431
Mo 202.032	17.1082	ug/L	0.211948	1.2	168.925
Na 330.237	1018.58	ug/L	27.5624	2.7	144.541
Ni 216.555	151.576	ug/L	0.181157	0.1	1314.25
Pb 220.353	23.9173	ug/L	0.090438	0.4	128.507
Sb 217.582	-0.811151uv	ug/L	0.035542	4.4	1.81265
Se 196.026	-3.41478uv	ug/L	1.43961	42.2	0.829865
Si 251.611	3392.94	ug/L	6.60841	0.2	17832.3
Si 288.158	3448.47	ug/L	9.15907	0.3	42729.9
Sn 283.998	82.4094	ug/L	1.51336	1.8	392.154
Sr 421.552	52.0367	ug/L	0.243950	0.5	127533
Ti 336.122	5338.36	ug/L	17.6911	0.3	1307215
Tl 190.794	-0.802931uv	ug/L	1.91741	238.8	1.28375
V 292.401	278.404	ug/L	1.18381	0.4	10977.2
Zn 202.548	242.440	ug/L	2.27587	0.9	5928.52
Zr 339.198	15.7951	ug/L	0.835640	5.3	910.220

360-24665-A-16-C@2 (Samp) **9/25/2009, 3:13:22 PM** **Rack 2, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.615266uv	ug/L	0.268798	43.7	2.55054
Al 237.312	115373	ug/L	212.182	0.2	454792
As 188.980	35.2836	ug/L	2.87242	8.1	38.8087
B 249.678	5.39254	ug/L	0.103945	1.9	189.208
Ba 493.408	46.7060	ug/L	0.177999	0.4	116242
Be 313.042	1.86183	ug/L	0.003344	0.2	6574.49
Ca 373.690	2234.93	ug/L	1.46600	0.1	11380.9
Cd 214.439	0.972678	ug/L	0.045287	4.7	44.5679
Co 228.615	7.78975	ug/L	0.243237	3.1	81.3663
Cr 267.716	71.1491	ug/L	0.159934	0.2	3439.85
Cu 327.395	35.4938	ug/L	0.065695	0.2	2510.27
Fe 273.955	48561.9	ug/L	30.6072	0.1	656890
K 404.721	1592.66	ug/L	181.519	11.4	35.8330
Li 610.365	23.7986	ug/L	0.228149	1.0	1800.22
Mg 279.078	1969.28	ug/L	3.72793	0.2	8979.21

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	94.0786	ug/L	0.841734	0.9	28693.5
Mo 202.032	2.31199	ug/L	0.057134	2.5	32.0819
Na 330.237	4.40133uv	ug/L	37.5132	852.3	9.52844
Ni 216.555	21.7787	ug/L	0.182053	0.8	191.349
Pb 220.353	85.9940	ug/L	0.402398	0.5	447.969
Sb 217.582	-0.153649uv	ug/L	0.553582	360.3	3.10205
Se 196.026	-0.208512uv	ug/L	1.75769	843.0	2.62897
Si 251.611	9971.76	ug/L	61.5425	0.6	52311.6
Si 288.158	10077.8	ug/L	67.3789	0.7	124005
Sn 283.998	27.5705	ug/L	0.552640	2.0	136.592
Sr 421.552	7.64568	ug/L	0.000208	0.0	18759.4
Ti 336.122	1311.76	ug/L	0.623984	0.0	321235
Tl 190.794	-0.538752uv	ug/L	0.511263	94.9	1.50018
V 292.401	122.692	ug/L	0.318449	0.3	4842.22
Zn 202.548	45.6367	ug/L	0.080153	0.2	1157.75
Zr 339.198	26.1181	ug/L	4.63455	17.7	1503.95

CCV (CCV) **9/25/2009, 3:30:48 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	978.707	ug/L	2.87953	0.3	8477.82	97.87067
Al 237.312	4857.31	ug/L	10.2586	0.2	21796.2	97.14621
As 188.980	967.825	ug/L	1.63363	0.2	1038.65	96.78247
B 249.678	943.069	ug/L	18.5667	2.0	28466.9	94.30686
Ba 493.408	971.037	ug/L	1.98680	0.2	2413848	97.10368
Be 313.042	982.754	ug/L	0.590795	0.1	3389244	98.27541
Ca 373.690	19724.6	ug/L	32.3253	0.2	98878.7	98.62318
Cd 214.439	988.510	ug/L	2.23388	0.2	39063.8	98.85105
Co 228.615	982.272	ug/L	1.97648	0.2	8911.07	98.22718
Cr 267.716	982.482	ug/L	2.80737	0.3	47224.1	98.24815
Cu 327.395	963.014	ug/L	17.4122	1.8	66620.2	96.30136
Fe 273.955	4980.81	ug/L	5.85538	0.1	79011.0	99.61625
K 404.721	20269.6	ug/L	431.901	2.1	292.247	101.34797
Li 610.365	4898.45	ug/L	8.55572	0.2	370857	97.96899
Mg 279.078	19708.1	ug/L	42.8324	0.2	88616.1	98.54035
Mn 257.610	980.547	ug/L	1.49695	0.2	298663	98.05475
Mo 202.032	982.611	ug/L	4.02853	0.4	9098.45	98.26113
Na 330.237	19549.2	ug/L	18.9013	0.1	2709.06	97.74598
Ni 216.555	989.525	ug/L	1.03317	0.1	8563.52	98.95249
Pb 220.353	987.828	ug/L	0.522216	0.1	5089.04	98.78279
Sb 217.582	959.947	ug/L	3.40144	0.4	1885.92	95.99473
Se 196.026	957.335	ug/L	3.43277	0.4	539.927	95.73347
Si 251.611	1003.01	ug/L	17.4887	1.7	5306.79	100.30070
Si 288.158	997.847	ug/L	16.5444	1.7	12685.7	99.78474
Sn 283.998	978.662	ug/L	1.44123	0.1	4568.90	97.86621
Sr 421.552	972.871	ug/L	2.97253	0.3	2383894	97.28712
Ti 336.122	976.882	ug/L	1.43467	0.1	239235	97.68821
Tl 190.794	980.301	ug/L	1.38137	0.1	805.031	98.03005
V 292.401	978.831	ug/L	1.78784	0.2	38573.6	97.88314
Zn 202.548	1000.64	ug/L	2.45506	0.2	24308.4	100.06404
Zr 339.198	976.319	ug/L	3.57878	0.4	56154.8	97.63190

CCB (CCB) **9/25/2009, 3:33:41 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.134621uv	ug/L	0.319974	237.7	6.71014	-0.13462
Al 237.312	1.90464	ug/L	0.993553	52.2	12.1786	1.90464
As 188.980	1.59868	ug/L	0.037878	2.4	2.69268	1.59868
B 249.678	29.1176	ug/L	4.64321	15.9	904.689	29.11757
Ba 493.408	0.050927	ug/L	0.000072	0.1	271.729	0.05093
Be 313.042	0.069573	ug/L	0.002065	3.0	393.775	0.06957
Ca 373.690	-0.554829uv	ug/L	0.767246	138.3	23.4022	-0.55483
Cd 214.439	-0.005789uv	ug/L	0.011598	200.3	5.90710	-0.00579
Co 228.615	0.325508	ug/L	0.067217	20.6	13.7333	0.32551
Cr 267.716	0.032588	ug/L	0.022952	70.4	23.1088	0.03259
Cu 327.395	0.278126	ug/L	0.156824	56.4	76.1663	0.27813
Fe 273.955	2.83602	ug/L	0.421967	14.9	55.2819	2.83602
K 404.721	45.5569uv	ug/L	197.593	433.7	16.3671	45.55691
Li 610.365	-0.002735uv	ug/L	0.051332	1877.2	-1.75781	-0.00273
Mg 279.078	1.69350	ug/L	0.668845	39.5	16.2134	1.69350
Mn 257.610	0.017454	ug/L	0.003552	20.4	47.6531	0.01745
Mo 202.032	9.80202	ug/L	2.20627	22.5	101.354	9.80202
Na 330.237	5.66850uv	ug/L	52.3572	923.7	9.69690	5.66850
Ni 216.555	0.044994	ug/L	0.013634	30.3	3.32626	0.04499
Pb 220.353	-0.107364uv	ug/L	0.220863	205.7	4.86963	-0.10736
Sb 217.582	1.19203	ug/L	0.285682	24.0	5.74100	1.19203
Se 196.026	2.21068	ug/L	0.653331	29.6	3.98643	2.21068
Si 251.611	6.39323	ug/L	1.77213	27.7	83.5862	6.39323
Si 288.158	4.98658	ug/L	1.72051	34.5	513.401	4.98658
Sn 283.998	1.10463	ug/L	0.964032	87.3	13.2554	1.10463
Sr 421.552	0.066073	ug/L	0.001146	1.7	186.790	0.06607
Ti 336.122	0.552525	ug/L	0.136460	24.7	164.985	0.55253
Tl 190.794	-0.360633uv	ug/L	0.830581	230.3	1.64610	-0.36063
V 292.401	0.402362	ug/L	0.071017	17.7	24.0974	0.40236
Zn 202.548	-0.234055uv	ug/L	0.052022	22.2	45.7732	-0.23405
Zr 339.198	0.703923	ug/L	0.031732	4.5	42.2507	0.70392

CCV (CCV) **9/25/2009, 4:17:27 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	969.856	ug/L	1.54045	0.2	8401.22	96.98556
Al 237.312	4813.85	ug/L	15.0150	0.3	21604.1	96.27693
As 188.980	961.259	ug/L	1.72344	0.2	1031.61	96.12594
B 249.678	931.988	ug/L	3.34555	0.4	28132.8	93.19884
Ba 493.408	962.809	ug/L	1.42000	0.1	2393397	96.28092
Be 313.042	976.914	ug/L	0.184114	0.0	3369103	97.69138
Ca 373.690	19589.2	ug/L	53.9749	0.3	98210.4	97.94594
Cd 214.439	980.303	ug/L	2.26465	0.2	38739.5	98.03029
Co 228.615	973.726	ug/L	2.40155	0.2	8833.63	97.37258
Cr 267.716	973.344	ug/L	3.30209	0.3	46785.1	97.33443
Cu 327.395	954.933	ug/L	3.81011	0.4	66061.6	95.49329
Fe 273.955	4960.22	ug/L	8.18559	0.2	78691.8	99.20437
K 404.721	20178.6	ug/L	499.495	2.5	290.903	100.89285
Li 610.365	4847.19	ug/L	9.43442	0.2	366976	96.94385
Mg 279.078	19511.4	ug/L	27.9293	0.1	87744.6	97.55682

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	972.463	ug/L	2.84258	0.3	296201	97.24626
Mo 202.032	972.191	ug/L	4.74311	0.5	9002.07	97.21907
Na 330.237	19458.8	ug/L	42.0549	0.2	2696.09	97.29379
Ni 216.555	980.602	ug/L	2.06439	0.2	8486.33	98.06016
Pb 220.353	980.378	ug/L	0.059559	0.0	5050.69	98.03775
Sb 217.582	947.150	ug/L	2.76291	0.3	1860.82	94.71496
Se 196.026	956.625	ug/L	3.20839	0.3	539.529	95.66251
Si 251.611	1006.71	ug/L	17.3318	1.7	5326.18	100.67053
Si 288.158	1002.22	ug/L	15.7678	1.6	12739.3	100.22243
Sn 283.998	968.730	ug/L	1.47196	0.2	4522.62	96.87305
Sr 421.552	965.159	ug/L	2.25507	0.2	2364996	96.51588
Ti 336.122	970.740	ug/L	3.18742	0.3	237731	97.07399
Tl 190.794	976.292	ug/L	4.27695	0.4	801.748	97.62925
V 292.401	971.481	ug/L	3.29644	0.3	38284.0	97.14806
Zn 202.548	994.570	ug/L	2.31821	0.2	24161.2	99.45700
Zr 339.198	978.619	ug/L	5.31785	0.5	56287.0	97.86190

CCB (CCB) **9/25/2009, 4:19:52 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.318455uv	ug/L	0.052014	16.3	5.11920	-0.31846
Al 237.312	1.84493	ug/L	0.112362	6.1	11.9068	1.84493
As 188.980	1.57356	ug/L	0.429054	27.3	2.66575	1.57356
B 249.678	28.5162	ug/L	4.44324	15.6	886.552	28.51616
Ba 493.408	0.089953	ug/L	0.001278	1.4	368.735	0.08995
Be 313.042	0.102390	ug/L	0.001456	1.4	506.944	0.10239
Ca 373.690	0.197687uv	ug/L	0.303757	153.7	27.2321	0.19769
Cd 214.439	-0.005138uv	ug/L	0.019152	372.8	5.93283	-0.00514
Co 228.615	0.580634	ug/L	0.042101	7.3	16.0450	0.58063
Cr 267.716	0.064024	ug/L	0.000485	0.8	24.6191	0.06402
Cu 327.395	0.241187	ug/L	0.020136	8.3	73.6130	0.24119
Fe 273.955	2.71030	ug/L	0.293857	10.8	53.2424	2.71030
K 404.721	-342.188uv	ug/L	154.895	45.3	11.5234	-342.18784
Li 610.365	-0.159249uv	ug/L	0.102445	64.3	-13.6074	-0.15925
Mg 279.078	1.53076	ug/L	0.259825	17.0	15.4711	1.53076
Mn 257.610	0.053409	ug/L	0.008709	16.3	58.6031	0.05341
Mo 202.032	9.39757	ug/L	2.09780	22.3	97.6133	9.39757
Na 330.237	0.792881uv	ug/L	13.1571	1659.4	9.04895	0.79288
Ni 216.555	0.037299uv	ug/L	0.386303	1035.7	3.25969	0.03730
Pb 220.353	0.128386uv	ug/L	0.391534	305.0	6.08286	0.12839
Sb 217.582	1.41543	ug/L	0.024495	1.7	6.17911	1.41543
Se 196.026	4.14538	ug/L	5.19202	125.2	5.07203	4.14538
Si 251.611	4.12289	ug/L	1.46562	35.5	71.6874	4.12289
Si 288.158	2.87592	ug/L	1.58882	55.2	487.524	2.87592
Sn 283.998	0.282529	ug/L	0.118541	42.0	9.42419	0.28253
Sr 421.552	0.101719	ug/L	0.002425	2.4	274.134	0.10172
Ti 336.122	0.508944	ug/L	0.140128	27.5	154.313	0.50894
Tl 190.794	1.81347	ug/L	1.01721	56.1	3.42718	1.81347
V 292.401	0.471373	ug/L	0.104519	22.2	26.8164	0.47137
Zn 202.548	-0.055255uv	ug/L	0.022718	41.1	50.1075	-0.05525
Zr 339.198	0.692982	ug/L	0.142468	20.6	41.6215	0.69298

Interf Check A (ICSA) **9/25/2009, 4:22:30 PM** **Rack 0, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.119380uv	ug/L	0.305083	255.6	6.84204	-0.11938
Al 237.312	110887	ug/L	803.616	0.7	4374420	887.29688K
As 188.980	0.829008	ug/L	0.785159	94.7	1.86746	0.82901
B 249.678	11.8174	ug/L	0.860212	7.3	382.965	11.81743
Ba 493.408	0.411943	ug/L	0.003254	0.8	1169.11	0.41194
Be 313.042	0.017746	ug/L	0.003432	19.3	215.045	0.01775
Ca 373.690	104299	ug/L	611.205	0.6	4880394	298.90625K
Cd 214.439	0.813055	ug/L	0.114500	14.1	38.2610	0.81305
Co 228.615	2.10732	ug/L	0.150077	7.1	29.8782	2.10732
Cr 267.716	0.369896	ug/L	0.084838	22.9	39.3145	0.36990
Cu 327.395	0.700380	ug/L	0.022094	3.2	105.352	0.70038
Fe 273.955	43256.2	ug/L	264.052	0.6	5900813	256.21094K
K 404.721	1841.09	ug/L	77.5476	4.2	38.9834	1841.09375
Li 610.365	1.19179	ug/L	0.087907	7.4	88.6787	1.19179
Mg 279.078	109458	ug/L	613.410	0.6	4595739	457.60938K
Mn 257.610	3.26227	ug/L	0.029348	0.9	1035.84	3.26227
Mo 202.032	1.48194	ug/L	0.870977	58.8	24.4051	1.48194
Na 330.237	176.005	ug/L	53.2133	30.2	32.3344	176.00528
Ni 216.555	5.12000	ug/L	0.096033	1.9	47.2312	5.12000
Pb 220.353	-1.20713uv	ug/L	0.417675	34.6	-0.790039	-1.20713
Sb 217.582	-0.194250uv	ug/L	0.324416	167.0	3.02243	-0.19425
Se 196.026	-0.172399uv	ug/L	0.890132	516.3	2.64923	-0.17240
Si 251.611	0.179031	ug/L	0.109161	61.0	51.0178	0.17903
Si 288.158	-1.05301uv	ug/L	0.850255	80.7	439.356	-1.05301
Sn 283.998	2.64329	ug/L	0.988814	37.4	20.4259	2.64329
Sr 421.552	0.593833	ug/L	0.000143	0.0	1479.98	0.59383
Ti 336.122	1.57867	ug/L	0.081248	5.1	416.253	1.57867
Tl 190.794	0.235915uv	ug/L	2.31793	982.5	2.13480	0.23591
V 292.401	2.25693	ug/L	0.149045	6.6	97.1663	2.25693
Zn 202.548	2.54431	ug/L	0.032073	1.3	113.125	2.54431
Zr 339.198	0.671936	ug/L	0.065443	9.7	40.4110	0.67194

Interf Check AB (ICSAB) **9/25/2009, 4:25:14 PM** **Rack 0, Tube 11**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	597.897	ug/L	0.631882	0.1	5182.21	99.64950
Al 237.312	108868	ug/L	547.312	0.5	429632	108.86792
As 188.980	1921.59	ug/L	7.20166	0.4	2061.25	96.07932
B 249.678	7.26193	ug/L	0.007734	0.1	245.583	-
Ba 493.408	570.109	ug/L	2.03975	0.4	1417264	95.01824
Be 313.042	188.153	ug/L	0.693533	0.4	649011	94.07651
Ca 373.690	101904	ug/L	239.571	0.2	477737	101.90367
Cd 214.439	570.682	ug/L	1.60295	0.3	22554.7	95.11365
Co 228.615	567.948	ug/L	1.65253	0.3	5156.91	94.65796
Cr 267.716	561.402	ug/L	1.63493	0.3	26993.7	93.56696
Cu 327.395	575.306	ug/L	4.86801	0.8	39821.9	95.88427
Fe 273.955	42470.9	ug/L	158.165	0.4	580192	106.17717
K 404.721	42441.8	ug/L	312.591	0.7	647.985	106.10438
Li 610.365	1.25815	ug/L	0.172822	13.7	93.7031	-
Mg 279.078	106344	ug/L	348.305	0.3	447452	106.34403

MET092509emn@720/725/730/735-ES@Quant@. All Data Report 9/25/2009, 4:28:10 PM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	379.044	ug/L	1.02242	0.3	115478	94.76101
Mo 202.032	0.465459	ug/L	0.197416	42.4	15.0041	-
Na 330.237	-36.6436uv	ug/L	5.50849	15.0	4.07556	-
Ni 216.555	570.120	ug/L	2.36145	0.4	4935.16	95.02000
Pb 220.353	1864.60	ug/L	4.88372	0.3	9601.14	93.23012
Sb 217.582	896.345	ug/L	2.76391	0.3	1761.19	89.63446
Se 196.026	937.703	ug/L	13.0885	1.4	528.911	93.77029
Si 251.611	-0.526286uv	ug/L	1.09276	207.6	47.3213	-
Si 288.158	-1.26300uv	ug/L	0.914142	72.4	436.782	-
Sn 283.998	254.735	ug/L	1.09080	0.4	1195.23	-
Sr 421.552	0.615883	ug/L	0.007380	1.2	1534.01	-
Ti 336.122	1.66152	ug/L	0.014155	0.9	436.541	-
Tl 190.794	1863.50	ug/L	5.37356	0.3	1528.57	93.17502
V 292.401	578.610	ug/L	2.08351	0.4	22805.1	96.43496
Zn 202.548	555.026	ug/L	4.35084	0.8	13506.1	92.50437
Zr 339.198	1.66171	ug/L	0.063239	3.8	97.3380	-

MET092809emn@720/725/730/735-ES@Quant@. All Data Report 9/29/2009, 8:48:32 AM

Blank (Blk) **9/28/2009, 10:00:41 AM** **Rack 0, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	0.000000	ug/L	2.921	53.0	5.51361
Al 237.312	0.000000	ug/L	2.586	67.2	3.84479
As 188.980	0.000000	ug/L	0.229	16.4	1.39498
B 249.678	0.000000	ug/L	4.716	21.9	21.5488
Ba 493.408	0.000000	ug/L	5.196	3.8	137.896
Be 313.042	0.000000	ug/L	0.411	1.8	22.6459
Ca 373.690	0.000000	ug/L	2.540	13.6	18.6681
Cd 214.439	0.000000	ug/L	1.371	30.8	4.45039
Co 228.615	0.000000	ug/L	0.481	5.4	8.86267
Cr 267.716	0.000000	ug/L	3.603	20.1	17.9234
Cu 327.395	0.000000	ug/L	7.341	11.5	63.7245
Fe 273.955	0.000000	ug/L	0.869	2.3	37.5460
K 404.721	0.000000	ug/L	4.240	41.8	10.1387
Li 610.365	0.000000	ug/L	3.607	449.4	-0.802734
Mg 279.078	0.000000	ug/L	0.188	2.7	6.99335
Mn 257.610	0.000000	ug/L	2.095	4.2	50.4024
Mo 202.032	0.000000	ug/L	2.151	26.6	8.08748
Na 330.237	0.000000	ug/L	2.577	21.8	11.8013
Ni 216.555	0.000000	ug/L	0.583	14.7	3.96764
Pb 220.353	0.000000	ug/L	1.937	40.2	4.82169
Sb 217.582	0.000000	ug/L	0.288	6.1	4.71187
Se 196.026	0.000000	ug/L	0.151	6.7	2.23861
Si 251.611	0.000000	ug/L	3.563	4.7	75.1411
Si 288.158	0.000000	ug/L	7.519	1.5	493.876
Sn 283.998	0.000000	ug/L	1.466	19.6	7.48535
Sr 421.552	0.000000	ug/L	3.285	13.3	24.6504
Ti 336.122	0.000000	ug/L	48.719	63.7	76.5085
Tl 190.794	0.000000	ug/L	0.358	21.3	1.67809
V 292.401	0.000000	ug/L	1.304	9.1	14.2810
Zn 202.548	0.000000	ug/L	1.037	1.6	65.1251
Zr 339.198	0.000000	ug/L	2.269	45.8	4.95789

Standard 1 (Std) **9/28/2009, 10:03:35 AM** **Rack 0, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	1000.00	ug/L	9.490	0.1	8383.12
Al 237.312	5000.00	ug/L	13.088	0.1	21828.9
As 188.980	1000.00	ug/L	1.420	0.1	1040.12
B 249.678	1000.00	ug/L	449.982	1.6	28325.8
Ba 493.408	1000.00	ug/L	3077.506	0.1	2450499
Be 313.042	1000.00	ug/L	4946.389	0.2	3293756
Ca 373.690	20000.0	ug/L	125.705	0.1	95099.3
Cd 214.439	1000.00	ug/L	74.898	0.2	38270.9
Co 228.615	1000.00	ug/L	8.362	0.1	8631.80
Cr 267.716	1000.00	ug/L	56.803	0.1	46787.3
Cu 327.395	1000.00	ug/L	82.306	0.1	68069.3
Fe 273.955	5000.00	ug/L	103.354	0.1	78581.9
K 404.721	20000.0	ug/L	4.998	1.8	275.795
Li 610.365	5000.00	ug/L	96.321	0.0	365344
Mg 279.078	20000.0	ug/L	118.866	0.1	85880.0
Mn 257.610	1000.00	ug/L	426.363	0.1	295812
Mo 202.032	1000.00	ug/L	38.750	0.4	9018.43
Na 330.237	20000.0	ug/L	5.811	0.2	2711.86

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ni 216.555	1000.00	ug/L	22.754	0.3	8662.73
Pb 220.353	1000.00	ug/L	3.677	0.1	4924.06
Sb 217.582	1000.00	ug/L	3.271	0.2	1972.14
Se 196.026	1000.00	ug/L	0.517	0.1	550.971
Si 251.611	1000.00	ug/L	84.715	1.6	5326.06
Si 288.158	1000.00	ug/L	187.606	1.5	12399.1
Sn 283.998	1000.00	ug/L	0.187	0.0	4484.73
Sr 421.552	1000.00	ug/L	1944.720	0.1	2386625
Ti 336.122	1000.00	ug/L	214.983	0.1	237227
Tl 190.794	1000.00	ug/L	0.199	0.0	804.558
V 292.401	1000.00	ug/L	36.960	0.1	37416.0
Zn 202.548	1000.00	ug/L	34.134	0.1	23731.6
Zr 339.198	1000.00	ug/L	298.272	0.5	55579.5

Standard 2 (Std) **9/28/2009, 10:06:28 AM** **Rack 0, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Al 237.312	25000.0	ug/L	115.988	0.1	101980
Ca 373.690	100000	ug/L	862.648	0.2	444002
Fe 273.955	25000.0	ug/L	542.992	0.2	349521
K 404.721	100000	ug/L	8.475	0.5	1772.04
Mg 279.078	100000	ug/L	718.465	0.2	402490
Na 330.237	100000	ug/L	31.227	0.2	15572.2

RB (ICV) **9/28/2009, 10:09:21 AM** **Rack 0, Tube 4**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.369150	ug/L	0.249236	67.5	8.60620	-
Al 237.312	0.432480	ug/L	0.467820	108.2	5.76349	-
As 188.980	4.08266	ug/L	1.59692	39.1	5.63576	-
B 249.678	8.88986	ug/L	0.805540	9.1	273.170	-
Ba 493.408	0.166072	ug/L	0.072238	43.5	544.832	-
Be 313.042	0.147955	ug/L	0.072784	49.2	509.971	-
Ca 373.690	2.22790	ug/L	1.04918	47.1	29.4346	-
Cd 214.439	0.142075	ug/L	0.133077	93.7	9.88708	-
Co 228.615	0.217226	ug/L	0.114729	52.8	10.7358	-
Cr 267.716	0.171927	ug/L	0.081844	47.6	25.9644	-
Cu 327.395	0.193011	ug/L	0.239032	123.8	76.8503	-
Fe 273.955	2.76681	ug/L	1.11646	40.4	82.2051	-
K 404.721	304.924	ug/L	115.533	37.9	13.8638	-
Li 610.365	-0.199659uv	ug/L	0.051959	26.0	-15.3916	-
Mg 279.078	3.49556	ug/L	0.439181	12.6	22.2369	-
Mn 257.610	0.083963	ug/L	0.064811	77.2	75.2355	-
Mo 202.032	2.32046	ug/L	0.871260	37.5	28.9956	-
Na 330.237	-14.3804uv	ug/L	36.8325	256.1	9.93396	-
Ni 216.555	0.205031	ug/L	0.014290	7.0	5.74295	-
Pb 220.353	0.053594	ug/L	0.072538	135.3	5.08533	-
Sb 217.582	-0.652776uv	ug/L	1.07351	164.5	3.42758	-
Se 196.026	7.86599	ug/L	1.11731	14.2	6.55493	-
Si 251.611	-3.18566uv	ug/L	1.16997	36.7	58.4134	-
Si 288.158	-1.89612uv	ug/L	1.48433	78.3	471.303	-
Sn 283.998	0.662762	ug/L	0.103393	15.6	10.4527	-
Sr 421.552	0.161210	ug/L	0.078722	48.8	409.394	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ti 336.122	-0.079219uv	ug/L	0.043301	54.7	57.7218	-
Tl 190.794	2.59956	ug/L	0.006840	0.3	3.76522	-
V 292.401	0.375909	ug/L	0.123259	32.8	28.3406	-
Zn 202.548	-0.650894uv	ug/L	0.084738	13.0	49.7207	-
Zr 339.198	0.277530	ug/L	0.070060	25.2	20.3815	-

IPC (ICV) **9/28/2009, 10:12:14 AM** **Rack 0, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	997.169	ug/L	1.31331	0.1	8359.40	99.71690
Al 237.312	4986.28	ug/L	12.8892	0.3	21770.0	99.72565
As 188.980	1000.30	ug/L	1.60916	0.2	1040.44	100.03030
B 249.678	1003.98	ug/L	14.2600	1.4	28438.5	100.39810
Ba 493.408	997.908	ug/L	1.96077	0.2	2445374	99.79083
Be 313.042	997.765	ug/L	1.30571	0.1	3286393	99.77647
Ca 373.690	19898.9	ug/L	32.8045	0.2	94626.5	99.49449
Cd 214.439	995.993	ug/L	2.02624	0.2	38117.6	99.59927
Co 228.615	995.672	ug/L	1.20002	0.1	8594.48	99.56721
Cr 267.716	996.532	ug/L	2.19598	0.2	46625.1	99.65325
Cu 327.395	990.054	ug/L	6.87832	0.7	67392.9	99.00539
Fe 273.955	4981.74	ug/L	11.3948	0.2	78302.9	99.63479
K 404.721	20064.1	ug/L	169.297	0.8	276.716	100.32020
Li 610.365	4977.57	ug/L	7.29894	0.1	363705	99.55145
Mg 279.078	19941.9	ug/L	47.2256	0.2	85634.4	99.70940
Mn 257.610	996.138	ug/L	2.18265	0.2	294670	99.61377
Mo 202.032	1000.49	ug/L	5.23589	0.5	9022.87	100.04940
Na 330.237	19916.6	ug/L	46.8997	0.2	2700.18	99.58318
Ni 216.555	992.925	ug/L	2.31704	0.2	8601.47	99.29246
Pb 220.353	997.505	ug/L	2.33090	0.2	4911.78	99.75047
Sb 217.582	1000.46	ug/L	3.11599	0.3	1973.05	100.04640
Se 196.026	1005.64	ug/L	11.3338	1.1	554.065	100.56390
Si 251.611	993.330	ug/L	15.7671	1.6	5291.04	99.33305
Si 288.158	994.731	ug/L	16.6916	1.7	12336.4	99.47311
Sn 283.998	996.941	ug/L	1.88412	0.2	4471.03	99.69413
Sr 421.552	997.619	ug/L	2.20086	0.2	2380942	99.76186
Ti 336.122	996.919	ug/L	5.25816	0.5	236496	99.69187
Tl 190.794	994.695	ug/L	4.40820	0.4	800.299	99.46946
V 292.401	996.545	ug/L	2.08679	0.2	37286.8	99.65453
Zn 202.548	995.318	ug/L	2.88017	0.3	23620.8	99.53178
Zr 339.198	1018.15	ug/L	1.69366	0.2	56588.1	101.81500

ICV (ICV) **9/28/2009, 10:15:08 AM** **Rack 0, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	1004.70	ug/L	0.453767	0.0	8422.46	100.46970
Al 237.312	1004.86	ug/L	1.51507	0.2	4447.48	100.48580
As 188.980	995.133	ug/L	1.49885	0.2	1035.07	99.51328
B 249.678	1006.65	ug/L	6.25140	0.6	28513.9	100.66450
Ba 493.408	1006.30	ug/L	1.51753	0.2	2465943	100.63030
Be 313.042	1008.67	ug/L	1.87868	0.2	3322329	100.86750
Ca 373.690	10077.3	ug/L	13.3087	0.1	48319.3	100.77330

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Cd 214.439	1010.09	ug/L	1.57610	0.2	38656.8	101.00850
Co 228.615	1011.96	ug/L	1.02609	0.1	8734.93	101.19600
Cr 267.716	997.402	ug/L	1.56406	0.2	46665.7	99.74017
Cu 327.395	990.156	ug/L	4.89459	0.5	67399.9	99.01556
Fe 273.955	975.754	ug/L	1.88032	0.2	15705.1	97.57539
K 404.721	9371.12	ug/L	405.892	4.3	129.219	93.71118
Li 610.365	10086.2	ug/L	12.6899	0.1	736988	100.86210
Mg 279.078	9966.96	ug/L	20.0538	0.2	43137.7	99.66961
Mn 257.610	1007.92	ug/L	1.51676	0.2	298153	100.79150
Mo 202.032	999.421	ug/L	4.18295	0.4	9013.21	99.94210
Na 330.237	9283.83	ug/L	35.3374	0.4	1239.53	92.83827
Ni 216.555	1012.62	ug/L	3.92146	0.4	8772.03	101.26230
Pb 220.353	1013.71	ug/L	0.768262	0.1	4991.49	101.37080
Sb 217.582	973.353	ug/L	4.66201	0.5	1919.71	97.33529
Se 196.026	1013.96	ug/L	0.337326	0.0	558.632	101.39620
Si 251.611	610.710	ug/L	43.0951	7.1	3281.94	122.14210Q
Si 288.158	610.747	ug/L	41.9146	6.9	7764.95	122.14940Q
Sn 283.998	1002.30	ug/L	1.11936	0.1	4495.01	100.22960
Sr 421.552	1000.44	ug/L	1.40144	0.1	2387666	100.04360
Ti 336.122	983.880	ug/L	0.591788	0.1	233404	98.38802
Tl 190.794	1006.98	ug/L	2.85795	0.3	810.160	100.69770
V 292.401	1007.47	ug/L	1.53363	0.2	37695.5	100.74740
Zn 202.548	1012.24	ug/L	0.957469	0.1	24021.3	101.22420
Zr 339.198	1037.63	ug/L	3.52742	0.3	57670.5	103.76260

ICB (ICB) **9/28/2009, 10:18:01 AM** **Rack 0, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.126899uv	ug/L	0.418426	329.7	6.57672	0.12690
Al 237.312	0.482434	ug/L	0.526908	109.2	5.98511	0.48243
As 188.980	1.99906	ug/L	0.706457	35.3	3.47146	1.99906
B 249.678	34.6820	ug/L	4.77769	13.8	1003.20	34.68205
Ba 493.408	0.043704	ug/L	0.033971	77.7	244.987	0.04370
Be 313.042	0.048363	ug/L	0.028162	58.2	181.939	0.04836
Ca 373.690	-0.116410uv	ug/L	0.420869	361.5	18.1055	-0.11641
Cd 214.439	0.018722uv	ug/L	0.077383	413.3	5.16681	0.01872
Co 228.615	0.132044	ug/L	0.029995	22.7	10.0013	0.13204
Cr 267.716	0.047146	ug/L	0.030906	65.6	20.1284	0.04715
Cu 327.395	-0.026539uv	ug/L	0.028949	109.1	61.9197	-0.02654
Fe 273.955	0.307516	ug/L	0.161353	52.5	42.5097	0.30752
K 404.721	203.533	ug/L	22.2911	11.0	12.6238	203.53270
Li 610.365	-0.229917uv	ug/L	0.078269	34.0	-17.6025	-0.22992
Mg 279.078	0.837081	ug/L	0.701463	83.8	10.6437	0.83708
Mn 257.610	-0.027156uv	ug/L	0.035969	132.5	42.3706	-0.02716
Mo 202.032	12.1837	ug/L	2.10560	17.3	117.867	12.18369
Na 330.237	-21.1920uv	ug/L	1.87853	8.9	9.04944	-21.19199
Ni 216.555	-0.099388uv	ug/L	0.137304	138.1	3.10706	-0.09939
Pb 220.353	0.249011uv	ug/L	0.467025	187.6	6.04663	0.24901
Sb 217.582	3.62054	ug/L	1.22264	33.8	11.8350	3.62054
Se 196.026	1.93418	ug/L	0.130236	6.7	3.29996	1.93418
Si 251.611	-3.33770uv	ug/L	1.94930	58.4	57.6151	-3.33770
Si 288.158	-2.12476uv	ug/L	1.85657	87.4	468.581	-2.12476
Sn 283.998	0.335505uv	ug/L	0.636111	189.6	8.98749	0.33550

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sr 421.552	0.048257	ug/L	0.028683	59.4	139.822	0.04826
Ti 336.122	0.264848	ug/L	0.223981	84.6	139.317	0.26485
Tl 190.794	1.17501	ug/L	0.303068	25.8	2.62148	1.17501
V 292.401	0.002143uv	ug/L	0.047128	2199.5	14.3611	0.00214
Zn 202.548	-0.810422uv	ug/L	0.100057	12.3	45.9452	-0.81042
Zr 339.198	0.242779	ug/L	0.130249	53.6	18.4502	0.24278

CRI-RL (CRI) **9/28/2009, 10:20:55 AM** **Rack 0, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	2.77126	ug/L	0.185098	6.7	28.7302	55.42528R
Al 237.312	104.762	ug/L	0.718938	0.7	468.468	104.76230
As 188.980	10.3959	ug/L	0.635398	6.1	12.1934	103.95850
B 249.678	24.8915	ug/L	0.828428	3.3	726.083	248.91470R
Ba 493.408	11.2309	ug/L	0.033551	0.3	27657.7	112.30930
Be 313.042	1.01095	ug/L	0.005918	0.6	3352.45	101.09500
Ca 373.690	417.543	ug/L	1.80605	0.4	2035.80	104.38580
Cd 214.439	1.00162	ug/L	0.024494	2.4	42.7787	100.16170
Co 228.615	10.6303	ug/L	0.167342	1.6	100.527	106.30330
Cr 267.716	5.31996	ug/L	0.084784	1.6	266.735	106.39930
Cu 327.395	10.7439	ug/L	0.005932	0.1	794.368	107.43870
Fe 273.955	103.727	ug/L	0.331753	0.3	1710.90	103.72690
K 404.721	3924.62	ug/L	255.664	6.5	58.8508	98.11545
Li 610.365	81.4475	ug/L	0.254424	0.3	5950.48	-R
Mg 279.078	426.197	ug/L	0.093503	0.0	1864.97	106.54930
Mn 257.610	10.7611	ug/L	0.000750	0.0	3233.12	107.61100
Mo 202.032	13.0961	ug/L	1.21827	9.3	126.088	130.96080R
Na 330.237	1878.04	ug/L	41.9272	2.2	256.577	93.90173
Ni 216.555	10.6029	ug/L	0.052221	0.5	95.7759	106.02930
Pb 220.353	5.85691	ug/L	0.409270	7.0	33.6332	117.13830
Sb 217.582	10.0906	ug/L	0.299982	3.0	24.5644	100.90650
Se 196.026	10.6821	ug/L	1.67932	15.7	8.10025	106.82150
Si 251.611	92.9400	ug/L	1.75314	1.9	563.162	92.93996
Si 288.158	96.2566	ug/L	2.38242	2.5	1639.83	96.25664
Sn 283.998	31.5973	ug/L	1.50540	4.8	148.954	63.19469R
Sr 421.552	22.2574	ug/L	0.061145	0.3	53144.2	111.28710
Ti 336.122	10.4341	ug/L	0.032380	0.3	2550.95	104.34060
Tl 190.794	11.8456	ug/L	3.37912	28.5	11.1887	118.45560
V 292.401	10.3841	ug/L	0.037857	0.4	402.665	103.84150
Zn 202.548	51.5542	ug/L	0.215541	0.4	1285.23	103.10850
Zr 339.198	10.0251	ug/L	0.039857	0.4	562.099	-R

CRI2-MCP (CRI) **9/28/2009, 10:23:50 AM** **Rack 0, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	6.81969	ug/L	0.365478	5.4	62.6462	97.42410
Al 237.312	0.341735	ug/L	0.137262	40.2	5.36090	-
As 188.980	50.4706	ug/L	0.918442	1.8	53.8202	100.94120
B 249.678	9.40891	ug/L	0.446175	4.7	287.861	-
Ba 493.408	2139.90	ug/L	3.18819	0.1	5243667	106.99500
Be 313.042	4.14339	ug/L	0.003266	0.1	13669.9	103.58480

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ca 373.690	10.2288	ug/L	0.061087	0.6	68.0994	-
Cd 214.439	5.17616	ug/L	0.010841	0.2	202.524	103.52320
Co 228.615	-0.018219uv	ug/L	0.185037	1015.6	8.70557	-
Cr 267.716	107.017	ug/L	0.036383	0.0	5023.02	107.01670
Cu 327.395	0.160570	ug/L	0.018275	11.4	74.6442	-
Fe 273.955	-0.827979uv	ug/L	0.004631	0.6	24.1814	-
K 404.721	-93.7639uv	ug/L	461.996	492.7	8.99634	-
Li 610.365	-0.088797uv	ug/L	0.072390	81.5	-7.29102	-
Mg 279.078	0.375698	ug/L	0.034362	9.1	8.63171	-
Mn 257.610	-0.000023uv	ug/L	0.000410	1750.6	50.3955	-
Mo 202.032	1.61860	ug/L	0.433121	26.8	22.6716	-
Na 330.237	24.2582	ug/L	8.47581	34.9	14.9514	-
Ni 216.555	109.584	ug/L	0.377177	0.3	952.830	109.58410
Pb 220.353	16.2109	ug/L	0.429124	2.6	84.5671	108.07290
Sb 217.582	5.94982	ug/L	0.417649	7.0	16.4177	99.16373
Se 196.026	48.6687	ug/L	1.03286	2.1	28.9447	97.33733
Si 251.611	-3.97875uv	ug/L	1.72670	43.4	54.2490	-
Si 288.158	-3.11642uv	ug/L	1.59213	51.1	456.775	-
Sn 283.998	47.6473	ug/L	1.14891	2.4	220.814	-
Sr 421.552	0.010987	ug/L	0.001208	11.0	50.8716	-
Ti 336.122	-0.129871uv	ug/L	0.075488	58.1	45.7095	-
Tl 190.794	2.39571	ug/L	0.578855	24.2	3.60156	119.78530
V 292.401	51.7313	ug/L	0.095806	0.2	1949.12	103.46250
Zn 202.548	947.731	ug/L	0.316998	0.0	22494.6	105.30340
Zr 339.198	0.064354	ug/L	0.008601	13.4	8.53430	-

Interf Check A (ICSA) **9/28/2009, 10:26:44 AM** **Rack 0, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.335607	ug/L	0.457053	136.2	8.32520	0.33561
Al 237.312	115499	ug/L	466.602	0.4	4387765	499.29688K
As 188.980	0.412499	ug/L	0.567729	137.6	1.82346	0.41250
B 249.678	6.76933	ug/L	0.328827	4.9	213.150	6.76933
Ba 493.408	0.542925	ug/L	0.070304	12.9	1468.26	0.54293
Be 313.042	0.007970	ug/L	0.000110	1.4	48.8979	0.00797
Ca 373.690	105988	ug/L	201.017	0.2	4682375	988.29688K
Cd 214.439	0.649722	ug/L	0.077400	11.9	29.3130	0.64972
Co 228.615	1.52497	ug/L	0.147354	9.7	22.0124	1.52497
Cr 267.716	0.356719	ug/L	0.014669	4.1	34.6069	0.35672
Cu 327.395	0.557620	ug/L	0.023390	4.2	101.646	0.55762
Fe 273.955	44700.8	ug/L	126.981	0.3	5823334	700.82031K
K 404.721	1776.12	ug/L	543.536	30.6	31.9841	1776.11804
Li 610.365	0.934143	ug/L	0.013325	1.4	67.4541	0.93414
Mg 279.078	111467	ug/L	352.962	0.3	4447891	466.89844K
Mn 257.610	3.25995	ug/L	0.004650	0.1	1014.57	3.25995
Mo 202.032	0.510807	ug/L	0.458705	89.8	12.6900	0.51081
Na 330.237	81.6948	ug/L	2.48661	3.0	22.4112	81.69477
Ni 216.555	5.31132	ug/L	0.046788	0.9	49.9571	5.31132
Pb 220.353	-1.18214uv	ug/L	0.006808	0.6	-0.993530	-1.18214
Sb 217.582	-0.596469uv	ug/L	0.235488	39.5	3.53836	-0.59647
Se 196.026	-1.41263uv	ug/L	0.020174	1.4	1.46345	-1.41263
Si 251.611	-7.07596uv	ug/L	1.32313	18.7	37.9857	-7.07596
Si 288.158	-5.60582uv	ug/L	0.752744	13.4	427.138	-5.60582

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sn 283.998	2.59979	ug/L	1.83027	70.4	19.1252	2.59979
Sr 421.552	0.595840	ug/L	0.002377	0.4	1446.68	0.59584
Ti 336.122	1.50929	ug/L	0.019691	1.3	434.439	1.50929
Tl 190.794	1.70363	ug/L	0.879772	51.6	3.04590	1.70363
V 292.401	2.04383	ug/L	0.138313	6.8	90.7236	2.04383
Zn 202.548	-1.01169uv	ug/L	2.44430	241.6	41.1818	-1.01169
Zr 339.198	0.590189	ug/L	0.035214	6.0	37.7573	0.59019

Interf Check AB (ICSAB) **9/28/2009, 10:29:39 AM** **Rack 0, Tube 11**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	613.580	ug/L	0.592521	0.1	5145.85	102.26330
Al 237.312	114152	ug/L	180.152	0.2	433763	114.15210
As 188.980	1993.70	ug/L	2.90611	0.1	2072.30	99.68488
B 249.678	4.49207	ug/L	0.869106	19.3	148.693	-
Ba 493.408	591.265	ug/L	0.265597	0.0	1448951	98.54419
Be 313.042	191.274	ug/L	0.260601	0.1	630027	95.63683
Ca 373.690	107384	ug/L	77.9806	0.1	473886	107.38420
Cd 214.439	577.328	ug/L	0.466369	0.1	22096.8	96.22141
Co 228.615	579.285	ug/L	0.331197	0.1	5004.00	96.54743
Cr 267.716	574.481	ug/L	0.742367	0.1	26886.0	95.74679
Cu 327.395	598.551	ug/L	4.27311	0.7	40768.5	99.75849
Fe 273.955	44095.7	ug/L	35.7255	0.1	575182	110.23930
K 404.721	43081.1	ug/L	142.477	0.3	636.276	107.70290
Li 610.365	0.863523	ug/L	0.231782	26.8	62.2939	-
Mg 279.078	108747	ug/L	56.7287	0.1	434754	108.74650
Mn 257.610	386.641	ug/L	0.342030	0.1	114404	96.66020
Mo 202.032	0.467933	ug/L	0.031038	6.6	12.3037	-
Na 330.237	-14.7408uv	ug/L	51.5159	349.5	9.88721	-
Ni 216.555	580.565	ug/L	1.09855	0.2	5030.94	96.76083
Pb 220.353	1891.33	ug/L	0.136121	0.0	9308.72	94.56651
Sb 217.582	945.658	ug/L	3.21150	0.3	1865.22	94.56576
Se 196.026	982.183	ug/L	2.52895	0.3	541.194	98.21831
Si 251.611	-7.76116uv	ug/L	1.44789	18.7	34.3878	-
Si 288.158	-4.30344uv	ug/L	0.613915	14.3	442.643	-
Sn 283.998	251.778	ug/L	0.641420	0.3	1134.76	-
Sr 421.552	0.624932	ug/L	0.001938	0.3	1516.11	-
Ti 336.122	1.48783	ug/L	0.039608	2.7	429.349	-
Tl 190.794	1895.82	ug/L	6.75342	0.4	1523.80	94.79118
V 292.401	590.720	ug/L	1.14012	0.2	22108.2	98.45337
Zn 202.548	559.102	ug/L	3.08172	0.6	13297.1	93.18369
Zr 339.198	0.952001	ug/L	0.108775	11.4	57.8649	-

RB (ICSAB) **9/28/2009, 10:32:33 AM** **Rack 4, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.380828uv	ug/L	0.165646	43.5	2.32318	-
Al 237.312	1.19035	ug/L	0.188510	15.8	9.12579	-
As 188.980	2.59082	ug/L	0.106101	4.1	4.08614	-
B 249.678	3.07652	ug/L	0.061178	2.0	108.627	-
Ba 493.408	-0.005953uv	ug/L	0.001729	29.0	123.309	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Be 313.042	0.007296	ug/L	0.001406	19.3	46.6785	-
Ca 373.690	0.322468uv	ug/L	1.25566	389.4	20.2264	-
Cd 214.439	0.010838	ug/L	0.000736	6.8	4.86513	-
Co 228.615	0.088320uv	ug/L	0.140620	159.2	9.62425	-
Cr 267.716	-0.035286uv	ug/L	0.051508	146.0	16.2731	-
Cu 327.395	-0.040817uv	ug/L	0.088960	218.0	60.9487	-
Fe 273.955	4.73647	ug/L	1.36373	28.8	113.997	-
K 404.721	-117.259uv	ug/L	259.854	221.6	8.70837	-
Li 610.365	-0.173624uv	ug/L	0.043680	25.2	-13.4893	-
Mg 279.078	1.54376	ug/L	0.274814	17.8	13.7255	-
Mn 257.610	-0.060274uv	ug/L	0.004448	7.4	32.5757	-
Mo 202.032	0.153875	ug/L	0.180345	117.2	9.47395	-
Na 330.237	-37.5539uv	ug/L	22.1913	59.1	6.92481	-
Ni 216.555	0.152959	ug/L	0.182061	119.0	5.29207	-
Pb 220.353	0.221132	ug/L	0.259587	117.4	5.90948	-
Sb 217.582	1.11600uv	ug/L	2.03894	182.7	6.90752	-
Se 196.026	1.62022uv	ug/L	3.21713	198.6	3.12768	-
Si 251.611	-4.00056uv	ug/L	1.43005	35.7	54.1344	-
Si 288.158	-2.81354uv	ug/L	1.43381	51.0	460.380	-
Sn 283.998	0.483593	ug/L	0.191672	39.6	9.65051	-
Sr 421.552	-0.002221uv	ug/L	0.001903	85.7	19.3498	-
Ti 336.122	-0.173881uv	ug/L	0.008123	4.7	35.2726	-
Tl 190.794	3.51124	ug/L	0.663726	18.9	4.49720	-
V 292.401	-0.059131uv	ug/L	0.059586	100.8	12.0694	-
Zn 202.548	-0.872814uv	ug/L	0.030291	3.5	44.4686	-
Zr 339.198	-0.025414uv	ug/L	0.010847	42.7	3.54553	-

CCV (CCV) **9/28/2009, 10:35:28 AM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	995.382	ug/L	1.03757	0.1	8344.43	99.53816
Al 237.312	4982.18	ug/L	5.17590	0.1	21752.4	99.64352
As 188.980	997.413	ug/L	2.63762	0.3	1037.44	99.74127
B 249.678	998.266	ug/L	16.9925	1.7	28276.7	99.82658
Ba 493.408	995.272	ug/L	0.663301	0.1	2438914	99.52720
Be 313.042	993.645	ug/L	0.071729	0.0	3272823	99.36446
Ca 373.690	19822.0	ug/L	4.28407	0.0	94266.8	99.10989
Cd 214.439	990.652	ug/L	2.63180	0.3	37913.2	99.06519
Co 228.615	992.525	ug/L	1.66993	0.2	8567.34	99.25248
Cr 267.716	992.205	ug/L	0.680737	0.1	46422.7	99.22048
Cu 327.395	991.257	ug/L	2.31838	0.2	67474.8	99.12573
Fe 273.955	4958.40	ug/L	6.65744	0.1	77946.2	99.16792
K 404.721	19889.9	ug/L	79.3714	0.4	274.215	99.44973
Li 610.365	4955.52	ug/L	0.314193	0.0	362094	99.11035
Mg 279.078	19853.9	ug/L	39.6159	0.2	85262.6	99.26959
Mn 257.610	993.037	ug/L	1.13869	0.1	293753	99.30374
Mo 202.032	995.517	ug/L	6.27890	0.6	8978.03	99.55168
Na 330.237	19875.0	ug/L	18.1003	0.1	2694.34	99.37495
Ni 216.555	990.790	ug/L	9.66303	1.0	8582.98	99.07902
Pb 220.353	993.079	ug/L	1.09454	0.1	4890.01	99.30788
Sb 217.582	1001.35	ug/L	2.29892	0.2	1974.79	100.13480
Se 196.026	1003.25	ug/L	9.00745	0.9	552.753	100.32480
Si 251.611	983.691	ug/L	13.8422	1.4	5240.42	98.36906

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Si 288.158	986.732	ug/L	12.4151	1.3	12241.1	98.67316
Sn 283.998	994.740	ug/L	1.15919	0.1	4461.18	99.47400
Sr 421.552	995.993	ug/L	0.434432	0.0	2377063	99.59933
Ti 336.122	993.899	ug/L	1.68965	0.2	235780	99.38991
Tl 190.794	996.555	ug/L	5.31927	0.5	801.792	99.65546
V 292.401	993.196	ug/L	0.532618	0.1	37161.5	99.31962
Zn 202.548	988.940	ug/L	3.92249	0.4	23469.9	98.89403
Zr 339.198	991.676	ug/L	2.14273	0.2	55116.8	99.16758

CCB (CCB) **9/28/2009, 10:38:21 AM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.266154uv	ug/L	0.200409	75.3	3.28387	-0.26615
Al 237.312	0.402268	ug/L	0.308086	76.6	5.62946	0.40227
As 188.980	2.41306	ug/L	0.124326	5.2	3.90150	2.41306
B 249.678	25.3230	ug/L	4.37969	17.3	738.297	25.32298
Ba 493.408	-0.005551uv	ug/L	0.010506	189.3	124.295	-0.00555
Be 313.042	0.012057	ug/L	0.001113	9.2	62.3591	0.01206
Ca 373.690	0.663817	ug/L	0.672108	101.2	21.8760	0.66382
Cd 214.439	-0.019835uv	ug/L	0.033275	167.8	3.69137	-0.01984
Co 228.615	0.015608uv	ug/L	0.424890	2722.3	8.99725	0.01561
Cr 267.716	-0.003818uv	ug/L	0.040551	1062.1	17.7449	-0.00382
Cu 327.395	0.009749uv	ug/L	0.023923	245.4	64.3875	0.00975
Fe 273.955	1.39739	ug/L	0.352464	25.2	60.1014	1.39739
K 404.721	19.9644uv	ug/L	578.877	2899.6	10.3872	19.96436
Li 610.365	-0.043142uv	ug/L	0.127770	296.2	-3.95508	-0.04314
Mg 279.078	0.639974	ug/L	0.087092	13.6	9.78418	0.63997
Mn 257.610	-0.037633uv	ug/L	0.000338	0.9	39.2721	-0.03763
Mo 202.032	10.4243	ug/L	1.78305	17.1	102.014	10.42433
Na 330.237	-7.56289uv	ug/L	18.5393	245.1	10.8192	-7.56289
Ni 216.555	-0.001794uv	ug/L	0.119672	6670.8	3.95210	-0.00179
Pb 220.353	0.320807	ug/L	0.387758	120.9	6.39981	0.32081
Sb 217.582	-0.466274uv	ug/L	0.043994	9.4	3.79451	-0.46627
Se 196.026	1.71818	ug/L	0.571636	33.3	3.18144	1.71818
Si 251.611	-3.58492uv	ug/L	0.968037	27.0	56.3169	-3.58492
Si 288.158	-2.63334uv	ug/L	1.09619	41.6	462.526	-2.63334
Sn 283.998	0.603598	ug/L	0.024465	4.1	10.1878	0.60360
Sr 421.552	0.012344	ug/L	0.000677	5.5	54.1096	0.01234
Ti 336.122	0.165455	ug/L	0.158822	96.0	115.746	0.16546
Tl 190.794	2.83273	ug/L	0.436567	15.4	3.95243	2.83273
V 292.401	-0.063201uv	ug/L	0.029930	47.4	11.9172	-0.06320
Zn 202.548	-0.703541uv	ug/L	0.012741	1.8	48.4747	-0.70354
Zr 339.198	0.633596	ug/L	0.224927	35.5	40.1697	0.63360

ICB RR (Samp) **9/28/2009, 10:41:15 AM** **Rack 1, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.302742uv	ug/L	0.146894	48.5	2.97736
Al 237.312	0.983853	ug/L	0.227422	23.1	8.20966
As 188.980	0.579516	ug/L	0.052342	9.0	1.99694
B 249.678	10.1166	ug/L	0.797511	7.9	307.892

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ba 493.408	-0.014794uv	ug/L	0.001410	9.5	101.646
Be 313.042	0.006222	ug/L	0.004647	74.7	43.1379
Ca 373.690	0.161221	ug/L	0.008734	5.4	19.4472
Cd 214.439	-0.080850uv	ug/L	0.037689	46.6	1.35657
Co 228.615	-0.018387uv	ug/L	0.028361	154.2	8.70412
Cr 267.716	0.055815	ug/L	0.052667	94.4	20.5339
Cu 327.395	-0.025191uv	ug/L	0.035699	141.7	62.0113
Fe 273.955	0.548682	ug/L	0.378927	69.1	46.4024
K 404.721	133.549uv	ug/L	366.017	274.1	11.7720
Li 610.365	-0.151719uv	ug/L	0.062713	41.3	-11.8887
Mg 279.078	3.03039	ug/L	0.881073	29.1	20.2084
Mn 257.610	-0.073310uv	ug/L	0.008289	11.3	28.7200
Mo 202.032	2.35987	ug/L	0.770300	32.6	29.3507
Na 330.237	-39.0702uv	ug/L	8.72258	22.3	6.72790
Ni 216.555	0.267631	ug/L	0.246240	92.0	6.28499
Pb 220.353	0.273442	ug/L	0.374361	136.9	6.16681
Sb 217.582	-0.344339uv	ug/L	1.00314	291.3	4.03441
Se 196.026	-1.16323uv	ug/L	3.46912	298.2	1.60031
Si 251.611	-3.31432uv	ug/L	1.54463	46.6	57.7378
Si 288.158	-1.82706uv	ug/L	1.36893	74.9	472.125
Sn 283.998	1.16304	ug/L	0.448102	38.5	12.6926
Sr 421.552	0.000521uv	ug/L	0.004348	834.8	25.8936
Ti 336.122	-0.064152uv	ug/L	0.089058	138.8	61.2948
Tl 190.794	1.61581	ug/L	1.16361	72.0	2.97539
V 292.401	-0.060482uv	ug/L	0.026025	43.0	12.0189
Zn 202.548	-0.835486uv	ug/L	0.041136	4.9	45.3521
Zr 339.198	0.261064	ug/L	0.058600	22.4	19.4664

ICVNa K Mg Ca 75ppm (Samp) 9/28/2009, 10:44:10 AM Rack 1, Tube 2
Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.200986uv	ug/L	0.337247	167.8	7.19739
Al 237.312	4.44676	ug/L	1.18938	26.7	23.5726
As 188.980	1.24373	ug/L	0.247249	19.9	2.68688
B 249.678	6.03408	ug/L	0.346557	5.7	192.339
Ba 493.408	0.239318	ug/L	0.001285	0.5	724.313
Be 313.042	0.045078	ug/L	0.001623	3.6	171.122
Ca 373.690	76375.3	ug/L	120.484	0.2	346199
Cd 214.439	-0.044098uv	ug/L	0.002209	5.0	2.76291
Co 228.615	0.766003	ug/L	0.115677	15.1	15.4679
Cr 267.716	0.269174	ug/L	0.023208	8.6	30.5125
Cu 327.395	0.448663	ug/L	0.078669	17.5	94.2361
Fe 273.955	3.13662	ug/L	0.432324	13.8	88.1742
K 404.721	76665.1	ug/L	132.384	0.2	1263.94
Li 610.365	0.727200	ug/L	0.029051	4.0	52.3330
Mg 279.078	77283.7	ug/L	120.567	0.2	316960
Mn 257.610	3.73473	ug/L	0.013211	0.4	1154.99
Mo 202.032	1.02234	ug/L	0.333095	32.6	17.2992
Na 330.237	77117.7	ug/L	84.1789	0.1	11557.2
Ni 216.555	0.472071	ug/L	0.018933	4.0	8.05519
Pb 220.353	0.613853uv	ug/L	1.06755	173.9	7.84137
Sb 217.582	1.42980	ug/L	0.231551	16.2	7.52489
Se 196.026	-1.86496uv	ug/L	1.01717	54.5	1.21525

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Si 251.611	-0.005890uv	ug/L	1.17882	20012.9	75.1101
Si 288.158	-0.564759uv	ug/L	0.760894	134.7	487.153
Sn 283.998	1.36721	ug/L	0.295277	21.6	13.6067
Sr 421.552	0.496222	ug/L	0.003942	0.8	1208.94
Ti 336.122	1.34501	ug/L	0.025536	1.9	395.478
Tl 190.794	0.817194	ug/L	0.110465	13.5	2.33420
V 292.401	1.61477	ug/L	0.062323	3.9	74.6761
Zn 202.548	-0.478119uv	ug/L	0.172159	36.0	53.8097
Zr 339.198	0.482524	ug/L	0.018483	3.8	31.7739

ICV Sb 1ppm (Samp) **9/28/2009, 10:47:03 AM** **Rack 1, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.402692	ug/L	0.226940	56.4	8.88721
Al 237.312	0.829907	ug/L	0.825502	99.5	7.52667
As 188.980	0.657894	ug/L	0.869606	132.2	2.07835
B 249.678	3.55230	ug/L	0.534257	15.0	122.094
Ba 493.408	-0.004531uv	ug/L	0.002571	56.8	126.795
Be 313.042	0.005276	ug/L	0.000275	5.2	40.0225
Ca 373.690	3.24350	ug/L	1.21405	37.4	34.3425
Cd 214.439	-0.039687uv	ug/L	0.015654	39.4	2.93171
Co 228.615	0.111525	ug/L	0.150537	135.0	9.82434
Cr 267.716	-0.004790uv	ug/L	0.014058	293.5	17.6994
Cu 327.395	-0.120421uv	ug/L	0.092808	77.1	55.5352
Fe 273.955	-0.994368uv	ug/L	0.137310	13.8	21.4957
K 404.721	387.976	ug/L	313.483	80.8	14.8823
Li 610.365	0.043129	ug/L	0.009885	22.9	2.34863
Mg 279.078	4.55458	ug/L	0.889864	19.5	26.8552
Mn 257.610	-0.063492uv	ug/L	0.003435	5.4	31.6239
Mo 202.032	0.538901	ug/L	0.569466	105.7	12.9432
Na 330.237	-38.2317uv	ug/L	12.8306	33.6	6.83679
Ni 216.555	-0.072932uv	ug/L	0.080186	109.9	3.33614
Pb 220.353	0.561363	ug/L	0.180653	32.2	7.58316
Sb 217.582	1010.24	ug/L	0.532833	0.1	1992.28
Se 196.026	-0.991750uv	ug/L	0.465664	47.0	1.69441
Si 251.611	-2.22289uv	ug/L	1.77761	80.0	63.4688
Si 288.158	-1.00895uv	ug/L	2.44381	242.2	481.865
Sn 283.998	1.02461	ug/L	0.307809	30.0	12.0728
Sr 421.552	0.001300uv	ug/L	0.002381	183.1	27.7537
Ti 336.122	-0.148548uv	ug/L	0.029438	19.8	41.2803
Tl 190.794	0.975520	ug/L	0.383975	39.4	2.46131
V 292.401	-0.076351uv	ug/L	0.072436	94.9	11.4254
Zn 202.548	-0.821817uv	ug/L	0.018013	2.2	45.6755
Zr 339.198	13.1652	ug/L	1.57827	12.0	736.608

CRI RL Ag B Mo (Samp) **9/28/2009, 10:57:15 AM** **Rack 1, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.15718	ug/L	0.719354	17.3	40.3408
Al 237.312	104.568	ug/L	0.077356	0.1	467.606
As 188.980	9.32145	ug/L	0.650921	7.0	11.0774

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
B 249.678	11.0192	ug/L	0.160623	1.5	333.440
Ba 493.408	11.1615	ug/L	0.022790	0.2	27487.6
Be 313.042	1.00304	ug/L	0.004155	0.4	3326.41
Ca 373.690	414.477	ug/L	0.436698	0.1	2020.99
Cd 214.439	1.00104	ug/L	0.045829	4.6	42.7565
Co 228.615	10.7840	ug/L	0.061032	0.6	101.853
Cr 267.716	5.17691	ug/L	0.011092	0.2	260.044
Cu 327.395	10.6343	ug/L	0.175465	1.6	786.915
Fe 273.955	102.552	ug/L	0.549671	0.5	1691.95
K 404.721	3862.53	ug/L	418.384	10.8	58.0702
Li 610.365	80.8456	ug/L	0.179636	0.2	5906.50
Mg 279.078	423.422	ug/L	1.93129	0.5	1852.88
Mn 257.610	10.6467	ug/L	0.024904	0.2	3199.28
Mo 202.032	9.93002	ug/L	0.156715	1.6	97.5603
Na 330.237	1919.82	ug/L	89.3110	4.7	262.045
Ni 216.555	10.5235	ug/L	0.203596	1.9	95.0880
Pb 220.353	5.42962	ug/L	0.133408	2.5	31.5313
Sb 217.582	9.11011	ug/L	1.60496	17.6	22.6353
Se 196.026	12.2338	ug/L	0.554942	4.5	8.95170
Si 251.611	92.2274	ug/L	2.24482	2.4	559.420
Si 288.158	95.2613	ug/L	2.13202	2.2	1627.98
Sn 283.998	30.7808	ug/L	0.581051	1.9	145.298
Sr 421.552	22.1107	ug/L	0.055537	0.3	52793.9
Ti 336.122	10.2294	ug/L	0.027921	0.3	2502.42
Tl 190.794	10.2969	ug/L	0.296201	2.9	9.94524
V 292.401	10.0737	ug/L	0.075201	0.7	391.056
Zn 202.548	51.0209	ug/L	0.022917	0.0	1272.61
Zr 339.198	10.5092	ug/L	0.227693	2.2	589.004

LCS 360-49480/2-A (Samp) **9/28/2009, 11:00:08 AM** **Rack 1, Tube 5**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	871.454	ug/L	1.91446	0.2	7306.21
Al 237.312	4354.80	ug/L	10.7823	0.2	19052.8
As 188.980	870.096	ug/L	1.21128	0.1	905.188
B 249.678	862.719	ug/L	11.2047	1.3	24440.2
Ba 493.408	901.107	ug/L	2.01878	0.2	2208177
Be 313.042	883.563	ug/L	2.56223	0.3	2910244
Ca 373.690	17879.3	ug/L	75.4491	0.4	85166.4
Cd 214.439	872.354	ug/L	5.07983	0.6	33386.3
Co 228.615	882.965	ug/L	4.54078	0.5	7622.62
Cr 267.716	892.906	ug/L	4.49529	0.5	41778.6
Cu 327.395	887.365	ug/L	5.53187	0.6	60409.5
Fe 273.955	4409.30	ug/L	17.4263	0.4	69527.9
K 404.721	16469.7	ug/L	470.267	2.9	225.757
Li 610.365	4117.14	ug/L	13.0815	0.3	300834
Mg 279.078	17414.9	ug/L	73.3982	0.4	74931.8
Mn 257.610	891.848	ug/L	4.34354	0.5	263825
Mo 202.032	917.119	ug/L	7.18773	0.8	8271.64
Na 330.237	16904.6	ug/L	27.0151	0.2	2280.50
Ni 216.555	875.055	ug/L	6.82985	0.8	7580.86
Pb 220.353	869.201	ug/L	5.80946	0.7	4280.62
Sb 217.582	878.264	ug/L	2.78337	0.3	1732.63

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Se 196.026	869.950	ug/L	4.79101	0.6	479.608
Si 251.611	959.571	ug/L	17.9668	1.9	5113.78
Si 288.158	957.174	ug/L	18.7124	2.0	11889.2
Sn 283.998	888.316	ug/L	4.54574	0.5	3984.69
Sr 421.552	901.675	ug/L	1.99185	0.2	2151964
Ti 336.122	904.589	ug/L	0.082778	0.0	214600
Tl 190.794	855.923	ug/L	10.6636	1.2	688.882
V 292.401	896.992	ug/L	3.04029	0.3	33563.3
Zn 202.548	856.725	ug/L	5.57541	0.7	20340.8
Zr 339.198	925.523	ug/L	1.70273	0.2	51440.4

LCSD 360-49480/3-A (Samp) **9/28/2009, 11:03:02 AM** **Rack 1, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	871.687	ug/L	3.61486	0.4	7308.17
Al 237.312	4356.37	ug/L	24.1915	0.6	19059.6
As 188.980	872.549	ug/L	3.67507	0.4	907.735
B 249.678	879.206	ug/L	7.94321	0.9	24906.8
Ba 493.408	902.697	ug/L	4.73326	0.5	2212071
Be 313.042	884.064	ug/L	3.75245	0.4	2911892
Ca 373.690	17962.5	ug/L	73.1068	0.4	85556.7
Cd 214.439	873.495	ug/L	3.66708	0.4	33430.0
Co 228.615	884.325	ug/L	3.08311	0.3	7634.34
Cr 267.716	894.810	ug/L	4.13902	0.5	41867.6
Cu 327.395	894.218	ug/L	3.09264	0.3	60875.6
Fe 273.955	4417.50	ug/L	16.2162	0.4	69654.1
K 404.721	16201.5	ug/L	251.693	1.6	222.007
Li 610.365	4118.72	ug/L	15.7431	0.4	300950
Mg 279.078	17433.5	ug/L	69.0990	0.4	75010.6
Mn 257.610	893.970	ug/L	3.59427	0.4	264452
Mo 202.032	921.001	ug/L	5.46691	0.6	8306.62
Na 330.237	16967.2	ug/L	39.5676	0.2	2289.17
Ni 216.555	880.429	ug/L	4.24933	0.5	7627.40
Pb 220.353	869.521	ug/L	2.71022	0.3	4282.20
Sb 217.582	876.651	ug/L	2.04519	0.2	1729.46
Se 196.026	877.055	ug/L	3.58780	0.4	483.507
Si 251.611	1008.21	ug/L	20.7695	2.1	5369.19
Si 288.158	1007.26	ug/L	18.0414	1.8	12485.6
Sn 283.998	888.269	ug/L	4.28886	0.5	3984.48
Sr 421.552	903.747	ug/L	4.27432	0.5	2156907
Ti 336.122	903.518	ug/L	4.73862	0.5	214346
Tl 190.794	856.994	ug/L	11.2966	1.3	689.742
V 292.401	899.679	ug/L	4.27604	0.5	33663.8
Zn 202.548	858.568	ug/L	3.96298	0.5	20384.4
Zr 339.198	925.154	ug/L	1.57040	0.2	51419.9

MB 360-49527/1-A (Samp) **9/28/2009, 12:31:05 PM** **Rack 1, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.105465uv	ug/L	0.254790	241.6	4.63007
Al 237.312	4.06934	ug/L	0.156878	3.9	21.8983

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
As 188.980	0.604595	ug/L	0.078835	13.0	2.02299
B 249.678	0.741353	ug/L	0.083032	11.2	42.5323
Ba 493.408	0.795587	ug/L	0.005981	0.8	2087.37
Be 313.042	0.008188	ug/L	0.001780	21.7	49.6158
Ca 373.690	146.761	ug/L	1.12790	0.8	727.817
Cd 214.439	-0.004264uv	ug/L	0.003811	89.4	4.28721
Co 228.615	-0.016340uv	ug/L	0.035996	220.3	8.72177
Cr 267.716	1.79945	ug/L	0.063639	3.5	102.082
Cu 327.395	0.283169	ug/L	0.130244	46.0	82.9816
Fe 273.955	26.3284	ug/L	1.04527	4.0	462.460
K 404.721	113.652	ug/L	160.729	141.4	11.5265
Li 610.365	-0.046978uv	ug/L	0.000397	0.8	-4.23535
Mg 279.078	40.1493	ug/L	0.106515	0.3	182.073
Mn 257.610	0.488789	ug/L	0.001471	0.3	194.967
Mo 202.032	-0.180121uv	ug/L	0.118412	65.7	6.46453
Na 330.237	121.679	ug/L	28.6440	23.5	27.6055
Ni 216.555	-0.139210uv	ug/L	0.121930	87.6	2.76225
Pb 220.353	0.424279uv	ug/L	0.649161	153.0	6.90881
Sb 217.582	-0.358849uv	ug/L	0.291119	81.1	4.00586
Se 196.026	-0.988058uv	ug/L	1.25132	126.6	1.69643
Si 251.611	26.3673	ug/L	3.02235	11.5	213.594
Si 288.158	27.5002	ug/L	2.76476	10.1	821.272
Sn 283.998	9.99802	ug/L	0.342935	3.4	52.2489
Sr 421.552	0.359838	ug/L	0.000447	0.1	883.440
Ti 336.122	0.059141	ug/L	0.052966	89.6	90.5339
Tl 190.794	-0.333064uv	ug/L	1.43469	430.8	1.41068
V 292.401	-0.157865uv	ug/L	0.025432	16.1	8.37659
Zn 202.548	1.70001	ug/L	0.003235	0.2	105.358
Zr 339.198	1.02059	ug/L	0.104499	10.2	61.6769

LCS 360-49527/2-A (Samp) **9/28/2009, 12:33:59 PM** **Rack 1, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	901.662	ug/L	0.215188	0.0	7559.28
Al 237.312	4519.42	ug/L	7.07728	0.2	19762.3
As 188.980	900.238	ug/L	0.584753	0.1	936.497
B 249.678	896.801	ug/L	9.24500	1.0	25404.8
Ba 493.408	932.467	ug/L	0.957555	0.1	2285018
Be 313.042	908.191	ug/L	2.59459	0.3	2991363
Ca 373.690	18500.3	ug/L	49.2765	0.3	88078.8
Cd 214.439	903.623	ug/L	2.65299	0.3	34582.9
Co 228.615	912.836	ug/L	1.57649	0.2	7880.19
Cr 267.716	919.195	ug/L	2.68437	0.3	43008.1
Cu 327.395	912.930	ug/L	14.6626	1.6	62148.1
Fe 273.955	4572.35	ug/L	12.9154	0.3	72033.0
K 404.721	16843.2	ug/L	368.810	2.2	230.985
Li 610.365	4306.99	ug/L	9.65366	0.2	314707
Mg 279.078	18077.0	ug/L	37.1839	0.2	77740.3
Mn 257.610	921.079	ug/L	2.48290	0.3	272470
Mo 202.032	947.705	ug/L	2.06737	0.2	8547.23
Na 330.237	17755.3	ug/L	42.2704	0.2	2398.56
Ni 216.555	903.029	ug/L	1.47968	0.2	7823.08
Pb 220.353	899.010	ug/L	2.53771	0.3	4427.26

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 217.582	865.870	ug/L	5.39234	0.6	1708.24
Se 196.026	893.106	ug/L	0.323990	0.0	492.315
Si 251.611	973.668	ug/L	11.5367	1.2	5187.80
Si 288.158	967.528	ug/L	11.1982	1.2	12012.5
Sn 283.998	919.869	ug/L	1.57217	0.2	4125.96
Sr 421.552	931.440	ug/L	1.38120	0.1	2222999
Ti 336.122	936.825	ug/L	3.74205	0.4	222245
Tl 190.794	888.722	ug/L	5.10274	0.6	715.216
V 292.401	925.460	ug/L	2.35856	0.3	34628.0
Zn 202.548	887.443	ug/L	2.31195	0.3	21067.8
Zr 339.198	936.640	ug/L	4.64781	0.5	52058.2

LCSD 360-49527/3-A (Samp) **9/28/2009, 12:36:52 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	901.984	ug/L	2.72968	0.3	7561.98
Al 237.312	4504.98	ug/L	14.5540	0.3	19700.1
As 188.980	900.996	ug/L	1.35966	0.2	937.284
B 249.678	916.080	ug/L	15.6054	1.7	25950.5
Ba 493.408	932.711	ug/L	2.36076	0.3	2285618
Be 313.042	909.082	ug/L	3.30917	0.4	2994296
Ca 373.690	18478.1	ug/L	58.3156	0.3	87974.5
Cd 214.439	900.595	ug/L	1.95046	0.2	34467.0
Co 228.615	910.488	ug/L	1.67515	0.2	7859.94
Cr 267.716	919.365	ug/L	2.83956	0.3	43016.0
Cu 327.395	914.203	ug/L	1.04098	0.1	62234.6
Fe 273.955	4563.47	ug/L	12.1044	0.3	71896.8
K 404.721	17287.7	ug/L	59.0420	0.3	237.227
Li 610.365	4268.52	ug/L	12.2359	0.3	311896
Mg 279.078	17997.1	ug/L	42.2869	0.2	77401.3
Mn 257.610	919.468	ug/L	2.27268	0.2	271994
Mo 202.032	959.458	ug/L	4.89425	0.5	8653.13
Na 330.237	17604.4	ug/L	65.8700	0.4	2377.58
Ni 216.555	900.735	ug/L	2.56404	0.3	7803.22
Pb 220.353	897.668	ug/L	3.48271	0.4	4420.66
Sb 217.582	882.511	ug/L	5.36364	0.6	1740.99
Se 196.026	896.582	ug/L	1.29812	0.1	494.221
Si 251.611	1047.07	ug/L	16.4305	1.6	5573.25
Si 288.158	1040.90	ug/L	16.1671	1.6	12886.0
Sn 283.998	920.400	ug/L	3.03697	0.3	4128.34
Sr 421.552	931.634	ug/L	1.91990	0.2	2223464
Ti 336.122	938.450	ug/L	1.32630	0.1	222631
Tl 190.794	885.131	ug/L	6.07273	0.7	712.332
V 292.401	926.339	ug/L	2.45878	0.3	34660.9
Zn 202.548	884.510	ug/L	1.58201	0.2	20998.4
Zr 339.198	973.399	ug/L	2.50120	0.3	54101.1

360-24808-A-1-A (Samp) **9/28/2009, 12:39:46 PM** **Rack 1, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.163305uv	ug/L	0.061037	37.4	4.14551
Al 237.312	126421	ug/L	406.531	0.3	479423
As 188.980	90.5505	ug/L	1.47570	1.6	95.4522
B 249.678	68.0732	ug/L	3.46977	5.1	1948.31
Ba 493.408	832.592	ug/L	0.915691	0.1	2040288
Be 313.042	6.28793	ug/L	0.003835	0.1	20733.4
Ca 373.690	24348.9	ug/L	23.9215	0.1	115358
Cd 214.439	7.79204	ug/L	0.214092	2.7	302.624
Co 228.615	94.5280	ug/L	0.066539	0.1	823.972
Cr 267.716	319.540	ug/L	0.344943	0.1	14962.6
Cu 327.395	582.725	ug/L	5.00866	0.9	39692.3
Fe 273.955	323857	ug/L	179.693	0.1	3881222
K 404.721	19270.3	ug/L	182.809	0.9	265.342
Li 610.365	396.514	ug/L	1.25250	0.3	28972.1
Mg 279.078	59025.8	ug/L	34.0157	0.1	245703
Mn 257.610	1745.07	ug/L	1.46747	0.1	516175
Mo 202.032	16.1855	ug/L	0.864323	5.3	153.924
Na 330.237	226.370	ug/L	49.9959	22.1	41.2095
Ni 216.555	248.700	ug/L	0.399603	0.2	2157.40
Pb 220.353	706.875	ug/L	0.538660	0.1	3482.11
Sb 217.582	2.86334	ug/L	0.983764	34.4	10.3453
Se 196.026	0.421372uv	ug/L	2.04851	486.2	2.46983
Si 251.611	3261.61	ug/L	62.6974	1.9	17201.6
Si 288.158	3299.84	ug/L	85.1931	2.6	39779.2
Sn 283.998	108.097	ug/L	0.791751	0.7	491.461
Sr 421.552	126.691	ug/L	0.191499	0.2	302384
Ti 336.122	5345.00	ug/L	2.71414	0.1	1267646
Tl 190.794	2.01913	ug/L	1.92675	95.4	3.29921
V 292.401	656.534	ug/L	0.149975	0.0	24569.8
Zn 202.548	780.442	ug/L	3.91874	0.5	18535.4
Zr 339.198	86.9833	ug/L	1.25535	1.4	4839.01

CCV (CCV) **9/28/2009, 12:42:39 PM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	988.953	ug/L	0.629897	0.1	8290.57	98.89528
Al 237.312	4964.26	ug/L	0.691225	0.0	21675.5	99.28523
As 188.980	983.021	ug/L	1.51896	0.2	1022.48	98.30206
B 249.678	1002.03	ug/L	14.8226	1.5	28383.4	100.20340
Ba 493.408	996.791	ug/L	0.795150	0.1	2442635	99.67905
Be 313.042	986.368	ug/L	1.77989	0.2	3248857	98.63684
Ca 373.690	19757.1	ug/L	16.2717	0.1	93963.4	98.78555
Cd 214.439	986.035	ug/L	0.409875	0.0	37736.5	98.60349
Co 228.615	987.805	ug/L	0.326234	0.0	8526.64	98.78047
Cr 267.716	986.308	ug/L	0.321918	0.0	46146.9	98.63080
Cu 327.395	980.326	ug/L	1.65120	0.2	66731.4	98.03259
Fe 273.955	4946.21	ug/L	1.83337	0.0	77760.0	98.92422
K 404.721	19694.1	ug/L	99.2891	0.5	271.405	98.47035
Li 610.365	4947.88	ug/L	5.55673	0.1	361535	98.95753
Mg 279.078	19738.3	ug/L	3.47615	0.0	84773.9	98.69172
Mn 257.610	987.952	ug/L	0.157830	0.0	292249	98.79521
Mo 202.032	990.413	ug/L	2.74241	0.3	8932.04	99.04128
Na 330.237	19811.2	ug/L	13.5800	0.1	2685.40	99.05592

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ni 216.555	981.952	ug/L	2.31035	0.2	8506.46	98.19520
Pb 220.353	986.934	ug/L	1.39104	0.1	4859.78	98.69341
Sb 217.582	999.412	ug/L	3.74131	0.4	1970.98	99.94118
Se 196.026	989.491	ug/L	1.51490	0.2	545.204	98.94912
Si 251.611	989.461	ug/L	13.1579	1.3	5270.72	98.94608
Si 288.158	985.543	ug/L	13.2801	1.3	12227.0	98.55434
Sn 283.998	985.947	ug/L	2.59170	0.3	4421.81	98.59467
Sr 421.552	994.711	ug/L	0.350273	0.0	2374002	99.47109
Ti 336.122	991.215	ug/L	2.43413	0.2	235144	99.12148
Tl 190.794	990.743	ug/L	1.33398	0.1	797.126	99.07432
V 292.401	991.379	ug/L	0.110701	0.0	37093.5	99.13794
Zn 202.548	980.778	ug/L	0.606548	0.1	23276.7	98.07784
Zr 339.198	987.956	ug/L	2.99100	0.3	54910.1	98.79565

CCB (CCB) **9/28/2009, 12:45:32 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.058991uv	ug/L	0.807179	1368.3	5.01941	-0.05899
Al 237.312	2.01939	ug/L	0.123722	6.1	12.8038	2.01939
As 188.980	-0.042491uv	ug/L	0.469289	1104.5	1.35084	-0.04249
B 249.678	29.9220	ug/L	4.34210	14.5	868.469	29.92200
Ba 493.408	0.017706	ug/L	0.001882	10.6	181.283	0.01771
Be 313.042	0.023783	ug/L	0.001377	5.8	100.981	0.02378
Ca 373.690	0.247206uv	ug/L	0.859903	347.8	19.8627	0.24721
Cd 214.439	0.007571uv	ug/L	0.022864	302.0	4.74011	0.00757
Co 228.615	-0.095070uv	ug/L	0.042726	44.9	8.04289	-0.09507
Cr 267.716	-0.027086uv	ug/L	0.050449	186.3	16.6566	-0.02709
Cu 327.395	0.015021uv	ug/L	0.076889	511.9	64.7460	0.01502
Fe 273.955	2.51111	ug/L	0.396101	15.8	78.0779	2.51111
K 404.721	257.989	ug/L	5.80304	2.2	13.2894	257.98889
Li 610.365	-0.161021uv	ug/L	0.113367	70.4	-12.5684	-0.16102
Mg 279.078	0.973138	ug/L	1.28611	132.2	11.2371	0.97314
Mn 257.610	-0.018134uv	ug/L	0.011031	60.8	45.0391	-0.01813
Mo 202.032	10.7007	ug/L	1.78952	16.7	104.504	10.70067
Na 330.237	-19.2348uv	ug/L	40.2758	209.4	9.30359	-19.23485
Ni 216.555	0.021170uv	ug/L	0.087072	411.3	4.15094	0.02117
Pb 220.353	0.251536uv	ug/L	0.844202	335.6	6.05905	0.25154
Sb 217.582	2.21790	ug/L	0.649649	29.3	9.07541	2.21790
Se 196.026	3.46447	ug/L	1.02634	29.6	4.13968	3.46447
Si 251.611	-3.35970uv	ug/L	1.01304	30.2	57.4995	-3.35970
Si 288.158	-2.47059uv	ug/L	1.01988	41.3	464.463	-2.47059
Sn 283.998	0.359634uv	ug/L	0.609660	169.5	9.09552	0.35963
Sr 421.552	0.023349	ug/L	0.004313	18.5	80.3752	0.02335
Ti 336.122	0.310916	ug/L	0.156293	50.3	150.242	0.31092
Tl 190.794	2.11219	ug/L	1.96900	93.2	3.37393	2.11219
V 292.401	0.015211uv	ug/L	0.067442	443.4	14.8499	0.01521
Zn 202.548	-0.774837uv	ug/L	0.043947	5.7	46.7874	-0.77484
Zr 339.198	0.660833	ug/L	0.213688	32.3	41.6833	0.66083

360-24808-A-1-B DU (Samp) **9/28/2009, 12:48:27 PM** **Rack 1, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.274482	ug/L	0.333435	121.5	7.81311
Al 237.312	123381	ug/L	196.531	0.2	468110
As 188.980	85.5278	ug/L	1.87507	2.2	90.2351
B 249.678	55.2188	ug/L	0.379662	0.7	1584.47
Ba 493.408	824.473	ug/L	1.61058	0.2	2020396
Be 313.042	6.13068	ug/L	0.017534	0.3	20215.5
Ca 373.690	25496.0	ug/L	8.79878	0.0	120677
Cd 214.439	7.75347	ug/L	0.055690	0.7	301.148
Co 228.615	95.2291	ug/L	0.684956	0.7	830.017
Cr 267.716	300.371	ug/L	0.874777	0.3	14066.1
Cu 327.395	582.723	ug/L	0.370774	0.1	39692.2
Fe 273.955	337122	ug/L	767.012	0.2	4037978
K 404.721	16987.9	ug/L	75.5928	0.4	233.012
Li 610.365	332.447	ug/L	0.747525	0.2	24290.7
Mg 279.078	53032.7	ug/L	167.803	0.3	221824
Mn 257.610	1678.07	ug/L	0.951469	0.1	496358
Mo 202.032	12.9769	ug/L	1.00504	7.7	125.013
Na 330.237	268.192	ug/L	4.86729	1.8	46.6451
Ni 216.555	252.337	ug/L	2.68599	1.1	2188.90
Pb 220.353	557.810	ug/L	0.835201	0.1	2748.82
Sb 217.582	-0.088919uv	ug/L	1.50892	1697.0	4.53693
Se 196.026	-2.36648uv	ug/L	2.08933	88.3	0.940048
Si 251.611	3051.98	ug/L	39.6688	1.3	16100.8
Si 288.158	3104.46	ug/L	38.1632	1.2	37453.1
Sn 283.998	96.4772	ug/L	0.621092	0.6	439.437
Sr 421.552	123.491	ug/L	0.211832	0.2	294749
Ti 336.122	5504.73	ug/L	11.7463	0.2	1305527
Tl 190.794	-1.69455uv	ug/L	0.109175	6.4	0.317566
V 292.401	681.790	ug/L	1.27883	0.2	25514.4
Zn 202.548	777.583	ug/L	6.30613	0.8	18467.8
Zr 339.198	87.4758	ug/L	1.56298	1.8	4866.38

360-24808-A-1-C MS (Samp) **9/28/2009, 12:51:19 PM** **Rack 1, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	856.459	ug/L	5.17749	0.6	7180.59
Al 237.312	128539	ug/L	543.776	0.4	487305
As 188.980	940.328	ug/L	6.40634	0.7	978.139
B 249.678	894.537	ug/L	11.6100	1.3	25340.8
Ba 493.408	1639.51	ug/L	1.14568	0.1	4017530
Be 313.042	864.548	ug/L	5.71348	0.7	2847613
Ca 373.690	44287.0	ug/L	188.963	0.4	206336
Cd 214.439	844.132	ug/L	3.73350	0.4	32306.4
Co 228.615	936.951	ug/L	5.14392	0.5	8088.14
Cr 267.716	1159.47	ug/L	5.29700	0.5	54245.4
Cu 327.395	1418.36	ug/L	11.8024	0.8	96520.0
Fe 273.955	317992	ug/L	1145.93	0.4	3811917
K 404.721	40506.0	ug/L	35.0487	0.1	593.195
Li 610.365	4772.00	ug/L	23.1432	0.5	348684
Mg 279.078	75354.2	ug/L	406.034	0.5	309535

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	2696.20	ug/L	13.4140	0.5	797481
Mo 202.032	894.423	ug/L	5.02100	0.6	8067.14
Na 330.237	17260.0	ug/L	28.1130	0.2	2329.77
Ni 216.555	1074.66	ug/L	4.01442	0.4	9309.18
Pb 220.353	1646.51	ug/L	6.83094	0.4	8104.36
Sb 217.582	489.190	ug/L	3.73706	0.8	967.157
Se 196.026	823.991	ug/L	3.77554	0.5	454.389
Si 251.611	4403.38	ug/L	34.6624	0.8	23197.0
Si 288.158	4444.30	ug/L	28.3119	0.6	53404.2
Sn 283.998	904.280	ug/L	7.33118	0.8	4056.17
Sr 421.552	994.176	ug/L	3.63139	0.4	2372725
Ti 336.122	6324.34	ug/L	32.9278	0.5	1499899
Tl 190.794	780.377	ug/L	4.12650	0.5	628.227
V 292.401	1751.66	ug/L	8.37341	0.5	65529.2
Zn 202.548	1586.51	ug/L	11.9826	0.8	37612.2
Zr 339.198	895.403	ug/L	6.45067	0.7	49766.5

360-24808-A-1-Asd@5 (Samp) **9/28/2009, 12:54:12 PM** **Rack 1, Tube 13**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.743574uv	ug/L	0.128389	17.3	-0.715759
Al 237.312	25371.1	ug/L	27.8630	0.1	103361
As 188.980	19.4963	ug/L	0.441088	2.3	21.6463
B 249.678	32.2709	ug/L	3.21839	10.0	934.951
Ba 493.408	178.577	ug/L	0.052966	0.0	437715
Be 313.042	1.29449	ug/L	0.002426	0.2	4286.34
Ca 373.690	5167.73	ug/L	5.32091	0.1	24887.3
Cd 214.439	1.60414	ug/L	0.025063	1.6	65.8350
Co 228.615	20.6562	ug/L	0.090084	0.4	186.980
Cr 267.716	68.5553	ug/L	0.144397	0.2	3224.21
Cu 327.395	120.590	ug/L	0.422213	0.4	8264.51
Fe 273.955	69879.9	ug/L	91.2720	0.1	879884
K 404.721	3567.89	ug/L	375.196	10.5	54.3563
Li 610.365	70.9621	ug/L	0.431524	0.6	5184.32
Mg 279.078	12465.4	ug/L	7.74848	0.1	53844.9
Mn 257.610	385.298	ug/L	0.327421	0.1	114007
Mo 202.032	7.31300	ug/L	0.970656	13.3	73.9801
Na 330.237	-11.9507uv	ug/L	50.3830	421.6	10.2495
Ni 216.555	54.3274	ug/L	0.291840	0.5	474.376
Pb 220.353	157.369	ug/L	0.259932	0.2	778.955
Sb 217.582	2.52597	ug/L	1.29417	51.2	9.68152
Se 196.026	-1.29031uv	ug/L	1.71475	132.9	1.53058
Si 251.611	683.675	ug/L	6.18878	0.9	3665.07
Si 288.158	689.973	ug/L	3.57727	0.5	8708.15
Sn 283.998	22.5416	ug/L	0.417467	1.9	108.410
Sr 421.552	26.9302	ug/L	0.015544	0.1	64296.2
Ti 336.122	1163.45	ug/L	3.33571	0.3	275990
Tl 190.794	2.81239	ug/L	0.889105	31.6	3.93610
V 292.401	138.734	ug/L	0.355388	0.3	5203.18
Zn 202.548	170.552	ug/L	1.69178	1.0	4101.48
Zr 339.198	22.1597	ug/L	1.02620	4.6	1236.47

360-24808-A-1-Apds (Samp) **9/28/2009, 12:57:06 PM** **Rack 1, Tube 14**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	883.733	ug/L	4.89256	0.6	7409.08
Al 237.312	126328	ug/L	537.727	0.4	479076
As 188.980	974.972	ug/L	1.42172	0.1	1014.13
B 249.678	961.723	ug/L	14.3444	1.5	27242.4
Ba 493.408	1679.77	ug/L	14.6611	0.9	4116182
Be 313.042	880.072	ug/L	5.00944	0.6	2898744
Ca 373.690	43538.7	ug/L	298.200	0.7	202978
Cd 214.439	867.376	ug/L	4.63184	0.5	33195.8
Co 228.615	955.686	ug/L	3.80290	0.4	8249.68
Cr 267.716	1192.25	ug/L	5.74956	0.5	55778.8
Cu 327.395	1476.70	ug/L	13.3478	0.9	100487
Fe 273.955	313482	ug/L	1248.82	0.4	3758620
K 404.721	37114.7	ug/L	116.849	0.3	537.557
Li 610.365	4935.77	ug/L	17.4905	0.4	360651
Mg 279.078	75625.0	ug/L	380.412	0.5	310579
Mn 257.610	2510.24	ug/L	11.9678	0.5	742482
Mo 202.032	941.347	ug/L	6.53444	0.7	8489.95
Na 330.237	17627.0	ug/L	120.302	0.7	2380.73
Ni 216.555	1090.50	ug/L	5.28958	0.5	9446.34
Pb 220.353	1499.08	ug/L	8.74026	0.6	7379.17
Sb 217.582	888.667	ug/L	5.01531	0.6	1753.10
Se 196.026	852.875	ug/L	1.76086	0.2	470.238
Si 251.611	4040.84	ug/L	29.0632	0.7	21293.3
Si 288.158	4075.00	ug/L	26.5453	0.7	49007.6
Sn 283.998	962.078	ug/L	3.46791	0.4	4314.94
Sr 421.552	1008.69	ug/L	4.06453	0.4	2407355
Ti 336.122	6015.30	ug/L	40.9131	0.7	1426609
Tl 190.794	809.409	ug/L	5.29653	0.7	651.536
V 292.401	1527.29	ug/L	6.00436	0.4	57137.5
Zn 202.548	1585.36	ug/L	7.78568	0.5	37585.1
Zr 339.198	1001.29	ug/L	4.81285	0.5	55651.0

360-24808-A-2-A (Samp) **9/28/2009, 12:59:59 PM** **Rack 1, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.059384uv	ug/L	0.020112	33.9	5.01611
Al 237.312	113000	ug/L	334.069	0.3	429474
As 188.980	106.081	ug/L	0.171765	0.2	111.584
B 249.678	76.3045	ug/L	3.62965	4.8	2181.29
Ba 493.408	1391.55	ug/L	15.1657	1.1	3409944
Be 313.042	6.34720	ug/L	0.015052	0.2	20928.6
Ca 373.690	30616.4	ug/L	164.173	0.5	144293
Cd 214.439	31.5585	ug/L	0.156167	0.5	1212.08
Co 228.615	171.315	ug/L	0.326536	0.2	1486.10
Cr 267.716	284.635	ug/L	1.04834	0.4	13330.1
Cu 327.395	807.173	ug/L	2.88717	0.4	54956.0
Fe 273.955	314058	ug/L	1241.83	0.4	3765425
K 404.721	18782.2	ug/L	439.235	2.3	258.384
Li 610.365	328.087	ug/L	1.21122	0.4	23972.2
Mg 279.078	53292.1	ug/L	174.512	0.3	222863

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	18721.1	ug/L	77.5953	0.4	5537023
Mo 202.032	38.3749	ug/L	1.00191	2.6	353.858
Na 330.237	574.094	ug/L	4.12788	0.7	86.4336
Ni 216.555	377.829	ug/L	1.21540	0.3	3275.50
Pb 220.353	8478.68	ug/L	30.8468	0.4	41713.4
Sb 217.582	-1.03673uv	ug/L	0.217303	21.0	2.67218
Se 196.026	9.77991	ug/L	3.14848	32.2	7.60516
Si 251.611	4540.80	ug/L	26.7665	0.6	23918.5
Si 288.158	4625.87	ug/L	2.83292	0.1	55565.9
Sn 283.998	114.735	ug/L	0.289069	0.3	521.183
Sr 421.552	181.067	ug/L	0.527385	0.3	432158
Ti 336.122	5548.08	ug/L	18.0195	0.3	1315808
Tl 190.794	14.8785	ug/L	1.46271	9.8	13.6238
V 292.401	654.504	ug/L	1.85339	0.3	24493.8
Zn 202.548	2140.71	ug/L	10.9139	0.5	50728.1
Zr 339.198	91.6292	ug/L	5.54914	6.1	5097.20

360-24808-A-3-A (Samp) **9/28/2009, 1:02:53 PM** **Rack 1, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	1.22716	ug/L	0.331539	27.0	15.7943
Al 237.312	128186	ug/L	184.699	0.1	485990
As 188.980	45.1235	ug/L	0.155249	0.3	48.2660
B 249.678	45.8028	ug/L	0.350033	0.8	1317.96
Ba 493.408	1221.77	ug/L	3.63376	0.3	2993908
Be 313.042	6.87518	ug/L	0.023468	0.3	22667.7
Ca 373.690	29183.4	ug/L	73.5184	0.3	137705
Cd 214.439	7.45991	ug/L	0.041963	0.6	289.914
Co 228.615	116.532	ug/L	0.484356	0.4	1013.71
Cr 267.716	474.687	ug/L	1.67077	0.4	22218.7
Cu 327.395	1907.07	ug/L	5.79116	0.3	129756
Fe 273.955	272471	ug/L	541.931	0.2	3273979
K 404.721	19045.1	ug/L	130.570	0.7	262.125
Li 610.365	350.195	ug/L	1.35170	0.4	25587.6
Mg 279.078	47370.7	ug/L	130.801	0.3	199044
Mn 257.610	1142.01	ug/L	4.18697	0.4	337811
Mo 202.032	11.5121	ug/L	0.759587	6.6	111.815
Na 330.237	401.000	ug/L	20.8606	5.2	63.9136
Ni 216.555	668.683	ug/L	2.04812	0.3	5793.94
Pb 220.353	940.040	ug/L	1.87161	0.2	4629.10
Sb 217.582	-0.490076uv	ug/L	0.473126	96.5	3.74768
Se 196.026	-0.389129uv	ug/L	1.59001	408.6	2.02508
Si 251.611	3135.65	ug/L	14.6171	0.5	16540.2
Si 288.158	3179.39	ug/L	27.7719	0.9	38345.1
Sn 283.998	192.388	ug/L	2.09166	1.1	868.854
Sr 421.552	161.595	ug/L	0.564706	0.3	385687
Ti 336.122	6117.20	ug/L	13.3214	0.2	1450774
Tl 190.794	-1.11921uv	ug/L	0.764791	68.3	0.779495
V 292.401	551.610	ug/L	2.15770	0.4	20645.4
Zn 202.548	1301.11	ug/L	0.007510	0.0	30857.8
Zr 339.198	83.7549	ug/L	1.86969	2.2	4659.60

360-24808-A-5-A (Samp) **9/28/2009, 1:05:46 PM** **Rack 1, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.331760uv	ug/L	0.223931	67.5	2.73425
Al 237.312	174139	ug/L	1023.59	0.6	657005
As 188.980	130.862	ug/L	1.01602	0.8	137.325
B 249.678	80.6688	ug/L	1.07852	1.3	2304.82
Ba 493.408	1286.94	ug/L	6.51899	0.5	3153619
Be 313.042	9.23888	ug/L	0.042228	0.5	30453.1
Ca 373.690	41688.3	ug/L	159.605	0.4	194655
Cd 214.439	10.5866	ug/L	0.073348	0.7	409.563
Co 228.615	161.164	ug/L	1.16918	0.7	1398.57
Cr 267.716	398.072	ug/L	1.78846	0.4	18635.5
Cu 327.395	776.614	ug/L	3.66846	0.5	52877.8
Fe 273.955	420831	ug/L	2836.03	0.7	5027208
K 404.721	24438.4	ug/L	699.740	2.9	340.643
Li 610.365	626.272	ug/L	1.71650	0.3	45760.2
Mg 279.078	78991.1	ug/L	440.445	0.6	323509
Mn 257.610	3648.36	ug/L	17.5025	0.5	1079094
Mo 202.032	21.6588	ug/L	0.414737	1.9	203.241
Na 330.237	540.001	ug/L	13.0301	2.4	81.9968
Ni 216.555	314.230	ug/L	1.09657	0.3	2724.81
Pb 220.353	2922.98	ug/L	13.0347	0.4	14383.6
Sb 217.582	-1.06781uv	ug/L	0.782650	73.3	2.61102
Se 196.026	-1.81587uv	ug/L	2.19303	120.8	1.24219
Si 251.611	3250.40	ug/L	25.2558	0.8	17142.7
Si 288.158	3286.17	ug/L	14.5240	0.4	39616.4
Sn 283.998	144.940	ug/L	0.055297	0.0	656.418
Sr 421.552	223.362	ug/L	0.821897	0.4	533100
Ti 336.122	8090.71	ug/L	15.4569	0.2	1918793
Tl 190.794	1.32877	ug/L	1.52947	115.1	2.74493
V 292.401	910.602	ug/L	4.72416	0.5	34072.3
Zn 202.548	1496.39	ug/L	7.47633	0.5	35479.3
Zr 339.198	102.015	ug/L	4.47541	4.4	5674.40

360-24808-A-7-A (Samp) **9/28/2009, 1:08:39 PM** **Rack 1, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	1.52718	ug/L	0.103012	6.7	18.3077
Al 237.312	147557	ug/L	229.953	0.2	558079
As 188.980	55.9805	ug/L	0.034068	0.1	59.5435
B 249.678	100.160	ug/L	0.454630	0.5	2856.51
Ba 493.408	1179.67	ug/L	0.331456	0.0	2890759
Be 313.042	5.49784	ug/L	0.007362	0.1	18131.1
Ca 373.690	49924.5	ug/L	63.2281	0.1	231494
Cd 214.439	16.2509	ug/L	0.007361	0.0	626.315
Co 228.615	103.413	ug/L	0.280734	0.3	900.588
Cr 267.716	403.895	ug/L	0.834230	0.2	18907.8
Cu 327.395	1658.34	ug/L	3.85076	0.2	112840
Fe 273.955	269028	ug/L	992.226	0.4	3233286
K 404.721	15389.4	ug/L	499.710	3.2	210.715
Li 610.365	282.826	ug/L	0.121491	0.0	20665.0
Mg 279.078	53057.7	ug/L	180.293	0.3	221924

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1863.58	ug/L	4.60103	0.2	551227
Mo 202.032	17.4373	ug/L	0.231600	1.3	165.203
Na 330.237	681.878	ug/L	22.1712	3.3	100.465
Ni 216.555	312.546	ug/L	1.24562	0.4	2710.23
Pb 220.353	8024.90	ug/L	18.1075	0.2	39481.2
Sb 217.582	-1.42207uv	ug/L	0.414424	29.1	1.91406
Se 196.026	2.96074	ug/L	1.29086	43.6	3.86327
Si 251.611	3613.67	ug/L	45.6256	1.3	19050.3
Si 288.158	3650.85	ug/L	53.5628	1.5	43958.0
Sn 283.998	262.736	ug/L	0.254268	0.1	1183.82
Sr 421.552	317.726	ug/L	0.186660	0.1	758309
Ti 336.122	5713.72	ug/L	16.6619	0.3	1355089
Tl 190.794	-0.993323uv	ug/L	1.32556	133.4	0.880570
V 292.401	698.039	ug/L	0.740641	0.1	26122.1
Zn 202.548	2584.54	ug/L	20.0541	0.8	61232.0
Zr 339.198	67.0569	ug/L	9.39186	14.0	3731.61

360-24808-A-8-A (Samp) **9/28/2009, 1:11:32 PM** **Rack 1, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	2.70803	ug/L	0.196710	7.3	28.2004
Al 237.312	133010	ug/L	169.330	0.1	503944
As 188.980	44.4290	ug/L	2.01186	4.5	47.5446
B 249.678	109.612	ug/L	0.859121	0.8	3124.02
Ba 493.408	1099.26	ug/L	1.73868	0.2	2693728
Be 313.042	4.42243	ug/L	0.006941	0.2	14588.9
Ca 373.690	49207.7	ug/L	99.5170	0.2	228309
Cd 214.439	13.0049	ug/L	0.139450	1.1	502.101
Co 228.615	95.4108	ug/L	0.107216	0.1	831.584
Cr 267.716	455.299	ug/L	1.02210	0.2	21312.0
Cu 327.395	2228.34	ug/L	1.46514	0.1	151604
Fe 273.955	250623	ug/L	104.552	0.0	3015789
K 404.721	13763.7	ug/L	315.286	2.3	188.310
Li 610.365	200.368	ug/L	0.359078	0.2	14639.8
Mg 279.078	49021.0	ug/L	62.8745	0.1	205706
Mn 257.610	1770.20	ug/L	2.15732	0.1	523609
Mo 202.032	20.9409	ug/L	0.310872	1.5	196.772
Na 330.237	929.076	ug/L	62.2326	6.7	132.667
Ni 216.555	294.241	ug/L	0.231307	0.1	2551.73
Pb 220.353	9139.61	ug/L	16.8400	0.2	44964.7
Sb 217.582	0.749319uv	ug/L	3.16276	422.1	6.18610
Se 196.026	3.08674	ug/L	1.03623	33.6	3.93240
Si 251.611	3117.98	ug/L	51.4470	1.7	16447.4
Si 288.158	3152.20	ug/L	49.5866	1.6	38021.5
Sn 283.998	327.461	ug/L	0.068018	0.0	1473.61
Sr 421.552	309.583	ug/L	0.532661	0.2	738875
Ti 336.122	5398.21	ug/L	31.2922	0.6	1280266
Tl 190.794	-1.94209uv	ug/L	0.226924	11.7	0.118820
V 292.401	670.735	ug/L	0.761357	0.1	25100.9
Zn 202.548	2692.65	ug/L	8.46439	0.3	63790.7
Zr 339.198	33.7899	ug/L	6.27558	18.6	1882.81

360-24808-A-11-A (Samp) **9/28/2009, 1:14:25 PM** **Rack 1, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	5.64437	ug/L	0.139733	2.5	52.7999
Al 237.312	138707	ug/L	580.601	0.4	525143
As 188.980	51.8527	ug/L	3.07008	5.9	55.2558
B 249.678	52.7352	ug/L	0.119813	0.2	1514.18
Ba 493.408	712.056	ug/L	2.61000	0.4	1744933
Be 313.042	4.75034	ug/L	0.015294	0.3	15669.0
Ca 373.690	32356.9	ug/L	177.832	0.5	152274
Cd 214.439	8.78887	ug/L	0.160629	1.8	340.769
Co 228.615	81.0242	ug/L	0.381703	0.5	707.530
Cr 267.716	634.727	ug/L	2.47966	0.4	29703.7
Cu 327.395	5490.95	ug/L	22.2500	0.4	373479
Fe 273.955	257742	ug/L	1041.91	0.4	3099924
K 404.721	15192.0	ug/L	359.116	2.4	207.975
Li 610.365	197.345	ug/L	0.442168	0.2	14419.0
Mg 279.078	41348.7	ug/L	170.614	0.4	174578
Mn 257.610	1158.20	ug/L	3.92940	0.3	342601
Mo 202.032	61.8317	ug/L	0.291939	0.5	565.212
Na 330.237	1627.82	ug/L	27.4872	1.7	223.861
Ni 216.555	434.622	ug/L	2.12654	0.5	3767.26
Pb 220.353	-x	ug/L	130.104	0.4	147402
Sb 217.582	0.844373	ug/L	0.122976	14.6	6.37311
Se 196.026	3.20970	ug/L	0.026977	0.8	3.99988
Si 251.611	2979.46	ug/L	28.1734	0.9	15720.0
Si 288.158	3013.40	ug/L	43.3108	1.4	36369.0
Sn 283.998	1002.69	ug/L	2.62688	0.3	4496.77
Sr 421.552	160.944	ug/L	0.785180	0.5	384133
Ti 336.122	6050.56	ug/L	27.6783	0.5	1434972
Tl 190.794	0.222069uv	ug/L	3.14426	1415.9	1.85638
V 292.401	1513.36	ug/L	5.51823	0.4	56616.4
Zn 202.548	2423.76	ug/L	20.7443	0.9	57427.0
Zr 339.198	22.1154	ug/L	2.70391	12.2	1234.01

CCV (CCV) **9/28/2009, 1:17:19 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	987.290	ug/L	3.50683	0.4	8276.63	98.72897
Al 237.312	4957.30	ug/L	14.4460	0.3	21645.6	99.14607
As 188.980	982.800	ug/L	1.06334	0.1	1022.26	98.27998
B 249.678	995.467	ug/L	11.8803	1.2	28197.5	99.54671
Ba 493.408	997.058	ug/L	3.94334	0.4	2443290	99.70577
Be 313.042	982.858	ug/L	2.49779	0.3	3237295	98.28580
Ca 373.690	19680.8	ug/L	49.0514	0.2	93606.6	98.40414
Cd 214.439	978.804	ug/L	1.07292	0.1	37459.8	97.88036
Co 228.615	983.041	ug/L	1.57774	0.2	8485.57	98.30412
Cr 267.716	982.276	ug/L	2.70827	0.3	45958.3	98.22755
Cu 327.395	980.820	ug/L	2.12667	0.2	66765.0	98.08196
Fe 273.955	4937.22	ug/L	14.3441	0.3	77622.5	98.74445
K 404.721	19776.1	ug/L	111.313	0.6	272.582	98.88052
Li 610.365	4947.04	ug/L	16.4665	0.3	361474	98.94077
Mg 279.078	19647.3	ug/L	44.9786	0.2	84388.9	98.23640

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	985.367	ug/L	2.90931	0.3	291484	98.53669
Mo 202.032	981.245	ug/L	5.03749	0.5	8849.44	98.12455
Na 330.237	19916.6	ug/L	7.08212	0.0	2700.17	99.58277
Ni 216.555	982.547	ug/L	0.621998	0.1	8511.61	98.25465
Pb 220.353	982.332	ug/L	3.99491	0.4	4837.14	98.23319
Sb 217.582	992.452	ug/L	3.49242	0.4	1957.29	99.24519
Se 196.026	982.830	ug/L	1.20994	0.1	541.549	98.28300
Si 251.611	994.427	ug/L	11.7211	1.2	5296.80	99.44264
Si 288.158	987.583	ug/L	15.5693	1.6	12251.3	98.75828
Sn 283.998	982.176	ug/L	1.89435	0.2	4404.92	98.21761
Sr 421.552	994.650	ug/L	2.82515	0.3	2373856	99.46498
Ti 336.122	989.626	ug/L	6.37661	0.6	234767	98.96261
Tl 190.794	983.418	ug/L	1.04659	0.1	791.245	98.34180
V 292.401	989.579	ug/L	3.01988	0.3	37026.2	98.95789
Zn 202.548	972.277	ug/L	0.953239	0.1	23075.5	97.22768
Zr 339.198	885.867	ug/L	11.4337	1.3	49236.6	88.58672Q

CCB (CCB) **9/28/2009, 1:20:12 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.258905uv	ug/L	0.518852	200.4	3.34460	-0.25891
Al 237.312	1.62390	ug/L	0.094168	5.8	11.0492	1.62390
As 188.980	0.297680uv	ug/L	1.60872	540.4	1.70419	0.29768
B 249.678	26.1458	ug/L	4.23028	16.2	761.586	26.14577
Ba 493.408	0.029299	ug/L	0.000375	1.3	209.690	0.02930
Be 313.042	0.038809	ug/L	0.000357	0.9	150.474	0.03881
Ca 373.690	0.980298	ug/L	0.104114	10.6	23.4055	0.98030
Cd 214.439	-0.010504uv	ug/L	0.007161	68.2	4.04845	-0.01050
Co 228.615	0.040413uv	ug/L	0.158010	391.0	9.21115	0.04041
Cr 267.716	0.079539	ug/L	0.042863	53.9	21.6434	0.07954
Cu 327.395	-0.023613uv	ug/L	0.065758	278.5	62.1186	-0.02361
Fe 273.955	4.03892	ug/L	0.799429	19.8	102.738	4.03892
K 404.721	438.500	ug/L	75.2345	17.2	15.4984	438.50031
Li 610.365	-0.036460uv	ug/L	0.073751	202.3	-3.46680	-0.03646
Mg 279.078	1.64824	ug/L	0.531754	32.3	14.1811	1.64824
Mn 257.610	0.010474	ug/L	0.002861	27.3	53.5001	0.01047
Mo 202.032	10.6613	ug/L	2.17198	20.4	104.150	10.66134
Na 330.237	-48.7398uv	ug/L	18.8025	38.6	5.47229	-48.73978
Ni 216.555	0.430983	ug/L	0.031813	7.4	7.69942	0.43098
Pb 220.353	-0.262145uv	ug/L	0.129434	49.4	3.53214	-0.26214
Sb 217.582	1.02148	ug/L	0.618302	60.5	6.72156	1.02148
Se 196.026	3.25788	ug/L	1.16799	35.9	4.02631	3.25788
Si 251.611	-0.246388uv	ug/L	0.555811	225.6	73.8473	-0.24639
Si 288.158	0.262070uv	ug/L	1.13264	432.2	496.996	0.26207
Sn 283.998	1.01378	ug/L	0.552305	54.5	12.0243	1.01378
Sr 421.552	0.034731	ug/L	0.003306	9.5	107.540	0.03473
Ti 336.122	0.588992	ug/L	0.220197	37.4	216.188	0.58899
Tl 190.794	2.13966	ug/L	0.504646	23.6	3.39598	2.13966
V 292.401	0.046017	ug/L	0.017486	38.0	16.0021	0.04602
Zn 202.548	-0.794786uv	ug/L	0.045530	5.7	46.3153	-0.79479
Zr 339.198	0.553339	ug/L	0.026930	4.9	35.7094	0.55334

360-24808-A-12-A (Samp) **9/28/2009, 1:23:05 PM** **Rack 1, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.150286uv	ug/L	0.575902	383.2	4.25458
Al 237.312	103964	ug/L	432.037	0.4	395848
As 188.980	46.9598	ug/L	1.20958	2.6	50.1734
B 249.678	72.4486	ug/L	0.065455	0.1	2072.15
Ba 493.408	489.651	ug/L	2.07572	0.4	1199960
Be 313.042	3.76921	ug/L	0.018279	0.5	12437.4
Ca 373.690	23249.2	ug/L	90.7431	0.4	110250
Cd 214.439	7.27578	ug/L	0.013886	0.2	282.868
Co 228.615	69.3650	ug/L	0.081920	0.1	606.993
Cr 267.716	255.781	ug/L	1.27120	0.5	11980.6
Cu 327.395	807.639	ug/L	0.921647	0.1	54987.7
Fe 273.955	271287	ug/L	849.279	0.3	3259988
K 404.721	12918.7	ug/L	62.3041	0.5	176.777
Li 610.365	221.776	ug/L	0.907243	0.4	16204.1
Mg 279.078	46652.9	ug/L	238.588	0.5	196140
Mn 257.610	1155.07	ug/L	5.35198	0.5	341675
Mo 202.032	19.7396	ug/L	1.64088	8.3	185.948
Na 330.237	319.845	ug/L	16.5122	5.2	53.3604
Ni 216.555	238.371	ug/L	0.699500	0.3	2067.96
Pb 220.353	3958.85	ug/L	15.9510	0.4	19479.3
Sb 217.582	0.096489uv	ug/L	1.54856	1604.9	4.90170
Se 196.026	-1.16109uv	ug/L	1.85864	160.1	1.60149
Si 251.611	2765.20	ug/L	13.4424	0.5	14595.0
Si 288.158	2782.25	ug/L	8.91859	0.3	33617.1
Sn 283.998	128.850	ug/L	0.495393	0.4	584.377
Sr 421.552	110.297	ug/L	0.573025	0.5	263259
Ti 336.122	3430.19	ug/L	19.5889	0.6	813548
Tl 190.794	-1.28793uv	ug/L	0.196513	15.3	0.644035
V 292.401	474.462	ug/L	2.53603	0.5	17760.0
Zn 202.548	1460.33	ug/L	10.9058	0.7	34626.0
Zr 339.198	79.9609	ug/L	7.67194	9.6	4448.75

360-24343-A-2-E (Samp) **9/28/2009, 1:25:59 PM** **Rack 1, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	25.8671	ug/L	0.905205	3.5	222.218
Al 237.312	110638	ug/L	60.1317	0.1	420684
As 188.980	90.4936	ug/L	1.76878	2.0	95.3932
B 249.678	12.3257	ug/L	0.753008	6.1	370.420
Ba 493.408	467.311	ug/L	0.235429	0.1	1145218
Be 313.042	2.65794	ug/L	0.006283	0.2	8777.18
Ca 373.690	24664.0	ug/L	12.3868	0.1	116820
Cd 214.439	3.79763	ug/L	0.079266	2.1	149.772
Co 228.615	72.8449	ug/L	0.040224	0.1	637.000
Cr 267.716	1872.73	ug/L	2.16802	0.1	87604.3
Cu 327.395	287.959	ug/L	1.33297	0.5	19646.5
Fe 273.955	235446	ug/L	584.214	0.2	2836442
K 404.721	18258.1	ug/L	276.081	1.5	250.936
Li 610.365	149.057	ug/L	0.091237	0.1	10890.6
Mg 279.078	51545.3	ug/L	21.7408	0.0	215861

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1589.50	ug/L	0.473793	0.0	470164
Mo 202.032	4.17754	ug/L	0.561261	13.4	45.7286
Na 330.237	736.316	ug/L	56.6981	7.7	107.554
Ni 216.555	152.411	ug/L	0.218522	0.1	1323.66
Pb 220.353	62.5386	ug/L	0.758530	1.2	312.463
Sb 217.582	1.10728uv	ug/L	3.40913	307.9	6.89035
Se 196.026	-2.91512uv	ug/L	1.41096	48.4	0.638992
Si 251.611	2009.59	ug/L	3.91904	0.2	10627.4
Si 288.158	2025.66	ug/L	11.8603	0.6	24609.8
Sn 283.998	762.680	ug/L	1.30416	0.2	3422.19
Sr 421.552	77.2957	ug/L	0.012937	0.0	184499
Ti 336.122	6730.51	ug/L	6.14299	0.1	1596222
Tl 190.794	-1.02041uv	ug/L	0.912979	89.5	0.858818
V 292.401	322.476	ug/L	0.363717	0.1	12075.4
Zn 202.548	269.002	ug/L	1.15882	0.4	6431.47
Zr 339.198	23.3439	ug/L	0.892551	3.8	1302.28

360-24343-A-5-D (Samp) **9/28/2009, 1:28:52 PM** **Rack 1, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	42.0576	ug/L	0.107731	0.3	357.855
Al 237.312	94879.0	ug/L	474.800	0.5	362037
As 188.980	77.6902	ug/L	2.51525	3.2	82.0939
B 249.678	6.18936	ug/L	0.394374	6.4	196.734
Ba 493.408	338.930	ug/L	1.53305	0.5	830640
Be 313.042	2.48424	ug/L	0.003155	0.1	8205.08
Ca 373.690	21296.2	ug/L	139.676	0.7	101153
Cd 214.439	1.93026	ug/L	0.116030	6.0	78.3148
Co 228.615	47.0504	ug/L	0.099974	0.2	414.575
Cr 267.716	2698.44	ug/L	12.0799	0.4	126222
Cu 327.395	139.522	ug/L	0.020673	0.0	9551.99
Fe 273.955	118128	ug/L	559.377	0.5	1450046
K 404.721	16879.9	ug/L	125.150	0.7	231.498
Li 610.365	232.176	ug/L	1.10508	0.5	16964.0
Mg 279.078	32013.2	ug/L	146.269	0.5	136168
Mn 257.610	1331.97	ug/L	6.43655	0.5	393995
Mo 202.032	6.05928	ug/L	0.363415	6.0	62.6836
Na 330.237	953.500	ug/L	8.72684	0.9	135.850
Ni 216.555	125.619	ug/L	0.545328	0.4	1091.68
Pb 220.353	39.7617	ug/L	0.428544	1.1	200.419
Sb 217.582	-0.519765uv	ug/L	1.75220	337.1	3.68927
Se 196.026	0.902634uv	ug/L	2.98509	330.7	2.73392
Si 251.611	4005.66	ug/L	26.0178	0.6	21108.6
Si 288.158	4052.18	ug/L	31.2335	0.8	48736.0
Sn 283.998	1135.73	ug/L	10.6567	0.9	5092.44
Sr 421.552	69.2326	ug/L	0.287791	0.4	165255
Ti 336.122	5270.11	ug/L	15.8768	0.3	1249886
Tl 190.794	-0.583223uv	ug/L	0.971141	166.5	1.20983
V 292.401	178.702	ug/L	0.664574	0.4	6698.02
Zn 202.548	265.705	ug/L	0.240824	0.1	6353.42
Zr 339.198	26.6951	ug/L	0.094364	0.4	1488.52

360-24343-A-8-E (Samp) **9/28/2009, 1:31:44 PM** **Rack 1, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.73698	ug/L	0.190137	4.0	45.1981
Al 237.312	104220	ug/L	64.4296	0.1	396799
As 188.980	83.6874	ug/L	0.372894	0.4	88.3233
B 249.678	6.92930	ug/L	0.282625	4.1	217.678
Ba 493.408	458.503	ug/L	0.560196	0.1	1123636
Be 313.042	5.84092	ug/L	0.010567	0.2	19261.1
Ca 373.690	19593.9	ug/L	13.7610	0.1	93199.7
Cd 214.439	3.79409	ug/L	0.040060	1.1	149.637
Co 228.615	82.7054	ug/L	0.006700	0.0	722.027
Cr 267.716	666.445	ug/L	1.44196	0.2	31187.1
Cu 327.395	169.170	ug/L	1.16438	0.7	11568.2
Fe 273.955	167930	ug/L	511.338	0.3	2038579
K 404.721	22142.6	ug/L	152.873	0.7	306.828
Li 610.365	248.230	ug/L	0.045500	0.0	18137.1
Mg 279.078	41425.9	ug/L	123.155	0.3	174893
Mn 257.610	1561.98	ug/L	3.17326	0.2	462026
Mo 202.032	2.69752	ug/L	0.420843	15.6	32.3930
Na 330.237	302.080	ug/L	42.4360	14.0	51.0508
Ni 216.555	217.890	ug/L	0.414666	0.2	1890.62
Pb 220.353	40.3717	ug/L	0.576078	1.4	203.419
Sb 217.582	1.85366	ug/L	2.17248	117.2	8.35880
Se 196.026	-1.81220uv	ug/L	0.223684	12.3	1.24420
Si 251.611	3959.19	ug/L	55.5783	1.4	20864.6
Si 288.158	3993.29	ug/L	54.8603	1.4	48034.8
Sn 283.998	259.053	ug/L	0.783799	0.3	1167.33
Sr 421.552	80.3938	ug/L	0.047264	0.1	191893
Ti 336.122	5240.81	ug/L	2.94927	0.1	1242938
Tl 190.794	0.083199uv	ug/L	1.91672	2303.8	1.74489
V 292.401	235.407	ug/L	0.487377	0.2	8818.88
Zn 202.548	922.493	ug/L	13.1737	1.4	21897.3
Zr 339.198	24.3483	ug/L	0.141264	0.6	1358.10

360-24343-A-12-D (Samp) **9/28/2009, 1:34:36 PM** **Rack 1, Tube 25**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	69.9923	ug/L	1.08430	1.5	591.881
Al 237.312	176610	ug/L	127.500	0.1	666201
As 188.980	78.6012	ug/L	0.450520	0.6	83.0402
B 249.678	6.85989	ug/L	0.149620	2.2	215.713
Ba 493.408	550.626	ug/L	0.882934	0.2	1349370
Be 313.042	4.63431	ug/L	0.013936	0.3	15286.8
Ca 373.690	49374.3	ug/L	57.4110	0.1	229049
Cd 214.439	4.47303	ug/L	0.075459	1.7	175.617
Co 228.615	134.988	ug/L	0.056473	0.0	1172.86
Cr 267.716	4449.97	ug/L	8.07131	0.2	208140
Cu 327.395	448.229	ug/L	0.438964	0.1	30545.8
Fe 273.955	307122	ug/L	491.395	0.2	3683462
K 404.721	35694.5	ug/L	234.409	0.7	514.628
Li 610.365	194.778	ug/L	0.054121	0.0	14231.4
Mg 279.078	94493.3	ug/L	195.808	0.2	382075

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1922.79	ug/L	0.196889	0.0	568738
Mo 202.032	5.90318	ug/L	0.322061	5.5	61.2771
Na 330.237	4654.04	ug/L	48.5166	1.0	621.718
Ni 216.555	319.978	ug/L	0.048985	0.0	2774.59
Pb 220.353	24.4692	ug/L	0.373062	1.5	125.191
Sb 217.582	-1.95197uv	ug/L	0.462026	23.7	0.871521
Se 196.026	-2.22119uv	ug/L	1.30600	58.8	1.01978
Si 251.611	3750.71	ug/L	91.4882	2.4	19769.9
Si 288.158	3794.45	ug/L	134.278	3.5	45667.6
Sn 283.998	1838.55	ug/L	3.69160	0.2	8239.11
Sr 421.552	110.058	ug/L	0.037553	0.0	262689
Ti 336.122	9128.83	ug/L	14.1318	0.2	2164984
Tl 190.794	0.193999uv	ug/L	2.15182	1109.2	1.83385
V 292.401	488.689	ug/L	1.14633	0.2	18292.1
Zn 202.548	284.815	ug/L	2.30880	0.8	6805.70
Zr 339.198	30.7957	ug/L	0.520858	1.7	1716.42

360-24343-A-15-D (Samp) **9/28/2009, 1:37:30 PM** **Rack 1, Tube 26**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.023219uv	ug/L	0.262280	1129.6	5.31909
Al 237.312	101455	ug/L	379.810	0.4	386508
As 188.980	44.5146	ug/L	0.699689	1.6	47.6335
B 249.678	7.26519	ug/L	0.175431	2.4	227.185
Ba 493.408	398.723	ug/L	1.46803	0.4	977154
Be 313.042	2.44719	ug/L	0.010531	0.4	8083.03
Ca 373.690	43906.8	ug/L	129.622	0.3	204630
Cd 214.439	3.49313	ug/L	0.081320	2.3	138.120
Co 228.615	121.946	ug/L	0.517043	0.4	1060.40
Cr 267.716	276.898	ug/L	1.26560	0.5	12968.3
Cu 327.395	360.092	ug/L	2.24162	0.6	24552.0
Fe 273.955	222786	ug/L	845.180	0.4	2686827
K 404.721	26729.8	ug/L	383.680	1.4	374.940
Li 610.365	115.178	ug/L	0.003814	0.0	8415.16
Mg 279.078	64911.0	ug/L	189.190	0.3	268916
Mn 257.610	2286.71	ug/L	14.5967	0.6	676372
Mo 202.032	0.921845	ug/L	0.388076	42.1	16.3936
Na 330.237	1703.99	ug/L	34.4462	2.0	233.816
Ni 216.555	216.143	ug/L	0.462917	0.2	1875.50
Pb 220.353	20.3734	ug/L	1.03479	5.1	105.043
Sb 217.582	-0.245073uv	ug/L	2.37969	971.0	4.22971
Se 196.026	-3.95940uv	ug/L	0.608248	15.4	0.065964
Si 251.611	1841.18	ug/L	20.6618	1.1	9743.02
Si 288.158	1871.22	ug/L	24.5520	1.3	22771.2
Sn 283.998	93.0993	ug/L	0.651977	0.7	424.313
Sr 421.552	99.6442	ug/L	0.356315	0.4	237836
Ti 336.122	6991.45	ug/L	27.0496	0.4	1658103
Tl 190.794	0.828093uv	ug/L	2.52282	304.7	2.34295
V 292.401	322.982	ug/L	1.47207	0.5	12094.4
Zn 202.548	262.996	ug/L	2.74425	1.0	6289.32
Zr 339.198	22.3235	ug/L	0.139366	0.6	1245.57

360-24365-A-2-C (Samp) **9/28/2009, 1:40:24 PM** **Rack 1, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.063522uv	ug/L	0.214926	338.3	4.98144
Al 237.312	83810.4	ug/L	261.011	0.3	320845
As 188.980	46.2589	ug/L	0.673287	1.5	49.4453
B 249.678	5.28135	ug/L	0.009545	0.2	171.034
Ba 493.408	250.287	ug/L	0.679690	0.3	613432
Be 313.042	2.54531	ug/L	0.007604	0.3	8406.21
Ca 373.690	27379.4	ug/L	94.2979	0.3	129388
Cd 214.439	2.84608	ug/L	0.055123	1.9	113.360
Co 228.615	108.003	ug/L	0.225805	0.2	940.163
Cr 267.716	227.401	ug/L	1.10615	0.5	10653.3
Cu 327.395	264.443	ug/L	0.603742	0.2	18047.3
Fe 273.955	175799	ug/L	687.385	0.4	2131567
K 404.721	20469.3	ug/L	428.275	2.1	282.554
Li 610.365	100.032	ug/L	0.095019	0.1	7308.39
Mg 279.078	49106.9	ug/L	183.599	0.4	206052
Mn 257.610	1677.51	ug/L	4.67034	0.3	496193
Mo 202.032	1.78139	ug/L	0.049161	2.8	24.1384
Na 330.237	1094.71	ug/L	6.24787	0.6	154.260
Ni 216.555	163.018	ug/L	0.309586	0.2	1415.51
Pb 220.353	27.1937	ug/L	0.078048	0.3	138.594
Sb 217.582	-0.710385uv	ug/L	1.46797	206.6	3.31424
Se 196.026	-2.42763uv	ug/L	0.669714	27.6	0.906494
Si 251.611	2170.94	ug/L	20.9696	1.0	11474.6
Si 288.158	2197.08	ug/L	11.2923	0.5	26650.6
Sn 283.998	76.1748	ug/L	0.229149	0.3	348.538
Sr 421.552	65.1638	ug/L	0.193193	0.3	155545
Ti 336.122	4818.42	ug/L	7.23127	0.2	1142769
Tl 190.794	-0.268964uv	ug/L	1.95693	727.6	1.46214
V 292.401	231.040	ug/L	1.09971	0.5	8655.56
Zn 202.548	221.137	ug/L	1.56898	0.7	5298.66
Zr 339.198	20.1823	ug/L	0.117644	0.6	1126.58

360-24365-A-6-F (Samp) **9/28/2009, 1:43:18 PM** **Rack 1, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.057097uv	ug/L	0.545187	954.9	5.03528
Al 237.312	109097	ug/L	689.125	0.6	414951
As 188.980	57.1747	ug/L	0.143658	0.3	60.7839
B 249.678	7.25966	ug/L	0.111646	1.5	227.028
Ba 493.408	447.628	ug/L	2.91088	0.7	1096987
Be 313.042	3.24269	ug/L	0.015621	0.5	10703.2
Ca 373.690	29856.1	ug/L	223.754	0.7	140800
Cd 214.439	3.19465	ug/L	0.086272	2.7	126.698
Co 228.615	88.4252	ug/L	0.210440	0.2	771.348
Cr 267.716	181.390	ug/L	1.11850	0.6	8501.41
Cu 327.395	388.205	ug/L	1.79321	0.5	26463.9
Fe 273.955	221892	ug/L	814.907	0.4	2676268
K 404.721	28645.0	ug/L	171.933	0.6	404.049
Li 610.365	101.312	ug/L	0.559160	0.6	7401.92
Mg 279.078	51183.3	ug/L	259.196	0.5	214407

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1380.80	ug/L	7.09299	0.5	408436
Mo 202.032	1.58657	ug/L	0.186410	11.7	22.3830
Na 330.237	902.540	ug/L	3.11837	0.3	129.208
Ni 216.555	144.327	ug/L	0.523587	0.4	1253.66
Pb 220.353	20.1575	ug/L	0.624069	3.1	103.981
Sb 217.582	-1.37142uv	ug/L	0.353243	25.8	2.01370
Se 196.026	-0.785857uv	ug/L	0.345239	43.9	1.80739
Si 251.611	2423.84	ug/L	0.472843	0.0	12802.5
Si 288.158	2454.88	ug/L	12.8710	0.5	29719.7
Sn 283.998	53.4384	ug/L	0.031619	0.1	246.742
Sr 421.552	73.9401	ug/L	0.420093	0.6	176490
Ti 336.122	5904.91	ug/L	31.6820	0.5	1400430
Tl 190.794	-0.183746uv	ug/L	1.66811	907.8	1.53056
V 292.401	286.514	ug/L	1.08582	0.4	10730.4
Zn 202.548	330.285	ug/L	2.34926	0.7	7881.82
Zr 339.198	21.6900	ug/L	0.158638	0.7	1210.37

360-24365-A-9-E (Samp) **9/28/2009, 1:46:11 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.186254	ug/L	0.029261	15.7	7.07398
Al 237.312	106169	ug/L	130.030	0.1	404053
As 188.980	113.211	ug/L	0.421862	0.4	118.991
B 249.678	9.79415	ug/L	0.077508	0.8	298.765
Ba 493.408	341.075	ug/L	0.435079	0.1	835896
Be 313.042	3.00208	ug/L	0.009161	0.3	9910.70
Ca 373.690	46280.5	ug/L	107.745	0.2	215261
Cd 214.439	3.33563	ug/L	0.107568	3.2	132.093
Co 228.615	104.600	ug/L	0.329989	0.3	910.825
Cr 267.716	245.939	ug/L	0.465139	0.2	11520.3
Cu 327.395	422.286	ug/L	2.81749	0.7	28781.5
Fe 273.955	215431	ug/L	425.214	0.2	2599916
K 404.721	14692.1	ug/L	31.3185	0.2	201.065
Li 610.365	136.600	ug/L	0.182862	0.1	9980.41
Mg 279.078	46430.8	ug/L	96.9372	0.2	195241
Mn 257.610	1554.68	ug/L	3.36782	0.2	459864
Mo 202.032	4.18390	ug/L	0.383959	9.2	45.7858
Na 330.237	1886.43	ug/L	44.4543	2.4	257.676
Ni 216.555	182.090	ug/L	0.030254	0.0	1580.64
Pb 220.353	36.6877	ug/L	0.534511	1.5	185.297
Sb 217.582	-0.509140uv	ug/L	2.05630	403.9	3.71018
Se 196.026	-1.13248uv	ug/L	0.024382	2.2	1.61719
Si 251.611	3415.31	ug/L	43.7545	1.3	18008.7
Si 288.158	3441.61	ug/L	46.7640	1.4	41467.0
Sn 283.998	78.8380	ug/L	2.12123	2.7	360.462
Sr 421.552	88.1886	ug/L	0.045111	0.1	210496
Ti 336.122	6508.98	ug/L	12.7887	0.2	1543685
Tl 190.794	0.710271	ug/L	0.122103	17.2	2.24835
V 292.401	433.757	ug/L	0.934141	0.2	16237.5
Zn 202.548	294.466	ug/L	5.19799	1.8	7034.11
Zr 339.198	24.8028	ug/L	0.037132	0.1	1383.36

360-24365-A-14-E (Samp) **9/28/2009, 1:49:04 PM** **Rack 1, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.037652uv	ug/L	0.120291	319.5	5.82904
Al 237.312	95102.1	ug/L	230.721	0.2	362867
As 188.980	57.3950	ug/L	0.088137	0.2	61.0128
B 249.678	4.03254	ug/L	0.128510	3.2	135.687
Ba 493.408	259.060	ug/L	0.307611	0.1	634928
Be 313.042	2.97620	ug/L	0.008912	0.3	9825.46
Ca 373.690	24158.6	ug/L	81.4927	0.3	114475
Cd 214.439	2.32036	ug/L	0.086380	3.7	93.2425
Co 228.615	65.1881	ug/L	0.524477	0.8	570.976
Cr 267.716	210.093	ug/L	0.577384	0.3	9843.82
Cu 327.395	177.270	ug/L	0.166170	0.1	12119.1
Fe 273.955	166873	ug/L	162.690	0.1	2026083
K 404.721	17155.3	ug/L	513.854	3.0	235.372
Li 610.365	189.998	ug/L	0.461147	0.2	13882.2
Mg 279.078	42582.1	ug/L	128.014	0.3	179608
Mn 257.610	1379.37	ug/L	4.69408	0.3	408014
Mo 202.032	3.17123	ug/L	0.386128	12.2	36.6613
Na 330.237	1113.09	ug/L	21.6385	1.9	156.658
Ni 216.555	133.322	ug/L	0.236119	0.2	1158.38
Pb 220.353	25.0789	ug/L	0.201981	0.8	128.191
Sb 217.582	0.218626uv	ug/L	3.51648	1608.4	5.14200
Se 196.026	-0.201569uv	ug/L	2.35698	1169.3	2.12801
Si 251.611	2253.95	ug/L	8.58852	0.4	11910.4
Si 288.158	2272.04	ug/L	3.10084	0.1	27543.0
Sn 283.998	69.1567	ug/L	1.06890	1.5	317.116
Sr 421.552	61.3817	ug/L	0.184704	0.3	146518
Ti 336.122	5080.50	ug/L	4.71151	0.1	1204921
Tl 190.794	0.022982uv	ug/L	0.076076	331.0	1.69654
V 292.401	212.526	ug/L	0.926934	0.4	7963.12
Zn 202.548	266.227	ug/L	0.446495	0.2	6365.79
Zr 339.198	20.9283	ug/L	0.283107	1.4	1168.04

CCV (CCV) **9/28/2009, 1:51:58 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	986.113	ug/L	1.97186	0.2	8266.78	98.61131
Al 237.312	4952.96	ug/L	6.31217	0.1	21627.0	99.05925
As 188.980	974.086	ug/L	0.286356	0.0	1013.21	97.40861
B 249.678	982.335	ug/L	13.1057	1.3	27825.8	98.23347
Ba 493.408	997.523	ug/L	1.46126	0.1	2444431	99.75235
Be 313.042	976.266	ug/L	2.14756	0.2	3215582	97.62658
Ca 373.690	19541.5	ug/L	44.2618	0.2	92954.9	97.70767
Cd 214.439	969.701	ug/L	1.19437	0.1	37111.5	96.97014
Co 228.615	975.537	ug/L	2.29883	0.2	8420.86	97.55375
Cr 267.716	975.683	ug/L	1.38923	0.1	45650.0	97.56828
Cu 327.395	981.912	ug/L	4.90076	0.5	66839.3	98.19124
Fe 273.955	4902.92	ug/L	7.82927	0.2	77098.0	98.05830
K 404.721	20503.5	ug/L	399.841	2.0	283.048	102.51770
Li 610.365	4923.80	ug/L	11.4687	0.2	359776	98.47592
Mg 279.078	19512.2	ug/L	34.1897	0.2	83817.6	97.56097

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	979.713	ug/L	1.90169	0.2	289812	97.97133
Mo 202.032	978.043	ug/L	2.98928	0.3	8820.59	97.80431
Na 330.237	19787.6	ug/L	28.9279	0.1	2682.10	98.93782
Ni 216.555	974.062	ug/L	1.16515	0.1	8438.14	97.40617
Pb 220.353	974.708	ug/L	4.00143	0.4	4799.64	97.47079
Sb 217.582	989.430	ug/L	1.88732	0.2	1951.34	98.94301
Se 196.026	974.520	ug/L	1.91360	0.2	536.989	97.45203
Si 251.611	987.891	ug/L	14.9625	1.5	5262.48	98.78913
Si 288.158	979.006	ug/L	14.6397	1.5	12149.2	97.90062
Sn 283.998	975.630	ug/L	1.27391	0.1	4375.61	97.56295
Sr 421.552	990.790	ug/L	1.75361	0.2	2364644	99.07896
Ti 336.122	985.009	ug/L	1.22958	0.1	233672	98.50086
Tl 190.794	972.709	ug/L	4.35554	0.4	782.647	97.27095
V 292.401	983.310	ug/L	2.47474	0.3	36791.7	98.33102
Zn 202.548	962.101	ug/L	1.95102	0.2	22834.7	96.21014
Zr 339.198	964.577	ug/L	6.86615	0.7	53610.9	96.45772

CCB (CCB) **9/28/2009, 1:54:51 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.699650uv	ug/L	0.142824	20.4	-0.347778	-0.69965
Al 237.312	2.04901	ug/L	0.050586	2.5	12.9352	2.04901
As 188.980	1.09922	ug/L	1.05327	95.8	2.53677	1.09922
B 249.678	24.5518	ug/L	4.45850	18.2	716.469	24.55179
Ba 493.408	0.043962	ug/L	0.001904	4.3	245.619	0.04396
Be 313.042	0.045512	ug/L	0.000256	0.6	172.550	0.04551
Ca 373.690	1.16125	ug/L	0.270708	23.3	24.2799	1.16125
Cd 214.439	0.006390uv	ug/L	0.064510	1009.5	4.69492	0.00639
Co 228.615	-0.005073uv	ug/L	0.105915	2087.7	8.81892	-0.00507
Cr 267.716	0.026734	ug/L	0.023282	87.1	19.1738	0.02673
Cu 327.395	-0.022543uv	ug/L	0.006336	28.1	62.1914	-0.02254
Fe 273.955	3.67136	ug/L	0.996796	27.2	96.8052	3.67136
K 404.721	58.5130	ug/L	24.9365	42.6	10.8527	58.51300
Li 610.365	-0.095132uv	ug/L	0.009488	10.0	-7.75391	-0.09513
Mg 279.078	1.64211	ug/L	0.594144	36.2	14.1544	1.64211
Mn 257.610	0.039437	ug/L	0.005755	14.6	62.0665	0.03944
Mo 202.032	10.1834	ug/L	2.20660	21.7	99.8438	10.18345
Na 330.237	-23.7339uv	ug/L	25.3860	107.0	8.71936	-23.73393
Ni 216.555	0.087608	ug/L	0.020214	23.1	4.72621	0.08761
Pb 220.353	0.311157	ug/L	0.206723	66.4	6.35234	0.31116
Sb 217.582	0.694804	ug/L	0.186186	26.8	6.07884	0.69480
Se 196.026	2.74799	ug/L	1.19210	43.4	3.74652	2.74799
Si 251.611	1.06110uv	ug/L	4.08232	384.7	80.7128	1.06110
Si 288.158	0.663603uv	ug/L	4.20582	633.8	501.777	0.66360
Sn 283.998	0.978950	ug/L	0.258744	26.4	11.8684	0.97895
Sr 421.552	0.047575	ug/L	0.001157	2.4	138.194	0.04758
Ti 336.122	0.678832	ug/L	0.384146	56.6	237.494	0.67883
Tl 190.794	1.41212	ug/L	0.116278	8.2	2.81186	1.41212
V 292.401	0.093713	ug/L	0.000009	0.0	17.7860	0.09371
Zn 202.548	-0.779155uv	ug/L	0.093999	12.1	46.6852	-0.77916
Zr 339.198	0.620137	ug/L	0.187196	30.2	39.4217	0.62014

360-24365-A-16-G (Samp) **9/28/2009, 1:57:45 PM** **Rack 1, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.55213	ug/L	0.181719	4.0	43.6496
Al 237.312	57219.8	ug/L	342.969	0.6	221887
As 188.980	110.734	ug/L	1.38173	1.2	116.418
B 249.678	13.3385	ug/L	0.586231	4.4	399.086
Ba 493.408	178.659	ug/L	0.965906	0.5	437917
Be 313.042	2.26643	ug/L	0.009607	0.4	7487.67
Ca 373.690	10650.3	ug/L	78.3867	0.7	51041.5
Cd 214.439	1.52015	ug/L	0.024846	1.6	62.6210
Co 228.615	25.2553	ug/L	0.588200	2.3	226.637
Cr 267.716	372.338	ug/L	2.30038	0.6	17431.9
Cu 327.395	117.840	ug/L	0.670686	0.6	8077.51
Fe 273.955	113991	ug/L	972.228	0.9	1401162
K 404.721	10169.7	ug/L	383.159	3.8	139.807
Li 610.365	64.7055	ug/L	0.353942	0.5	4727.16
Mg 279.078	12691.0	ug/L	74.5231	0.6	54809.4
Mn 257.610	465.094	ug/L	2.11126	0.5	137607
Mo 202.032	7.87137	ug/L	0.930085	11.8	79.0112
Na 330.237	492.649	ug/L	19.4863	4.0	75.8354
Ni 216.555	73.3906	ug/L	0.607767	0.8	639.440
Pb 220.353	98.0802	ug/L	0.384169	0.4	487.301
Sb 217.582	-0.139006uv	ug/L	0.812813	584.7	4.43839
Se 196.026	-0.022906uv	ug/L	3.15175	13759.3	2.22604
Si 251.611	3268.22	ug/L	3.58094	0.1	17236.3
Si 288.158	3297.66	ug/L	4.63555	0.1	39753.2
Sn 283.998	144.424	ug/L	2.80999	1.9	654.105
Sr 421.552	32.3997	ug/L	0.167614	0.5	77349.8
Ti 336.122	3078.71	ug/L	26.1013	0.8	730195
Tl 190.794	-0.599614uv	ug/L	0.805161	134.3	1.19667
V 292.401	159.749	ug/L	0.954652	0.6	5989.18
Zn 202.548	120.048	ug/L	0.830416	0.7	2906.24
Zr 339.198	79.0801	ug/L	10.2033	12.9	4399.80

icsa (Samp) **9/28/2009, 3:00:01 PM** **Rack 1, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.146286uv	ug/L	0.589388	402.9	6.73914
Al 237.312	114843	ug/L	249.813	0.2	436335
As 188.980	1.12502	ug/L	0.331169	29.4	2.56357
B 249.678	6.57553	ug/L	0.033240	0.5	207.664
Ba 493.408	0.396663	ug/L	0.000263	0.1	1109.86
Be 313.042	0.011112	ug/L	0.000284	2.6	59.2473
Ca 373.690	105153	ug/L	216.822	0.2	464858
Cd 214.439	0.624182	ug/L	0.031843	5.1	28.3356
Co 228.615	1.55920	ug/L	0.022708	1.5	22.3076
Cr 267.716	0.420803	ug/L	0.060399	14.4	37.6041
Cu 327.395	0.951727	ug/L	0.198126	20.8	128.447
Fe 273.955	44584.1	ug/L	41.3464	0.1	580954
K 404.721	1797.96	ug/L	482.589	26.8	32.2532
Li 610.365	0.955273	ug/L	0.114539	12.0	68.9980
Mg 279.078	110890	ug/L	161.176	0.1	442661

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	3.36566	ug/L	0.000230	0.0	1045.83
Mo 202.032	0.732193	ug/L	0.339410	46.4	14.6848
Na 330.237	37.4711uv	ug/L	63.2980	168.9	16.6679
Ni 216.555	5.00597	ug/L	0.246088	4.9	47.3132
Pb 220.353	-1.49782uv	ug/L	0.028478	1.9	-2.54645
Sb 217.582	0.003374uv	ug/L	1.01689	30141.2	4.71851
Se 196.026	0.346014uv	ug/L	1.45257	419.8	2.42848
Si 251.611	-6.73288uv	ug/L	0.201798	3.0	39.7872
Si 288.158	-6.36449uv	ug/L	0.022679	0.4	418.106
Sn 283.998	2.11511	ug/L	0.733026	34.7	16.9552
Sr 421.552	0.599594	ug/L	0.001769	0.3	1455.64
Ti 336.122	1.50454	ug/L	0.073797	4.9	433.310
Tl 190.794	1.56463	ug/L	1.73217	110.7	2.93430
V 292.401	2.20856	ug/L	0.015462	0.7	96.8848
Zn 202.548	-0.641578uv	ug/L	1.63862	255.4	49.9412
Zr 339.198	0.635077	ug/L	0.005697	0.9	40.2519

icsab (Samp) **9/28/2009, 3:02:54 PM** **Rack 1, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	608.825	ug/L	0.893465	0.1	5106.00
Al 237.312	113519	ug/L	121.396	0.1	431405
As 188.980	1982.35	ug/L	0.223388	0.0	2060.52
B 249.678	4.50795	ug/L	0.276928	6.1	149.143
Ba 493.408	588.437	ug/L	0.289377	0.0	1442020
Be 313.042	190.465	ug/L	0.125407	0.1	627363
Ca 373.690	105393	ug/L	946.148	0.9	465829
Cd 214.439	576.716	ug/L	1.31745	0.2	22073.3
Co 228.615	576.323	ug/L	0.217820	0.0	4978.46
Cr 267.716	571.051	ug/L	0.406034	0.1	26725.6
Cu 327.395	594.850	ug/L	4.32136	0.7	40516.9
Fe 273.955	43944.0	ug/L	29.0356	0.1	573389
K 404.721	42884.6	ug/L	36.0680	0.1	632.961
Li 610.365	0.910901	ug/L	0.032850	3.6	65.7559
Mg 279.078	108251	ug/L	108.127	0.1	432926
Mn 257.610	384.317	ug/L	0.125591	0.0	113717
Mo 202.032	0.324421	ug/L	0.086864	26.8	11.0106
Na 330.237	-88.2236uv	ug/L	22.8029	25.8	0.345215
Ni 216.555	576.879	ug/L	1.23269	0.2	4999.03
Pb 220.353	1884.53	ug/L	6.53988	0.3	9275.25
Sb 217.582	942.543	ug/L	2.68954	0.3	1859.09
Se 196.026	980.183	ug/L	2.29857	0.2	540.096
Si 251.611	-6.96194uv	ug/L	0.377952	5.4	38.5845
Si 288.158	-5.50952uv	ug/L	0.256531	4.7	428.284
Sn 283.998	246.527	ug/L	1.29558	0.5	1111.24
Sr 421.552	0.623628	ug/L	0.001480	0.2	1513.00
Ti 336.122	1.58865	ug/L	0.079394	5.0	453.258
Tl 190.794	1880.22	ug/L	5.30822	0.3	1511.27
V 292.401	589.703	ug/L	0.110701	0.0	22070.2
Zn 202.548	558.773	ug/L	2.91496	0.5	13289.3
Zr 339.198	1.58871	ug/L	0.105678	6.7	93.2495

CCV (CCV) **9/28/2009, 3:26:02 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	988.037	ug/L	0.201765	0.0	8282.90	98.80373
Al 237.312	4948.05	ug/L	6.76378	0.1	21605.9	98.96105
As 188.980	982.063	ug/L	5.72492	0.6	1021.49	98.20634
B 249.678	1010.82	ug/L	13.8094	1.4	28632.1	101.08220
Ba 493.408	992.068	ug/L	1.22440	0.1	2431063	99.20680
Be 313.042	992.676	ug/L	0.813017	0.1	3269631	99.26756
Ca 373.690	19801.7	ug/L	26.7900	0.1	94171.9	99.00845
Cd 214.439	987.935	ug/L	0.644355	0.1	37809.2	98.79353
Co 228.615	988.585	ug/L	1.13494	0.1	8533.37	98.85854
Cr 267.716	986.302	ug/L	0.965971	0.1	46146.6	98.63017
Cu 327.395	979.548	ug/L	0.750912	0.1	66678.5	97.95482
Fe 273.955	4945.86	ug/L	1.43631	0.0	77754.6	98.91726
K 404.721	20475.5	ug/L	59.8417	0.3	282.639	102.37750
Li 610.365	4956.79	ug/L	7.44465	0.2	362186	99.13575
Mg 279.078	19741.0	ug/L	31.5740	0.2	84785.3	98.70512
Mn 257.610	987.632	ug/L	1.29993	0.1	292154	98.76319
Mo 202.032	985.975	ug/L	2.86490	0.3	8892.05	98.59747
Na 330.237	19759.4	ug/L	4.47328	0.0	2678.15	98.79688
Ni 216.555	983.830	ug/L	1.27688	0.1	8522.72	98.38302
Pb 220.353	985.675	ug/L	0.559807	0.1	4853.59	98.56749
Sb 217.582	993.407	ug/L	1.26165	0.1	1959.16	99.34068
Se 196.026	987.828	ug/L	1.32060	0.1	544.292	98.78284
Si 251.611	1000.12	ug/L	9.84231	1.0	5326.67	100.01160
Si 288.158	993.388	ug/L	8.72429	0.9	12320.4	99.33884
Sn 283.998	983.824	ug/L	0.116657	0.0	4412.30	98.38242
Sr 421.552	991.115	ug/L	1.18750	0.1	2365420	99.11147
Ti 336.122	987.536	ug/L	5.60053	0.6	234271	98.75356
Tl 190.794	981.197	ug/L	3.31491	0.3	789.462	98.11969
V 292.401	993.628	ug/L	0.721263	0.1	37177.6	99.36279
Zn 202.548	981.949	ug/L	0.172202	0.0	23304.4	98.19493
Zr 339.198	1001.82	ug/L	0.020846	0.0	55680.7	100.18220

CCB (CCB) **9/28/2009, 3:28:55 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.299245uv	ug/L	0.060470	20.2	3.00665	-0.29925
Al 237.312	0.946048	ug/L	0.483036	51.1	8.04193	0.94605
As 188.980	2.68350	ug/L	1.00116	37.3	4.18240	2.68350
B 249.678	31.4103	ug/L	4.84632	15.4	910.594	31.41029
Ba 493.408	0.076424	ug/L	0.003806	5.0	325.162	0.07642
Be 313.042	0.079175	ug/L	0.001278	1.6	283.427	0.07918
Ca 373.690	2.53284	ug/L	0.027578	1.1	30.9082	2.53284
Cd 214.439	0.057463	ug/L	0.015838	27.6	6.64929	0.05746
Co 228.615	0.169065uv	ug/L	0.302934	179.2	10.3205	0.16907
Cr 267.716	0.185130	ug/L	0.017365	9.4	26.5819	0.18513
Cu 327.395	0.135894	ug/L	0.072272	53.2	72.9661	0.13589
Fe 273.955	3.03398	ug/L	0.526305	17.3	86.5175	3.03398
K 404.721	212.008uv	ug/L	457.078	215.6	12.7327	212.00751
Li 610.365	-0.221123uv	ug/L	0.032302	14.6	-16.9600	-0.22112
Mg 279.078	2.79215	ug/L	0.061301	2.2	19.1695	2.79215

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	0.076855	ug/L	0.007981	10.4	73.1331	0.07685
Mo 202.032	10.7903	ug/L	2.40478	22.3	105.312	10.79030
Na 330.237	-26.1095uv	ug/L	36.4405	139.6	8.41089	-26.10949
Ni 216.555	0.052881uv	ug/L	0.148556	280.9	4.42552	0.05288
Pb 220.353	0.240388	ug/L	0.142726	59.4	6.00421	0.24039
Sb 217.582	-0.152260uv	ug/L	0.358651	235.6	4.41231	-0.15226
Se 196.026	1.79989	ug/L	1.07218	59.6	3.22627	1.79989
Si 251.611	1.42391	ug/L	0.784728	55.1	82.6179	1.42391
Si 288.158	1.43334	ug/L	0.725947	50.6	510.941	1.43334
Sn 283.998	2.21828	ug/L	0.012647	0.6	17.4171	2.21828
Sr 421.552	0.079991	ug/L	0.005066	6.3	215.557	0.07999
Ti 336.122	0.316145	ug/L	0.154765	49.0	151.482	0.31614
Tl 190.794	2.80589	ug/L	0.417470	14.9	3.93089	2.80589
V 292.401	0.332795	ug/L	0.106126	31.9	26.7281	0.33279
Zn 202.548	-0.767795uv	ug/L	0.052394	6.8	46.9541	-0.76779
Zr 339.198	0.673851	ug/L	0.114868	17.0	42.4068	0.67385

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Blank (Blk) **9/28/2009, 10:00:41 AM** **Rack 0, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	0.000000	ug/L	2.921	53.0	5.51361
Al 237.312	0.000000	ug/L	2.586	67.2	3.84479
As 188.980	0.000000	ug/L	0.229	16.4	1.39498
B 249.678	0.000000	ug/L	4.716	21.9	21.5488
Ba 493.408	0.000000	ug/L	5.196	3.8	137.896
Be 313.042	0.000000	ug/L	0.411	1.8	22.6459
Ca 373.690	0.000000	ug/L	2.540	13.6	18.6681
Cd 214.439	0.000000	ug/L	1.371	30.8	4.45039
Co 228.615	0.000000	ug/L	0.481	5.4	8.86267
Cr 267.716	0.000000	ug/L	3.603	20.1	17.9234
Cu 327.395	0.000000	ug/L	7.341	11.5	63.7245
Fe 273.955	0.000000	ug/L	0.869	2.3	37.5460
K 404.721	0.000000	ug/L	4.240	41.8	10.1387
Li 610.365	0.000000	ug/L	3.607	449.4	-0.802734
Mg 279.078	0.000000	ug/L	0.188	2.7	6.99335
Mn 257.610	0.000000	ug/L	2.095	4.2	50.4024
Mo 202.032	0.000000	ug/L	2.151	26.6	8.08748
Na 330.237	0.000000	ug/L	2.577	21.8	11.8013
Ni 216.555	0.000000	ug/L	0.583	14.7	3.96764
Pb 220.353	0.000000	ug/L	1.937	40.2	4.82169
Sb 217.582	0.000000	ug/L	0.288	6.1	4.71187
Se 196.026	0.000000	ug/L	0.151	6.7	2.23861
Si 251.611	0.000000	ug/L	3.563	4.7	75.1411
Si 288.158	0.000000	ug/L	7.519	1.5	493.876
Sn 283.998	0.000000	ug/L	1.466	19.6	7.48535
Sr 421.552	0.000000	ug/L	3.285	13.3	24.6504
Ti 336.122	0.000000	ug/L	48.719	63.7	76.5085
Tl 190.794	0.000000	ug/L	0.358	21.3	1.67809
V 292.401	0.000000	ug/L	1.304	9.1	14.2810
Zn 202.548	0.000000	ug/L	1.037	1.6	65.1251
Zr 339.198	0.000000	ug/L	2.269	45.8	4.95789

Standard 1 (Std) **9/28/2009, 10:03:35 AM** **Rack 0, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 338.289	1000.00	ug/L	9.490	0.1	8383.12
Al 237.312	5000.00	ug/L	13.088	0.1	21828.9
As 188.980	1000.00	ug/L	1.420	0.1	1040.12
B 249.678	1000.00	ug/L	449.982	1.6	28325.8
Ba 493.408	1000.00	ug/L	3077.506	0.1	2450499
Be 313.042	1000.00	ug/L	4946.389	0.2	3293756
Ca 373.690	20000.0	ug/L	125.705	0.1	95099.3
Cd 214.439	1000.00	ug/L	74.898	0.2	38270.9
Co 228.615	1000.00	ug/L	8.362	0.1	8631.80
Cr 267.716	1000.00	ug/L	56.803	0.1	46787.3
Cu 327.395	1000.00	ug/L	82.306	0.1	68069.3
Fe 273.955	5000.00	ug/L	103.354	0.1	78581.9
K 404.721	20000.0	ug/L	4.998	1.8	275.795
Li 610.365	5000.00	ug/L	96.321	0.0	365344
Mg 279.078	20000.0	ug/L	118.866	0.1	85880.0
Mn 257.610	1000.00	ug/L	426.363	0.1	295812
Mo 202.032	1000.00	ug/L	38.750	0.4	9018.43
Na 330.237	20000.0	ug/L	5.811	0.2	2711.86

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ni 216.555	1000.00	ug/L	22.754	0.3	8662.73
Pb 220.353	1000.00	ug/L	3.677	0.1	4924.06
Sb 217.582	1000.00	ug/L	3.271	0.2	1972.14
Se 196.026	1000.00	ug/L	0.517	0.1	550.971
Si 251.611	1000.00	ug/L	84.715	1.6	5326.06
Si 288.158	1000.00	ug/L	187.606	1.5	12399.1
Sn 283.998	1000.00	ug/L	0.187	0.0	4484.73
Sr 421.552	1000.00	ug/L	1944.720	0.1	2386625
Ti 336.122	1000.00	ug/L	214.983	0.1	237227
Tl 190.794	1000.00	ug/L	0.199	0.0	804.558
V 292.401	1000.00	ug/L	36.960	0.1	37416.0
Zn 202.548	1000.00	ug/L	34.134	0.1	23731.6
Zr 339.198	1000.00	ug/L	298.272	0.5	55579.5

Standard 2 (Std) **9/28/2009, 10:06:28 AM** **Rack 0, Tube 3**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Al 237.312	25000.0	ug/L	115.988	0.1	101980
Ca 373.690	100000	ug/L	862.648	0.2	444002
Fe 273.955	25000.0	ug/L	542.992	0.2	349521
K 404.721	100000	ug/L	8.475	0.5	1772.04
Mg 279.078	100000	ug/L	718.465	0.2	402490
Na 330.237	100000	ug/L	31.227	0.2	15572.2

RB (ICV) **9/28/2009, 10:09:21 AM** **Rack 0, Tube 4**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.369150	ug/L	0.249236	67.5	8.60620	-
Al 237.312	0.432480	ug/L	0.467820	108.2	5.76349	-
As 188.980	4.08266	ug/L	1.59692	39.1	5.63576	-
B 249.678	8.88986	ug/L	0.805540	9.1	273.170	-
Ba 493.408	0.166072	ug/L	0.072238	43.5	544.832	-
Be 313.042	0.147955	ug/L	0.072784	49.2	509.971	-
Ca 373.690	2.22790	ug/L	1.04918	47.1	29.4346	-
Cd 214.439	0.142075	ug/L	0.133077	93.7	9.88708	-
Co 228.615	0.217226	ug/L	0.114729	52.8	10.7358	-
Cr 267.716	0.171927	ug/L	0.081844	47.6	25.9644	-
Cu 327.395	0.193011	ug/L	0.239032	123.8	76.8503	-
Fe 273.955	2.76681	ug/L	1.11646	40.4	82.2051	-
K 404.721	304.924	ug/L	115.533	37.9	13.8638	-
Li 610.365	-0.199659uv	ug/L	0.051959	26.0	-15.3916	-
Mg 279.078	3.49556	ug/L	0.439181	12.6	22.2369	-
Mn 257.610	0.083963	ug/L	0.064811	77.2	75.2355	-
Mo 202.032	2.32046	ug/L	0.871260	37.5	28.9956	-
Na 330.237	-14.3804uv	ug/L	36.8325	256.1	9.93396	-
Ni 216.555	0.205031	ug/L	0.014290	7.0	5.74295	-
Pb 220.353	0.053594	ug/L	0.072538	135.3	5.08533	-
Sb 217.582	-0.652776uv	ug/L	1.07351	164.5	3.42758	-
Se 196.026	7.86599	ug/L	1.11731	14.2	6.55493	-
Si 251.611	-3.18566uv	ug/L	1.16997	36.7	58.4134	-
Si 288.158	-1.89612uv	ug/L	1.48433	78.3	471.303	-
Sn 283.998	0.662762	ug/L	0.103393	15.6	10.4527	-
Sr 421.552	0.161210	ug/L	0.078722	48.8	409.394	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ti 336.122	-0.079219uv	ug/L	0.043301	54.7	57.7218	-
Tl 190.794	2.59956	ug/L	0.006840	0.3	3.76522	-
V 292.401	0.375909	ug/L	0.123259	32.8	28.3406	-
Zn 202.548	-0.650894uv	ug/L	0.084738	13.0	49.7207	-
Zr 339.198	0.277530	ug/L	0.070060	25.2	20.3815	-

IPC (ICV) **9/28/2009, 10:12:14 AM** **Rack 0, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	997.169	ug/L	1.31331	0.1	8359.40	99.71690
Al 237.312	4986.28	ug/L	12.8892	0.3	21770.0	99.72565
As 188.980	1000.30	ug/L	1.60916	0.2	1040.44	100.03030
B 249.678	1003.98	ug/L	14.2600	1.4	28438.5	100.39810
Ba 493.408	997.908	ug/L	1.96077	0.2	2445374	99.79083
Be 313.042	997.765	ug/L	1.30571	0.1	3286393	99.77647
Ca 373.690	19898.9	ug/L	32.8045	0.2	94626.5	99.49449
Cd 214.439	995.993	ug/L	2.02624	0.2	38117.6	99.59927
Co 228.615	995.672	ug/L	1.20002	0.1	8594.48	99.56721
Cr 267.716	996.532	ug/L	2.19598	0.2	46625.1	99.65325
Cu 327.395	990.054	ug/L	6.87832	0.7	67392.9	99.00539
Fe 273.955	4981.74	ug/L	11.3948	0.2	78302.9	99.63479
K 404.721	20064.1	ug/L	169.297	0.8	276.716	100.32020
Li 610.365	4977.57	ug/L	7.29894	0.1	363705	99.55145
Mg 279.078	19941.9	ug/L	47.2256	0.2	85634.4	99.70940
Mn 257.610	996.138	ug/L	2.18265	0.2	294670	99.61377
Mo 202.032	1000.49	ug/L	5.23589	0.5	9022.87	100.04940
Na 330.237	19916.6	ug/L	46.8997	0.2	2700.18	99.58318
Ni 216.555	992.925	ug/L	2.31704	0.2	8601.47	99.29246
Pb 220.353	997.505	ug/L	2.33090	0.2	4911.78	99.75047
Sb 217.582	1000.46	ug/L	3.11599	0.3	1973.05	100.04640
Se 196.026	1005.64	ug/L	11.3338	1.1	554.065	100.56390
Si 251.611	993.330	ug/L	15.7671	1.6	5291.04	99.33305
Si 288.158	994.731	ug/L	16.6916	1.7	12336.4	99.47311
Sn 283.998	996.941	ug/L	1.88412	0.2	4471.03	99.69413
Sr 421.552	997.619	ug/L	2.20086	0.2	2380942	99.76186
Ti 336.122	996.919	ug/L	5.25816	0.5	236496	99.69187
Tl 190.794	994.695	ug/L	4.40820	0.4	800.299	99.46946
V 292.401	996.545	ug/L	2.08679	0.2	37286.8	99.65453
Zn 202.548	995.318	ug/L	2.88017	0.3	23620.8	99.53178
Zr 339.198	1018.15	ug/L	1.69366	0.2	56588.1	101.81500

ICV (ICV) **9/28/2009, 10:15:08 AM** **Rack 0, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	1004.70	ug/L	0.453767	0.0	8422.46	100.46970
Al 237.312	1004.86	ug/L	1.51507	0.2	4447.48	100.48580
As 188.980	995.133	ug/L	1.49885	0.2	1035.07	99.51328
B 249.678	1006.65	ug/L	6.25140	0.6	28513.9	100.66450
Ba 493.408	1006.30	ug/L	1.51753	0.2	2465943	100.63030
Be 313.042	1008.67	ug/L	1.87868	0.2	3322329	100.86750
Ca 373.690	10077.3	ug/L	13.3087	0.1	48319.3	100.77330

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Cd 214.439	1010.09	ug/L	1.57610	0.2	38656.8	101.00850
Co 228.615	1011.96	ug/L	1.02609	0.1	8734.93	101.19600
Cr 267.716	997.402	ug/L	1.56406	0.2	46665.7	99.74017
Cu 327.395	990.156	ug/L	4.89459	0.5	67399.9	99.01556
Fe 273.955	975.754	ug/L	1.88032	0.2	15705.1	97.57539
K 404.721	9371.12	ug/L	405.892	4.3	129.219	93.71118
Li 610.365	10086.2	ug/L	12.6899	0.1	736988	100.86210
Mg 279.078	9966.96	ug/L	20.0538	0.2	43137.7	99.66961
Mn 257.610	1007.92	ug/L	1.51676	0.2	298153	100.79150
Mo 202.032	999.421	ug/L	4.18295	0.4	9013.21	99.94210
Na 330.237	9283.83	ug/L	35.3374	0.4	1239.53	92.83827
Ni 216.555	1012.62	ug/L	3.92146	0.4	8772.03	101.26230
Pb 220.353	1013.71	ug/L	0.768262	0.1	4991.49	101.37080
Sb 217.582	973.353	ug/L	4.66201	0.5	1919.71	97.33529
Se 196.026	1013.96	ug/L	0.337326	0.0	558.632	101.39620
Si 251.611	610.710	ug/L	43.0951	7.1	3281.94	122.14210Q
Si 288.158	610.747	ug/L	41.9146	6.9	7764.95	122.14940Q
Sn 283.998	1002.30	ug/L	1.11936	0.1	4495.01	100.22960
Sr 421.552	1000.44	ug/L	1.40144	0.1	2387666	100.04360
Ti 336.122	983.880	ug/L	0.591788	0.1	233404	98.38802
Tl 190.794	1006.98	ug/L	2.85795	0.3	810.160	100.69770
V 292.401	1007.47	ug/L	1.53363	0.2	37695.5	100.74740
Zn 202.548	1012.24	ug/L	0.957469	0.1	24021.3	101.22420
Zr 339.198	1037.63	ug/L	3.52742	0.3	57670.5	103.76260

ICB (ICB) **9/28/2009, 10:18:01 AM** **Rack 0, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.126899uv	ug/L	0.418426	329.7	6.57672	0.12690
Al 237.312	0.482434	ug/L	0.526908	109.2	5.98511	0.48243
As 188.980	1.99906	ug/L	0.706457	35.3	3.47146	1.99906
B 249.678	34.6820	ug/L	4.77769	13.8	1003.20	34.68205
Ba 493.408	0.043704	ug/L	0.033971	77.7	244.987	0.04370
Be 313.042	0.048363	ug/L	0.028162	58.2	181.939	0.04836
Ca 373.690	-0.116410uv	ug/L	0.420869	361.5	18.1055	-0.11641
Cd 214.439	0.018722uv	ug/L	0.077383	413.3	5.16681	0.01872
Co 228.615	0.132044	ug/L	0.029995	22.7	10.0013	0.13204
Cr 267.716	0.047146	ug/L	0.030906	65.6	20.1284	0.04715
Cu 327.395	-0.026539uv	ug/L	0.028949	109.1	61.9197	-0.02654
Fe 273.955	0.307516	ug/L	0.161353	52.5	42.5097	0.30752
K 404.721	203.533	ug/L	22.2911	11.0	12.6238	203.53270
Li 610.365	-0.229917uv	ug/L	0.078269	34.0	-17.6025	-0.22992
Mg 279.078	0.837081	ug/L	0.701463	83.8	10.6437	0.83708
Mn 257.610	-0.027156uv	ug/L	0.035969	132.5	42.3706	-0.02716
Mo 202.032	12.1837	ug/L	2.10560	17.3	117.867	12.18369
Na 330.237	-21.1920uv	ug/L	1.87853	8.9	9.04944	-21.19199
Ni 216.555	-0.099388uv	ug/L	0.137304	138.1	3.10706	-0.09939
Pb 220.353	0.249011uv	ug/L	0.467025	187.6	6.04663	0.24901
Sb 217.582	3.62054	ug/L	1.22264	33.8	11.8350	3.62054
Se 196.026	1.93418	ug/L	0.130236	6.7	3.29996	1.93418
Si 251.611	-3.33770uv	ug/L	1.94930	58.4	57.6151	-3.33770
Si 288.158	-2.12476uv	ug/L	1.85657	87.4	468.581	-2.12476
Sn 283.998	0.335505uv	ug/L	0.636111	189.6	8.98749	0.33550

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sr 421.552	0.048257	ug/L	0.028683	59.4	139.822	0.04826
Ti 336.122	0.264848	ug/L	0.223981	84.6	139.317	0.26485
Tl 190.794	1.17501	ug/L	0.303068	25.8	2.62148	1.17501
V 292.401	0.002143uv	ug/L	0.047128	2199.5	14.3611	0.00214
Zn 202.548	-0.810422uv	ug/L	0.100057	12.3	45.9452	-0.81042
Zr 339.198	0.242779	ug/L	0.130249	53.6	18.4502	0.24278

CRI-RL (CRI) **9/28/2009, 10:20:55 AM** **Rack 0, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	2.77126	ug/L	0.185098	6.7	28.7302	55.42528R
Al 237.312	104.762	ug/L	0.718938	0.7	468.468	104.76230
As 188.980	10.3959	ug/L	0.635398	6.1	12.1934	103.95850
B 249.678	24.8915	ug/L	0.828428	3.3	726.083	248.91470R
Ba 493.408	11.2309	ug/L	0.033551	0.3	27657.7	112.30930
Be 313.042	1.01095	ug/L	0.005918	0.6	3352.45	101.09500
Ca 373.690	417.543	ug/L	1.80605	0.4	2035.80	104.38580
Cd 214.439	1.00162	ug/L	0.024494	2.4	42.7787	100.16170
Co 228.615	10.6303	ug/L	0.167342	1.6	100.527	106.30330
Cr 267.716	5.31996	ug/L	0.084784	1.6	266.735	106.39930
Cu 327.395	10.7439	ug/L	0.005932	0.1	794.368	107.43870
Fe 273.955	103.727	ug/L	0.331753	0.3	1710.90	103.72690
K 404.721	3924.62	ug/L	255.664	6.5	58.8508	98.11545
Li 610.365	81.4475	ug/L	0.254424	0.3	5950.48	-R
Mg 279.078	426.197	ug/L	0.093503	0.0	1864.97	106.54930
Mn 257.610	10.7611	ug/L	0.000750	0.0	3233.12	107.61100
Mo 202.032	13.0961	ug/L	1.21827	9.3	126.088	130.96080R
Na 330.237	1878.04	ug/L	41.9272	2.2	256.577	93.90173
Ni 216.555	10.6029	ug/L	0.052221	0.5	95.7759	106.02930
Pb 220.353	5.85691	ug/L	0.409270	7.0	33.6332	117.13830
Sb 217.582	10.0906	ug/L	0.299982	3.0	24.5644	100.90650
Se 196.026	10.6821	ug/L	1.67932	15.7	8.10025	106.82150
Si 251.611	92.9400	ug/L	1.75314	1.9	563.162	92.93996
Si 288.158	96.2566	ug/L	2.38242	2.5	1639.83	96.25664
Sn 283.998	31.5973	ug/L	1.50540	4.8	148.954	63.19469R
Sr 421.552	22.2574	ug/L	0.061145	0.3	53144.2	111.28710
Ti 336.122	10.4341	ug/L	0.032380	0.3	2550.95	104.34060
Tl 190.794	11.8456	ug/L	3.37912	28.5	11.1887	118.45560
V 292.401	10.3841	ug/L	0.037857	0.4	402.665	103.84150
Zn 202.548	51.5542	ug/L	0.215541	0.4	1285.23	103.10850
Zr 339.198	10.0251	ug/L	0.039857	0.4	562.099	-R

CRI2-MCP (CRI) **9/28/2009, 10:23:50 AM** **Rack 0, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	6.81969	ug/L	0.365478	5.4	62.6462	97.42410
Al 237.312	0.341735	ug/L	0.137262	40.2	5.36090	-
As 188.980	50.4706	ug/L	0.918442	1.8	53.8202	100.94120
B 249.678	9.40891	ug/L	0.446175	4.7	287.861	-
Ba 493.408	2139.90	ug/L	3.18819	0.1	5243667	106.99500
Be 313.042	4.14339	ug/L	0.003266	0.1	13669.9	103.58480

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ca 373.690	10.2288	ug/L	0.061087	0.6	68.0994	-
Cd 214.439	5.17616	ug/L	0.010841	0.2	202.524	103.52320
Co 228.615	-0.018219uv	ug/L	0.185037	1015.6	8.70557	-
Cr 267.716	107.017	ug/L	0.036383	0.0	5023.02	107.01670
Cu 327.395	0.160570	ug/L	0.018275	11.4	74.6442	-
Fe 273.955	-0.827979uv	ug/L	0.004631	0.6	24.1814	-
K 404.721	-93.7639uv	ug/L	461.996	492.7	8.99634	-
Li 610.365	-0.088797uv	ug/L	0.072390	81.5	-7.29102	-
Mg 279.078	0.375698	ug/L	0.034362	9.1	8.63171	-
Mn 257.610	-0.000023uv	ug/L	0.000410	1750.6	50.3955	-
Mo 202.032	1.61860	ug/L	0.433121	26.8	22.6716	-
Na 330.237	24.2582	ug/L	8.47581	34.9	14.9514	-
Ni 216.555	109.584	ug/L	0.377177	0.3	952.830	109.58410
Pb 220.353	16.2109	ug/L	0.429124	2.6	84.5671	108.07290
Sb 217.582	5.94982	ug/L	0.417649	7.0	16.4177	99.16373
Se 196.026	48.6687	ug/L	1.03286	2.1	28.9447	97.33733
Si 251.611	-3.97875uv	ug/L	1.72670	43.4	54.2490	-
Si 288.158	-3.11642uv	ug/L	1.59213	51.1	456.775	-
Sn 283.998	47.6473	ug/L	1.14891	2.4	220.814	-
Sr 421.552	0.010987	ug/L	0.001208	11.0	50.8716	-
Ti 336.122	-0.129871uv	ug/L	0.075488	58.1	45.7095	-
Tl 190.794	2.39571	ug/L	0.578855	24.2	3.60156	119.78530
V 292.401	51.7313	ug/L	0.095806	0.2	1949.12	103.46250
Zn 202.548	947.731	ug/L	0.316998	0.0	22494.6	105.30340
Zr 339.198	0.064354	ug/L	0.008601	13.4	8.53430	-

Interf Check A (ICSA) **9/28/2009, 10:26:44 AM** **Rack 0, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	0.335607	ug/L	0.457053	136.2	8.32520	0.33561
Al 237.312	115499	ug/L	466.602	0.4	4387765	499.29688K
As 188.980	0.412499	ug/L	0.567729	137.6	1.82346	0.41250
B 249.678	6.76933	ug/L	0.328827	4.9	213.150	6.76933
Ba 493.408	0.542925	ug/L	0.070304	12.9	1468.26	0.54293
Be 313.042	0.007970	ug/L	0.000110	1.4	48.8979	0.00797
Ca 373.690	105988	ug/L	201.017	0.2	4682375	988.29688K
Cd 214.439	0.649722	ug/L	0.077400	11.9	29.3130	0.64972
Co 228.615	1.52497	ug/L	0.147354	9.7	22.0124	1.52497
Cr 267.716	0.356719	ug/L	0.014669	4.1	34.6069	0.35672
Cu 327.395	0.557620	ug/L	0.023390	4.2	101.646	0.55762
Fe 273.955	44700.8	ug/L	126.981	0.3	5823334	700.82031K
K 404.721	1776.12	ug/L	543.536	30.6	31.9841	1776.11804
Li 610.365	0.934143	ug/L	0.013325	1.4	67.4541	0.93414
Mg 279.078	111467	ug/L	352.962	0.3	4447891	466.89844K
Mn 257.610	3.25995	ug/L	0.004650	0.1	1014.57	3.25995
Mo 202.032	0.510807	ug/L	0.458705	89.8	12.6900	0.51081
Na 330.237	81.6948	ug/L	2.48661	3.0	22.4112	81.69477
Ni 216.555	5.31132	ug/L	0.046788	0.9	49.9571	5.31132
Pb 220.353	-1.18214uv	ug/L	0.006808	0.6	-0.993530	-1.18214
Sb 217.582	-0.596469uv	ug/L	0.235488	39.5	3.53836	-0.59647
Se 196.026	-1.41263uv	ug/L	0.020174	1.4	1.46345	-1.41263
Si 251.611	-7.07596uv	ug/L	1.32313	18.7	37.9857	-7.07596
Si 288.158	-5.60582uv	ug/L	0.752744	13.4	427.138	-5.60582

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sn 283.998	2.59979	ug/L	1.83027	70.4	19.1252	2.59979
Sr 421.552	0.595840	ug/L	0.002377	0.4	1446.68	0.59584
Ti 336.122	1.50929	ug/L	0.019691	1.3	434.439	1.50929
Tl 190.794	1.70363	ug/L	0.879772	51.6	3.04590	1.70363
V 292.401	2.04383	ug/L	0.138313	6.8	90.7236	2.04383
Zn 202.548	-1.01169uv	ug/L	2.44430	241.6	41.1818	-1.01169
Zr 339.198	0.590189	ug/L	0.035214	6.0	37.7573	0.59019

Interf Check AB (ICSAB) **9/28/2009, 10:29:39 AM** **Rack 0, Tube 11**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	613.580	ug/L	0.592521	0.1	5145.85	102.26330
Al 237.312	114152	ug/L	180.152	0.2	433763	114.15210
As 188.980	1993.70	ug/L	2.90611	0.1	2072.30	99.68488
B 249.678	4.49207	ug/L	0.869106	19.3	148.693	-
Ba 493.408	591.265	ug/L	0.265597	0.0	1448951	98.54419
Be 313.042	191.274	ug/L	0.260601	0.1	630027	95.63683
Ca 373.690	107384	ug/L	77.9806	0.1	473886	107.38420
Cd 214.439	577.328	ug/L	0.466369	0.1	22096.8	96.22141
Co 228.615	579.285	ug/L	0.331197	0.1	5004.00	96.54743
Cr 267.716	574.481	ug/L	0.742367	0.1	26886.0	95.74679
Cu 327.395	598.551	ug/L	4.27311	0.7	40768.5	99.75849
Fe 273.955	44095.7	ug/L	35.7255	0.1	575182	110.23930
K 404.721	43081.1	ug/L	142.477	0.3	636.276	107.70290
Li 610.365	0.863523	ug/L	0.231782	26.8	62.2939	-
Mg 279.078	108747	ug/L	56.7287	0.1	434754	108.74650
Mn 257.610	386.641	ug/L	0.342030	0.1	114404	96.66020
Mo 202.032	0.467933	ug/L	0.031038	6.6	12.3037	-
Na 330.237	-14.7408uv	ug/L	51.5159	349.5	9.88721	-
Ni 216.555	580.565	ug/L	1.09855	0.2	5030.94	96.76083
Pb 220.353	1891.33	ug/L	0.136121	0.0	9308.72	94.56651
Sb 217.582	945.658	ug/L	3.21150	0.3	1865.22	94.56576
Se 196.026	982.183	ug/L	2.52895	0.3	541.194	98.21831
Si 251.611	-7.76116uv	ug/L	1.44789	18.7	34.3878	-
Si 288.158	-4.30344uv	ug/L	0.613915	14.3	442.643	-
Sn 283.998	251.778	ug/L	0.641420	0.3	1134.76	-
Sr 421.552	0.624932	ug/L	0.001938	0.3	1516.11	-
Ti 336.122	1.48783	ug/L	0.039608	2.7	429.349	-
Tl 190.794	1895.82	ug/L	6.75342	0.4	1523.80	94.79118
V 292.401	590.720	ug/L	1.14012	0.2	22108.2	98.45337
Zn 202.548	559.102	ug/L	3.08172	0.6	13297.1	93.18369
Zr 339.198	0.952001	ug/L	0.108775	11.4	57.8649	-

RB (ICSAB) **9/28/2009, 10:32:33 AM** **Rack 4, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.380828uv	ug/L	0.165646	43.5	2.32318	-
Al 237.312	1.19035	ug/L	0.188510	15.8	9.12579	-
As 188.980	2.59082	ug/L	0.106101	4.1	4.08614	-
B 249.678	3.07652	ug/L	0.061178	2.0	108.627	-
Ba 493.408	-0.005953uv	ug/L	0.001729	29.0	123.309	-

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Be 313.042	0.007296	ug/L	0.001406	19.3	46.6785	-
Ca 373.690	0.322468uv	ug/L	1.25566	389.4	20.2264	-
Cd 214.439	0.010838	ug/L	0.000736	6.8	4.86513	-
Co 228.615	0.088320uv	ug/L	0.140620	159.2	9.62425	-
Cr 267.716	-0.035286uv	ug/L	0.051508	146.0	16.2731	-
Cu 327.395	-0.040817uv	ug/L	0.088960	218.0	60.9487	-
Fe 273.955	4.73647	ug/L	1.36373	28.8	113.997	-
K 404.721	-117.259uv	ug/L	259.854	221.6	8.70837	-
Li 610.365	-0.173624uv	ug/L	0.043680	25.2	-13.4893	-
Mg 279.078	1.54376	ug/L	0.274814	17.8	13.7255	-
Mn 257.610	-0.060274uv	ug/L	0.004448	7.4	32.5757	-
Mo 202.032	0.153875	ug/L	0.180345	117.2	9.47395	-
Na 330.237	-37.5539uv	ug/L	22.1913	59.1	6.92481	-
Ni 216.555	0.152959	ug/L	0.182061	119.0	5.29207	-
Pb 220.353	0.221132	ug/L	0.259587	117.4	5.90948	-
Sb 217.582	1.11600uv	ug/L	2.03894	182.7	6.90752	-
Se 196.026	1.62022uv	ug/L	3.21713	198.6	3.12768	-
Si 251.611	-4.00056uv	ug/L	1.43005	35.7	54.1344	-
Si 288.158	-2.81354uv	ug/L	1.43381	51.0	460.380	-
Sn 283.998	0.483593	ug/L	0.191672	39.6	9.65051	-
Sr 421.552	-0.002221uv	ug/L	0.001903	85.7	19.3498	-
Ti 336.122	-0.173881uv	ug/L	0.008123	4.7	35.2726	-
Tl 190.794	3.51124	ug/L	0.663726	18.9	4.49720	-
V 292.401	-0.059131uv	ug/L	0.059586	100.8	12.0694	-
Zn 202.548	-0.872814uv	ug/L	0.030291	3.5	44.4686	-
Zr 339.198	-0.025414uv	ug/L	0.010847	42.7	3.54553	-

CCV (CCV) **9/28/2009, 10:35:28 AM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	995.382	ug/L	1.03757	0.1	8344.43	99.53816
Al 237.312	4982.18	ug/L	5.17590	0.1	21752.4	99.64352
As 188.980	997.413	ug/L	2.63762	0.3	1037.44	99.74127
B 249.678	998.266	ug/L	16.9925	1.7	28276.7	99.82658
Ba 493.408	995.272	ug/L	0.663301	0.1	2438914	99.52720
Be 313.042	993.645	ug/L	0.071729	0.0	3272823	99.36446
Ca 373.690	19822.0	ug/L	4.28407	0.0	94266.8	99.10989
Cd 214.439	990.652	ug/L	2.63180	0.3	37913.2	99.06519
Co 228.615	992.525	ug/L	1.66993	0.2	8567.34	99.25248
Cr 267.716	992.205	ug/L	0.680737	0.1	46422.7	99.22048
Cu 327.395	991.257	ug/L	2.31838	0.2	67474.8	99.12573
Fe 273.955	4958.40	ug/L	6.65744	0.1	77946.2	99.16792
K 404.721	19889.9	ug/L	79.3714	0.4	274.215	99.44973
Li 610.365	4955.52	ug/L	0.314193	0.0	362094	99.11035
Mg 279.078	19853.9	ug/L	39.6159	0.2	85262.6	99.26959
Mn 257.610	993.037	ug/L	1.13869	0.1	293753	99.30374
Mo 202.032	995.517	ug/L	6.27890	0.6	8978.03	99.55168
Na 330.237	19875.0	ug/L	18.1003	0.1	2694.34	99.37495
Ni 216.555	990.790	ug/L	9.66303	1.0	8582.98	99.07902
Pb 220.353	993.079	ug/L	1.09454	0.1	4890.01	99.30788
Sb 217.582	1001.35	ug/L	2.29892	0.2	1974.79	100.13480
Se 196.026	1003.25	ug/L	9.00745	0.9	552.753	100.32480
Si 251.611	983.691	ug/L	13.8422	1.4	5240.42	98.36906

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Si 288.158	986.732	ug/L	12.4151	1.3	12241.1	98.67316
Sn 283.998	994.740	ug/L	1.15919	0.1	4461.18	99.47400
Sr 421.552	995.993	ug/L	0.434432	0.0	2377063	99.59933
Ti 336.122	993.899	ug/L	1.68965	0.2	235780	99.38991
Tl 190.794	996.555	ug/L	5.31927	0.5	801.792	99.65546
V 292.401	993.196	ug/L	0.532618	0.1	37161.5	99.31962
Zn 202.548	988.940	ug/L	3.92249	0.4	23469.9	98.89403
Zr 339.198	991.676	ug/L	2.14273	0.2	55116.8	99.16758

CCB (CCB) **9/28/2009, 10:38:21 AM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.266154uv	ug/L	0.200409	75.3	3.28387	-0.26615
Al 237.312	0.402268	ug/L	0.308086	76.6	5.62946	0.40227
As 188.980	2.41306	ug/L	0.124326	5.2	3.90150	2.41306
B 249.678	25.3230	ug/L	4.37969	17.3	738.297	25.32298
Ba 493.408	-0.005551uv	ug/L	0.010506	189.3	124.295	-0.00555
Be 313.042	0.012057	ug/L	0.001113	9.2	62.3591	0.01206
Ca 373.690	0.663817	ug/L	0.672108	101.2	21.8760	0.66382
Cd 214.439	-0.019835uv	ug/L	0.033275	167.8	3.69137	-0.01984
Co 228.615	0.015608uv	ug/L	0.424890	2722.3	8.99725	0.01561
Cr 267.716	-0.003818uv	ug/L	0.040551	1062.1	17.7449	-0.00382
Cu 327.395	0.009749uv	ug/L	0.023923	245.4	64.3875	0.00975
Fe 273.955	1.39739	ug/L	0.352464	25.2	60.1014	1.39739
K 404.721	19.9644uv	ug/L	578.877	2899.6	10.3872	19.96436
Li 610.365	-0.043142uv	ug/L	0.127770	296.2	-3.95508	-0.04314
Mg 279.078	0.639974	ug/L	0.087092	13.6	9.78418	0.63997
Mn 257.610	-0.037633uv	ug/L	0.000338	0.9	39.2721	-0.03763
Mo 202.032	10.4243	ug/L	1.78305	17.1	102.014	10.42433
Na 330.237	-7.56289uv	ug/L	18.5393	245.1	10.8192	-7.56289
Ni 216.555	-0.001794uv	ug/L	0.119672	6670.8	3.95210	-0.00179
Pb 220.353	0.320807	ug/L	0.387758	120.9	6.39981	0.32081
Sb 217.582	-0.466274uv	ug/L	0.043994	9.4	3.79451	-0.46627
Se 196.026	1.71818	ug/L	0.571636	33.3	3.18144	1.71818
Si 251.611	-3.58492uv	ug/L	0.968037	27.0	56.3169	-3.58492
Si 288.158	-2.63334uv	ug/L	1.09619	41.6	462.526	-2.63334
Sn 283.998	0.603598	ug/L	0.024465	4.1	10.1878	0.60360
Sr 421.552	0.012344	ug/L	0.000677	5.5	54.1096	0.01234
Ti 336.122	0.165455	ug/L	0.158822	96.0	115.746	0.16546
Tl 190.794	2.83273	ug/L	0.436567	15.4	3.95243	2.83273
V 292.401	-0.063201uv	ug/L	0.029930	47.4	11.9172	-0.06320
Zn 202.548	-0.703541uv	ug/L	0.012741	1.8	48.4747	-0.70354
Zr 339.198	0.633596	ug/L	0.224927	35.5	40.1697	0.63360

ICB RR (Samp) **9/28/2009, 10:41:15 AM** **Rack 1, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.302742uv	ug/L	0.146894	48.5	2.97736
Al 237.312	0.983853	ug/L	0.227422	23.1	8.20966
As 188.980	0.579516	ug/L	0.052342	9.0	1.99694
B 249.678	10.1166	ug/L	0.797511	7.9	307.892

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ba 493.408	-0.014794uv	ug/L	0.001410	9.5	101.646
Be 313.042	0.006222	ug/L	0.004647	74.7	43.1379
Ca 373.690	0.161221	ug/L	0.008734	5.4	19.4472
Cd 214.439	-0.080850uv	ug/L	0.037689	46.6	1.35657
Co 228.615	-0.018387uv	ug/L	0.028361	154.2	8.70412
Cr 267.716	0.055815	ug/L	0.052667	94.4	20.5339
Cu 327.395	-0.025191uv	ug/L	0.035699	141.7	62.0113
Fe 273.955	0.548682	ug/L	0.378927	69.1	46.4024
K 404.721	133.549uv	ug/L	366.017	274.1	11.7720
Li 610.365	-0.151719uv	ug/L	0.062713	41.3	-11.8887
Mg 279.078	3.03039	ug/L	0.881073	29.1	20.2084
Mn 257.610	-0.073310uv	ug/L	0.008289	11.3	28.7200
Mo 202.032	2.35987	ug/L	0.770300	32.6	29.3507
Na 330.237	-39.0702uv	ug/L	8.72258	22.3	6.72790
Ni 216.555	0.267631	ug/L	0.246240	92.0	6.28499
Pb 220.353	0.273442	ug/L	0.374361	136.9	6.16681
Sb 217.582	-0.344339uv	ug/L	1.00314	291.3	4.03441
Se 196.026	-1.16323uv	ug/L	3.46912	298.2	1.60031
Si 251.611	-3.31432uv	ug/L	1.54463	46.6	57.7378
Si 288.158	-1.82706uv	ug/L	1.36893	74.9	472.125
Sn 283.998	1.16304	ug/L	0.448102	38.5	12.6926
Sr 421.552	0.000521uv	ug/L	0.004348	834.8	25.8936
Ti 336.122	-0.064152uv	ug/L	0.089058	138.8	61.2948
Tl 190.794	1.61581	ug/L	1.16361	72.0	2.97539
V 292.401	-0.060482uv	ug/L	0.026025	43.0	12.0189
Zn 202.548	-0.835486uv	ug/L	0.041136	4.9	45.3521
Zr 339.198	0.261064	ug/L	0.058600	22.4	19.4664

ICVNa K Mg Ca 75ppm (Samp) 9/28/2009, 10:44:10 AM Rack 1, Tube 2

Weight: 1 Volume: 1 Dilution: 1

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.200986uv	ug/L	0.337247	167.8	7.19739
Al 237.312	4.44676	ug/L	1.18938	26.7	23.5726
As 188.980	1.24373	ug/L	0.247249	19.9	2.68688
B 249.678	6.03408	ug/L	0.346557	5.7	192.339
Ba 493.408	0.239318	ug/L	0.001285	0.5	724.313
Be 313.042	0.045078	ug/L	0.001623	3.6	171.122
Ca 373.690	76375.3	ug/L	120.484	0.2	346199
Cd 214.439	-0.044098uv	ug/L	0.002209	5.0	2.76291
Co 228.615	0.766003	ug/L	0.115677	15.1	15.4679
Cr 267.716	0.269174	ug/L	0.023208	8.6	30.5125
Cu 327.395	0.448663	ug/L	0.078669	17.5	94.2361
Fe 273.955	3.13662	ug/L	0.432324	13.8	88.1742
K 404.721	76665.1	ug/L	132.384	0.2	1263.94
Li 610.365	0.727200	ug/L	0.029051	4.0	52.3330
Mg 279.078	77283.7	ug/L	120.567	0.2	316960
Mn 257.610	3.73473	ug/L	0.013211	0.4	1154.99
Mo 202.032	1.02234	ug/L	0.333095	32.6	17.2992
Na 330.237	77117.7	ug/L	84.1789	0.1	11557.2
Ni 216.555	0.472071	ug/L	0.018933	4.0	8.05519
Pb 220.353	0.613853uv	ug/L	1.06755	173.9	7.84137
Sb 217.582	1.42980	ug/L	0.231551	16.2	7.52489
Se 196.026	-1.86496uv	ug/L	1.01717	54.5	1.21525

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Si 251.611	-0.005890uv	ug/L	1.17882	20012.9	75.1101
Si 288.158	-0.564759uv	ug/L	0.760894	134.7	487.153
Sn 283.998	1.36721	ug/L	0.295277	21.6	13.6067
Sr 421.552	0.496222	ug/L	0.003942	0.8	1208.94
Ti 336.122	1.34501	ug/L	0.025536	1.9	395.478
Tl 190.794	0.817194	ug/L	0.110465	13.5	2.33420
V 292.401	1.61477	ug/L	0.062323	3.9	74.6761
Zn 202.548	-0.478119uv	ug/L	0.172159	36.0	53.8097
Zr 339.198	0.482524	ug/L	0.018483	3.8	31.7739

ICV Sb 1ppm (Samp) **9/28/2009, 10:47:03 AM** **Rack 1, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.402692	ug/L	0.226940	56.4	8.88721
Al 237.312	0.829907	ug/L	0.825502	99.5	7.52667
As 188.980	0.657894	ug/L	0.869606	132.2	2.07835
B 249.678	3.55230	ug/L	0.534257	15.0	122.094
Ba 493.408	-0.004531uv	ug/L	0.002571	56.8	126.795
Be 313.042	0.005276	ug/L	0.000275	5.2	40.0225
Ca 373.690	3.24350	ug/L	1.21405	37.4	34.3425
Cd 214.439	-0.039687uv	ug/L	0.015654	39.4	2.93171
Co 228.615	0.111525	ug/L	0.150537	135.0	9.82434
Cr 267.716	-0.004790uv	ug/L	0.014058	293.5	17.6994
Cu 327.395	-0.120421uv	ug/L	0.092808	77.1	55.5352
Fe 273.955	-0.994368uv	ug/L	0.137310	13.8	21.4957
K 404.721	387.976	ug/L	313.483	80.8	14.8823
Li 610.365	0.043129	ug/L	0.009885	22.9	2.34863
Mg 279.078	4.55458	ug/L	0.889864	19.5	26.8552
Mn 257.610	-0.063492uv	ug/L	0.003435	5.4	31.6239
Mo 202.032	0.538901	ug/L	0.569466	105.7	12.9432
Na 330.237	-38.2317uv	ug/L	12.8306	33.6	6.83679
Ni 216.555	-0.072932uv	ug/L	0.080186	109.9	3.33614
Pb 220.353	0.561363	ug/L	0.180653	32.2	7.58316
Sb 217.582	1010.24	ug/L	0.532833	0.1	1992.28
Se 196.026	-0.991750uv	ug/L	0.465664	47.0	1.69441
Si 251.611	-2.22289uv	ug/L	1.77761	80.0	63.4688
Si 288.158	-1.00895uv	ug/L	2.44381	242.2	481.865
Sn 283.998	1.02461	ug/L	0.307809	30.0	12.0728
Sr 421.552	0.001300uv	ug/L	0.002381	183.1	27.7537
Ti 336.122	-0.148548uv	ug/L	0.029438	19.8	41.2803
Tl 190.794	0.975520	ug/L	0.383975	39.4	2.46131
V 292.401	-0.076351uv	ug/L	0.072436	94.9	11.4254
Zn 202.548	-0.821817uv	ug/L	0.018013	2.2	45.6755
Zr 339.198	13.1652	ug/L	1.57827	12.0	736.608

CRI RL Ag B Mo (Samp) **9/28/2009, 10:57:15 AM** **Rack 1, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.15718	ug/L	0.719354	17.3	40.3408
Al 237.312	104.568	ug/L	0.077356	0.1	467.606
As 188.980	9.32145	ug/L	0.650921	7.0	11.0774

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
B 249.678	11.0192	ug/L	0.160623	1.5	333.440
Ba 493.408	11.1615	ug/L	0.022790	0.2	27487.6
Be 313.042	1.00304	ug/L	0.004155	0.4	3326.41
Ca 373.690	414.477	ug/L	0.436698	0.1	2020.99
Cd 214.439	1.00104	ug/L	0.045829	4.6	42.7565
Co 228.615	10.7840	ug/L	0.061032	0.6	101.853
Cr 267.716	5.17691	ug/L	0.011092	0.2	260.044
Cu 327.395	10.6343	ug/L	0.175465	1.6	786.915
Fe 273.955	102.552	ug/L	0.549671	0.5	1691.95
K 404.721	3862.53	ug/L	418.384	10.8	58.0702
Li 610.365	80.8456	ug/L	0.179636	0.2	5906.50
Mg 279.078	423.422	ug/L	1.93129	0.5	1852.88
Mn 257.610	10.6467	ug/L	0.024904	0.2	3199.28
Mo 202.032	9.93002	ug/L	0.156715	1.6	97.5603
Na 330.237	1919.82	ug/L	89.3110	4.7	262.045
Ni 216.555	10.5235	ug/L	0.203596	1.9	95.0880
Pb 220.353	5.42962	ug/L	0.133408	2.5	31.5313
Sb 217.582	9.11011	ug/L	1.60496	17.6	22.6353
Se 196.026	12.2338	ug/L	0.554942	4.5	8.95170
Si 251.611	92.2274	ug/L	2.24482	2.4	559.420
Si 288.158	95.2613	ug/L	2.13202	2.2	1627.98
Sn 283.998	30.7808	ug/L	0.581051	1.9	145.298
Sr 421.552	22.1107	ug/L	0.055537	0.3	52793.9
Ti 336.122	10.2294	ug/L	0.027921	0.3	2502.42
Tl 190.794	10.2969	ug/L	0.296201	2.9	9.94524
V 292.401	10.0737	ug/L	0.075201	0.7	391.056
Zn 202.548	51.0209	ug/L	0.022917	0.0	1272.61
Zr 339.198	10.5092	ug/L	0.227693	2.2	589.004

LCS 360-49480/2-A (Samp) **9/28/2009, 11:00:08 AM** **Rack 1, Tube 5**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	871.454	ug/L	1.91446	0.2	7306.21
Al 237.312	4354.80	ug/L	10.7823	0.2	19052.8
As 188.980	870.096	ug/L	1.21128	0.1	905.188
B 249.678	862.719	ug/L	11.2047	1.3	24440.2
Ba 493.408	901.107	ug/L	2.01878	0.2	2208177
Be 313.042	883.563	ug/L	2.56223	0.3	2910244
Ca 373.690	17879.3	ug/L	75.4491	0.4	85166.4
Cd 214.439	872.354	ug/L	5.07983	0.6	33386.3
Co 228.615	882.965	ug/L	4.54078	0.5	7622.62
Cr 267.716	892.906	ug/L	4.49529	0.5	41778.6
Cu 327.395	887.365	ug/L	5.53187	0.6	60409.5
Fe 273.955	4409.30	ug/L	17.4263	0.4	69527.9
K 404.721	16469.7	ug/L	470.267	2.9	225.757
Li 610.365	4117.14	ug/L	13.0815	0.3	300834
Mg 279.078	17414.9	ug/L	73.3982	0.4	74931.8
Mn 257.610	891.848	ug/L	4.34354	0.5	263825
Mo 202.032	917.119	ug/L	7.18773	0.8	8271.64
Na 330.237	16904.6	ug/L	27.0151	0.2	2280.50
Ni 216.555	875.055	ug/L	6.82985	0.8	7580.86
Pb 220.353	869.201	ug/L	5.80946	0.7	4280.62
Sb 217.582	878.264	ug/L	2.78337	0.3	1732.63

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Se 196.026	869.950	ug/L	4.79101	0.6	479.608
Si 251.611	959.571	ug/L	17.9668	1.9	5113.78
Si 288.158	957.174	ug/L	18.7124	2.0	11889.2
Sn 283.998	888.316	ug/L	4.54574	0.5	3984.69
Sr 421.552	901.675	ug/L	1.99185	0.2	2151964
Ti 336.122	904.589	ug/L	0.082778	0.0	214600
Tl 190.794	855.923	ug/L	10.6636	1.2	688.882
V 292.401	896.992	ug/L	3.04029	0.3	33563.3
Zn 202.548	856.725	ug/L	5.57541	0.7	20340.8
Zr 339.198	925.523	ug/L	1.70273	0.2	51440.4

LCSD 360-49480/3-A (Samp) **9/28/2009, 11:03:02 AM** **Rack 1, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	871.687	ug/L	3.61486	0.4	7308.17
Al 237.312	4356.37	ug/L	24.1915	0.6	19059.6
As 188.980	872.549	ug/L	3.67507	0.4	907.735
B 249.678	879.206	ug/L	7.94321	0.9	24906.8
Ba 493.408	902.697	ug/L	4.73326	0.5	2212071
Be 313.042	884.064	ug/L	3.75245	0.4	2911892
Ca 373.690	17962.5	ug/L	73.1068	0.4	85556.7
Cd 214.439	873.495	ug/L	3.66708	0.4	33430.0
Co 228.615	884.325	ug/L	3.08311	0.3	7634.34
Cr 267.716	894.810	ug/L	4.13902	0.5	41867.6
Cu 327.395	894.218	ug/L	3.09264	0.3	60875.6
Fe 273.955	4417.50	ug/L	16.2162	0.4	69654.1
K 404.721	16201.5	ug/L	251.693	1.6	222.007
Li 610.365	4118.72	ug/L	15.7431	0.4	300950
Mg 279.078	17433.5	ug/L	69.0990	0.4	75010.6
Mn 257.610	893.970	ug/L	3.59427	0.4	264452
Mo 202.032	921.001	ug/L	5.46691	0.6	8306.62
Na 330.237	16967.2	ug/L	39.5676	0.2	2289.17
Ni 216.555	880.429	ug/L	4.24933	0.5	7627.40
Pb 220.353	869.521	ug/L	2.71022	0.3	4282.20
Sb 217.582	876.651	ug/L	2.04519	0.2	1729.46
Se 196.026	877.055	ug/L	3.58780	0.4	483.507
Si 251.611	1008.21	ug/L	20.7695	2.1	5369.19
Si 288.158	1007.26	ug/L	18.0414	1.8	12485.6
Sn 283.998	888.269	ug/L	4.28886	0.5	3984.48
Sr 421.552	903.747	ug/L	4.27432	0.5	2156907
Ti 336.122	903.518	ug/L	4.73862	0.5	214346
Tl 190.794	856.994	ug/L	11.2966	1.3	689.742
V 292.401	899.679	ug/L	4.27604	0.5	33663.8
Zn 202.548	858.568	ug/L	3.96298	0.5	20384.4
Zr 339.198	925.154	ug/L	1.57040	0.2	51419.9

MB 360-49527/1-A (Samp) **9/28/2009, 12:31:05 PM** **Rack 1, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.105465uv	ug/L	0.254790	241.6	4.63007
Al 237.312	4.06934	ug/L	0.156878	3.9	21.8983

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
As 188.980	0.604595	ug/L	0.078835	13.0	2.02299
B 249.678	0.741353	ug/L	0.083032	11.2	42.5323
Ba 493.408	0.795587	ug/L	0.005981	0.8	2087.37
Be 313.042	0.008188	ug/L	0.001780	21.7	49.6158
Ca 373.690	146.761	ug/L	1.12790	0.8	727.817
Cd 214.439	-0.004264uv	ug/L	0.003811	89.4	4.28721
Co 228.615	-0.016340uv	ug/L	0.035996	220.3	8.72177
Cr 267.716	1.79945	ug/L	0.063639	3.5	102.082
Cu 327.395	0.283169	ug/L	0.130244	46.0	82.9816
Fe 273.955	26.3284	ug/L	1.04527	4.0	462.460
K 404.721	113.652	ug/L	160.729	141.4	11.5265
Li 610.365	-0.046978uv	ug/L	0.000397	0.8	-4.23535
Mg 279.078	40.1493	ug/L	0.106515	0.3	182.073
Mn 257.610	0.488789	ug/L	0.001471	0.3	194.967
Mo 202.032	-0.180121uv	ug/L	0.118412	65.7	6.46453
Na 330.237	121.679	ug/L	28.6440	23.5	27.6055
Ni 216.555	-0.139210uv	ug/L	0.121930	87.6	2.76225
Pb 220.353	0.424279uv	ug/L	0.649161	153.0	6.90881
Sb 217.582	-0.358849uv	ug/L	0.291119	81.1	4.00586
Se 196.026	-0.988058uv	ug/L	1.25132	126.6	1.69643
Si 251.611	26.3673	ug/L	3.02235	11.5	213.594
Si 288.158	27.5002	ug/L	2.76476	10.1	821.272
Sn 283.998	9.99802	ug/L	0.342935	3.4	52.2489
Sr 421.552	0.359838	ug/L	0.000447	0.1	883.440
Ti 336.122	0.059141	ug/L	0.052966	89.6	90.5339
Tl 190.794	-0.333064uv	ug/L	1.43469	430.8	1.41068
V 292.401	-0.157865uv	ug/L	0.025432	16.1	8.37659
Zn 202.548	1.70001	ug/L	0.003235	0.2	105.358
Zr 339.198	1.02059	ug/L	0.104499	10.2	61.6769

LCS 360-49527/2-A (Samp) **9/28/2009, 12:33:59 PM** **Rack 1, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	901.662	ug/L	0.215188	0.0	7559.28
Al 237.312	4519.42	ug/L	7.07728	0.2	19762.3
As 188.980	900.238	ug/L	0.584753	0.1	936.497
B 249.678	896.801	ug/L	9.24500	1.0	25404.8
Ba 493.408	932.467	ug/L	0.957555	0.1	2285018
Be 313.042	908.191	ug/L	2.59459	0.3	2991363
Ca 373.690	18500.3	ug/L	49.2765	0.3	88078.8
Cd 214.439	903.623	ug/L	2.65299	0.3	34582.9
Co 228.615	912.836	ug/L	1.57649	0.2	7880.19
Cr 267.716	919.195	ug/L	2.68437	0.3	43008.1
Cu 327.395	912.930	ug/L	14.6626	1.6	62148.1
Fe 273.955	4572.35	ug/L	12.9154	0.3	72033.0
K 404.721	16843.2	ug/L	368.810	2.2	230.985
Li 610.365	4306.99	ug/L	9.65366	0.2	314707
Mg 279.078	18077.0	ug/L	37.1839	0.2	77740.3
Mn 257.610	921.079	ug/L	2.48290	0.3	272470
Mo 202.032	947.705	ug/L	2.06737	0.2	8547.23
Na 330.237	17755.3	ug/L	42.2704	0.2	2398.56
Ni 216.555	903.029	ug/L	1.47968	0.2	7823.08
Pb 220.353	899.010	ug/L	2.53771	0.3	4427.26

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 217.582	865.870	ug/L	5.39234	0.6	1708.24
Se 196.026	893.106	ug/L	0.323990	0.0	492.315
Si 251.611	973.668	ug/L	11.5367	1.2	5187.80
Si 288.158	967.528	ug/L	11.1982	1.2	12012.5
Sn 283.998	919.869	ug/L	1.57217	0.2	4125.96
Sr 421.552	931.440	ug/L	1.38120	0.1	2222999
Ti 336.122	936.825	ug/L	3.74205	0.4	222245
Tl 190.794	888.722	ug/L	5.10274	0.6	715.216
V 292.401	925.460	ug/L	2.35856	0.3	34628.0
Zn 202.548	887.443	ug/L	2.31195	0.3	21067.8
Zr 339.198	936.640	ug/L	4.64781	0.5	52058.2

LCSD 360-49527/3-A (Samp) **9/28/2009, 12:36:52 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	901.984	ug/L	2.72968	0.3	7561.98
Al 237.312	4504.98	ug/L	14.5540	0.3	19700.1
As 188.980	900.996	ug/L	1.35966	0.2	937.284
B 249.678	916.080	ug/L	15.6054	1.7	25950.5
Ba 493.408	932.711	ug/L	2.36076	0.3	2285618
Be 313.042	909.082	ug/L	3.30917	0.4	2994296
Ca 373.690	18478.1	ug/L	58.3156	0.3	87974.5
Cd 214.439	900.595	ug/L	1.95046	0.2	34467.0
Co 228.615	910.488	ug/L	1.67515	0.2	7859.94
Cr 267.716	919.365	ug/L	2.83956	0.3	43016.0
Cu 327.395	914.203	ug/L	1.04098	0.1	62234.6
Fe 273.955	4563.47	ug/L	12.1044	0.3	71896.8
K 404.721	17287.7	ug/L	59.0420	0.3	237.227
Li 610.365	4268.52	ug/L	12.2359	0.3	311896
Mg 279.078	17997.1	ug/L	42.2869	0.2	77401.3
Mn 257.610	919.468	ug/L	2.27268	0.2	271994
Mo 202.032	959.458	ug/L	4.89425	0.5	8653.13
Na 330.237	17604.4	ug/L	65.8700	0.4	2377.58
Ni 216.555	900.735	ug/L	2.56404	0.3	7803.22
Pb 220.353	897.668	ug/L	3.48271	0.4	4420.66
Sb 217.582	882.511	ug/L	5.36364	0.6	1740.99
Se 196.026	896.582	ug/L	1.29812	0.1	494.221
Si 251.611	1047.07	ug/L	16.4305	1.6	5573.25
Si 288.158	1040.90	ug/L	16.1671	1.6	12886.0
Sn 283.998	920.400	ug/L	3.03697	0.3	4128.34
Sr 421.552	931.634	ug/L	1.91990	0.2	2223464
Ti 336.122	938.450	ug/L	1.32630	0.1	222631
Tl 190.794	885.131	ug/L	6.07273	0.7	712.332
V 292.401	926.339	ug/L	2.45878	0.3	34660.9
Zn 202.548	884.510	ug/L	1.58201	0.2	20998.4
Zr 339.198	973.399	ug/L	2.50120	0.3	54101.1

360-24808-A-1-A (Samp) **9/28/2009, 12:39:46 PM** **Rack 1, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.163305uv	ug/L	0.061037	37.4	4.14551
Al 237.312	126421	ug/L	406.531	0.3	479423
As 188.980	90.5505	ug/L	1.47570	1.6	95.4522
B 249.678	68.0732	ug/L	3.46977	5.1	1948.31
Ba 493.408	832.592	ug/L	0.915691	0.1	2040288
Be 313.042	6.28793	ug/L	0.003835	0.1	20733.4
Ca 373.690	24348.9	ug/L	23.9215	0.1	115358
Cd 214.439	7.79204	ug/L	0.214092	2.7	302.624
Co 228.615	94.5280	ug/L	0.066539	0.1	823.972
Cr 267.716	319.540	ug/L	0.344943	0.1	14962.6
Cu 327.395	582.725	ug/L	5.00866	0.9	39692.3
Fe 273.955	323857	ug/L	179.693	0.1	3881222
K 404.721	19270.3	ug/L	182.809	0.9	265.342
Li 610.365	396.514	ug/L	1.25250	0.3	28972.1
Mg 279.078	59025.8	ug/L	34.0157	0.1	245703
Mn 257.610	1745.07	ug/L	1.46747	0.1	516175
Mo 202.032	16.1855	ug/L	0.864323	5.3	153.924
Na 330.237	226.370	ug/L	49.9959	22.1	41.2095
Ni 216.555	248.700	ug/L	0.399603	0.2	2157.40
Pb 220.353	706.875	ug/L	0.538660	0.1	3482.11
Sb 217.582	2.86334	ug/L	0.983764	34.4	10.3453
Se 196.026	0.421372uv	ug/L	2.04851	486.2	2.46983
Si 251.611	3261.61	ug/L	62.6974	1.9	17201.6
Si 288.158	3299.84	ug/L	85.1931	2.6	39779.2
Sn 283.998	108.097	ug/L	0.791751	0.7	491.461
Sr 421.552	126.691	ug/L	0.191499	0.2	302384
Ti 336.122	5345.00	ug/L	2.71414	0.1	1267646
Tl 190.794	2.01913	ug/L	1.92675	95.4	3.29921
V 292.401	656.534	ug/L	0.149975	0.0	24569.8
Zn 202.548	780.442	ug/L	3.91874	0.5	18535.4
Zr 339.198	86.9833	ug/L	1.25535	1.4	4839.01

CCV (CCV) **9/28/2009, 12:42:39 PM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	988.953	ug/L	0.629897	0.1	8290.57	98.89528
Al 237.312	4964.26	ug/L	0.691225	0.0	21675.5	99.28523
As 188.980	983.021	ug/L	1.51896	0.2	1022.48	98.30206
B 249.678	1002.03	ug/L	14.8226	1.5	28383.4	100.20340
Ba 493.408	996.791	ug/L	0.795150	0.1	2442635	99.67905
Be 313.042	986.368	ug/L	1.77989	0.2	3248857	98.63684
Ca 373.690	19757.1	ug/L	16.2717	0.1	93963.4	98.78555
Cd 214.439	986.035	ug/L	0.409875	0.0	37736.5	98.60349
Co 228.615	987.805	ug/L	0.326234	0.0	8526.64	98.78047
Cr 267.716	986.308	ug/L	0.321918	0.0	46146.9	98.63080
Cu 327.395	980.326	ug/L	1.65120	0.2	66731.4	98.03259
Fe 273.955	4946.21	ug/L	1.83337	0.0	77760.0	98.92422
K 404.721	19694.1	ug/L	99.2891	0.5	271.405	98.47035
Li 610.365	4947.88	ug/L	5.55673	0.1	361535	98.95753
Mg 279.078	19738.3	ug/L	3.47615	0.0	84773.9	98.69172
Mn 257.610	987.952	ug/L	0.157830	0.0	292249	98.79521
Mo 202.032	990.413	ug/L	2.74241	0.3	8932.04	99.04128
Na 330.237	19811.2	ug/L	13.5800	0.1	2685.40	99.05592

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ni 216.555	981.952	ug/L	2.31035	0.2	8506.46	98.19520
Pb 220.353	986.934	ug/L	1.39104	0.1	4859.78	98.69341
Sb 217.582	999.412	ug/L	3.74131	0.4	1970.98	99.94118
Se 196.026	989.491	ug/L	1.51490	0.2	545.204	98.94912
Si 251.611	989.461	ug/L	13.1579	1.3	5270.72	98.94608
Si 288.158	985.543	ug/L	13.2801	1.3	12227.0	98.55434
Sn 283.998	985.947	ug/L	2.59170	0.3	4421.81	98.59467
Sr 421.552	994.711	ug/L	0.350273	0.0	2374002	99.47109
Ti 336.122	991.215	ug/L	2.43413	0.2	235144	99.12148
Tl 190.794	990.743	ug/L	1.33398	0.1	797.126	99.07432
V 292.401	991.379	ug/L	0.110701	0.0	37093.5	99.13794
Zn 202.548	980.778	ug/L	0.606548	0.1	23276.7	98.07784
Zr 339.198	987.956	ug/L	2.99100	0.3	54910.1	98.79565

CCB (CCB) **9/28/2009, 12:45:32 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.058991uv	ug/L	0.807179	1368.3	5.01941	-0.05899
Al 237.312	2.01939	ug/L	0.123722	6.1	12.8038	2.01939
As 188.980	-0.042491uv	ug/L	0.469289	1104.5	1.35084	-0.04249
B 249.678	29.9220	ug/L	4.34210	14.5	868.469	29.92200
Ba 493.408	0.017706	ug/L	0.001882	10.6	181.283	0.01771
Be 313.042	0.023783	ug/L	0.001377	5.8	100.981	0.02378
Ca 373.690	0.247206uv	ug/L	0.859903	347.8	19.8627	0.24721
Cd 214.439	0.007571uv	ug/L	0.022864	302.0	4.74011	0.00757
Co 228.615	-0.095070uv	ug/L	0.042726	44.9	8.04289	-0.09507
Cr 267.716	-0.027086uv	ug/L	0.050449	186.3	16.6566	-0.02709
Cu 327.395	0.015021uv	ug/L	0.076889	511.9	64.7460	0.01502
Fe 273.955	2.51111	ug/L	0.396101	15.8	78.0779	2.51111
K 404.721	257.989	ug/L	5.80304	2.2	13.2894	257.98889
Li 610.365	-0.161021uv	ug/L	0.113367	70.4	-12.5684	-0.16102
Mg 279.078	0.973138	ug/L	1.28611	132.2	11.2371	0.97314
Mn 257.610	-0.018134uv	ug/L	0.011031	60.8	45.0391	-0.01813
Mo 202.032	10.7007	ug/L	1.78952	16.7	104.504	10.70067
Na 330.237	-19.2348uv	ug/L	40.2758	209.4	9.30359	-19.23485
Ni 216.555	0.021170uv	ug/L	0.087072	411.3	4.15094	0.02117
Pb 220.353	0.251536uv	ug/L	0.844202	335.6	6.05905	0.25154
Sb 217.582	2.21790	ug/L	0.649649	29.3	9.07541	2.21790
Se 196.026	3.46447	ug/L	1.02634	29.6	4.13968	3.46447
Si 251.611	-3.35970uv	ug/L	1.01304	30.2	57.4995	-3.35970
Si 288.158	-2.47059uv	ug/L	1.01988	41.3	464.463	-2.47059
Sn 283.998	0.359634uv	ug/L	0.609660	169.5	9.09552	0.35963
Sr 421.552	0.023349	ug/L	0.004313	18.5	80.3752	0.02335
Ti 336.122	0.310916	ug/L	0.156293	50.3	150.242	0.31092
Tl 190.794	2.11219	ug/L	1.96900	93.2	3.37393	2.11219
V 292.401	0.015211uv	ug/L	0.067442	443.4	14.8499	0.01521
Zn 202.548	-0.774837uv	ug/L	0.043947	5.7	46.7874	-0.77484
Zr 339.198	0.660833	ug/L	0.213688	32.3	41.6833	0.66083

360-24808-A-1-B DU (Samp) **9/28/2009, 12:48:27 PM** **Rack 1, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.274482	ug/L	0.333435	121.5	7.81311
Al 237.312	123381	ug/L	196.531	0.2	468110
As 188.980	85.5278	ug/L	1.87507	2.2	90.2351
B 249.678	55.2188	ug/L	0.379662	0.7	1584.47
Ba 493.408	824.473	ug/L	1.61058	0.2	2020396
Be 313.042	6.13068	ug/L	0.017534	0.3	20215.5
Ca 373.690	25496.0	ug/L	8.79878	0.0	120677
Cd 214.439	7.75347	ug/L	0.055690	0.7	301.148
Co 228.615	95.2291	ug/L	0.684956	0.7	830.017
Cr 267.716	300.371	ug/L	0.874777	0.3	14066.1
Cu 327.395	582.723	ug/L	0.370774	0.1	39692.2
Fe 273.955	337122	ug/L	767.012	0.2	4037978
K 404.721	16987.9	ug/L	75.5928	0.4	233.012
Li 610.365	332.447	ug/L	0.747525	0.2	24290.7
Mg 279.078	53032.7	ug/L	167.803	0.3	221824
Mn 257.610	1678.07	ug/L	0.951469	0.1	496358
Mo 202.032	12.9769	ug/L	1.00504	7.7	125.013
Na 330.237	268.192	ug/L	4.86729	1.8	46.6451
Ni 216.555	252.337	ug/L	2.68599	1.1	2188.90
Pb 220.353	557.810	ug/L	0.835201	0.1	2748.82
Sb 217.582	-0.088919uv	ug/L	1.50892	1697.0	4.53693
Se 196.026	-2.36648uv	ug/L	2.08933	88.3	0.940048
Si 251.611	3051.98	ug/L	39.6688	1.3	16100.8
Si 288.158	3104.46	ug/L	38.1632	1.2	37453.1
Sn 283.998	96.4772	ug/L	0.621092	0.6	439.437
Sr 421.552	123.491	ug/L	0.211832	0.2	294749
Ti 336.122	5504.73	ug/L	11.7463	0.2	1305527
Tl 190.794	-1.69455uv	ug/L	0.109175	6.4	0.317566
V 292.401	681.790	ug/L	1.27883	0.2	25514.4
Zn 202.548	777.583	ug/L	6.30613	0.8	18467.8
Zr 339.198	87.4758	ug/L	1.56298	1.8	4866.38

360-24808-A-1-C MS (Samp) **9/28/2009, 12:51:19 PM** **Rack 1, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	856.459	ug/L	5.17749	0.6	7180.59
Al 237.312	128539	ug/L	543.776	0.4	487305
As 188.980	940.328	ug/L	6.40634	0.7	978.139
B 249.678	894.537	ug/L	11.6100	1.3	25340.8
Ba 493.408	1639.51	ug/L	1.14568	0.1	4017530
Be 313.042	864.548	ug/L	5.71348	0.7	2847613
Ca 373.690	44287.0	ug/L	188.963	0.4	206336
Cd 214.439	844.132	ug/L	3.73350	0.4	32306.4
Co 228.615	936.951	ug/L	5.14392	0.5	8088.14
Cr 267.716	1159.47	ug/L	5.29700	0.5	54245.4
Cu 327.395	1418.36	ug/L	11.8024	0.8	96520.0
Fe 273.955	317992	ug/L	1145.93	0.4	3811917
K 404.721	40506.0	ug/L	35.0487	0.1	593.195
Li 610.365	4772.00	ug/L	23.1432	0.5	348684
Mg 279.078	75354.2	ug/L	406.034	0.5	309535

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	2696.20	ug/L	13.4140	0.5	797481
Mo 202.032	894.423	ug/L	5.02100	0.6	8067.14
Na 330.237	17260.0	ug/L	28.1130	0.2	2329.77
Ni 216.555	1074.66	ug/L	4.01442	0.4	9309.18
Pb 220.353	1646.51	ug/L	6.83094	0.4	8104.36
Sb 217.582	489.190	ug/L	3.73706	0.8	967.157
Se 196.026	823.991	ug/L	3.77554	0.5	454.389
Si 251.611	4403.38	ug/L	34.6624	0.8	23197.0
Si 288.158	4444.30	ug/L	28.3119	0.6	53404.2
Sn 283.998	904.280	ug/L	7.33118	0.8	4056.17
Sr 421.552	994.176	ug/L	3.63139	0.4	2372725
Ti 336.122	6324.34	ug/L	32.9278	0.5	1499899
Tl 190.794	780.377	ug/L	4.12650	0.5	628.227
V 292.401	1751.66	ug/L	8.37341	0.5	65529.2
Zn 202.548	1586.51	ug/L	11.9826	0.8	37612.2
Zr 339.198	895.403	ug/L	6.45067	0.7	49766.5

360-24808-A-1-Asd@5 (Samp) **9/28/2009, 12:54:12 PM** **Rack 1, Tube 13**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.743574uv	ug/L	0.128389	17.3	-0.715759
Al 237.312	25371.1	ug/L	27.8630	0.1	103361
As 188.980	19.4963	ug/L	0.441088	2.3	21.6463
B 249.678	32.2709	ug/L	3.21839	10.0	934.951
Ba 493.408	178.577	ug/L	0.052966	0.0	437715
Be 313.042	1.29449	ug/L	0.002426	0.2	4286.34
Ca 373.690	5167.73	ug/L	5.32091	0.1	24887.3
Cd 214.439	1.60414	ug/L	0.025063	1.6	65.8350
Co 228.615	20.6562	ug/L	0.090084	0.4	186.980
Cr 267.716	68.5553	ug/L	0.144397	0.2	3224.21
Cu 327.395	120.590	ug/L	0.422213	0.4	8264.51
Fe 273.955	69879.9	ug/L	91.2720	0.1	879884
K 404.721	3567.89	ug/L	375.196	10.5	54.3563
Li 610.365	70.9621	ug/L	0.431524	0.6	5184.32
Mg 279.078	12465.4	ug/L	7.74848	0.1	53844.9
Mn 257.610	385.298	ug/L	0.327421	0.1	114007
Mo 202.032	7.31300	ug/L	0.970656	13.3	73.9801
Na 330.237	-11.9507uv	ug/L	50.3830	421.6	10.2495
Ni 216.555	54.3274	ug/L	0.291840	0.5	474.376
Pb 220.353	157.369	ug/L	0.259932	0.2	778.955
Sb 217.582	2.52597	ug/L	1.29417	51.2	9.68152
Se 196.026	-1.29031uv	ug/L	1.71475	132.9	1.53058
Si 251.611	683.675	ug/L	6.18878	0.9	3665.07
Si 288.158	689.973	ug/L	3.57727	0.5	8708.15
Sn 283.998	22.5416	ug/L	0.417467	1.9	108.410
Sr 421.552	26.9302	ug/L	0.015544	0.1	64296.2
Ti 336.122	1163.45	ug/L	3.33571	0.3	275990
Tl 190.794	2.81239	ug/L	0.889105	31.6	3.93610
V 292.401	138.734	ug/L	0.355388	0.3	5203.18
Zn 202.548	170.552	ug/L	1.69178	1.0	4101.48
Zr 339.198	22.1597	ug/L	1.02620	4.6	1236.47

360-24808-A-1-Apds (Samp) **9/28/2009, 12:57:06 PM** **Rack 1, Tube 14**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	883.733	ug/L	4.89256	0.6	7409.08
Al 237.312	126328	ug/L	537.727	0.4	479076
As 188.980	974.972	ug/L	1.42172	0.1	1014.13
B 249.678	961.723	ug/L	14.3444	1.5	27242.4
Ba 493.408	1679.77	ug/L	14.6611	0.9	4116182
Be 313.042	880.072	ug/L	5.00944	0.6	2898744
Ca 373.690	43538.7	ug/L	298.200	0.7	202978
Cd 214.439	867.376	ug/L	4.63184	0.5	33195.8
Co 228.615	955.686	ug/L	3.80290	0.4	8249.68
Cr 267.716	1192.25	ug/L	5.74956	0.5	55778.8
Cu 327.395	1476.70	ug/L	13.3478	0.9	100487
Fe 273.955	313482	ug/L	1248.82	0.4	3758620
K 404.721	37114.7	ug/L	116.849	0.3	537.557
Li 610.365	4935.77	ug/L	17.4905	0.4	360651
Mg 279.078	75625.0	ug/L	380.412	0.5	310579
Mn 257.610	2510.24	ug/L	11.9678	0.5	742482
Mo 202.032	941.347	ug/L	6.53444	0.7	8489.95
Na 330.237	17627.0	ug/L	120.302	0.7	2380.73
Ni 216.555	1090.50	ug/L	5.28958	0.5	9446.34
Pb 220.353	1499.08	ug/L	8.74026	0.6	7379.17
Sb 217.582	888.667	ug/L	5.01531	0.6	1753.10
Se 196.026	852.875	ug/L	1.76086	0.2	470.238
Si 251.611	4040.84	ug/L	29.0632	0.7	21293.3
Si 288.158	4075.00	ug/L	26.5453	0.7	49007.6
Sn 283.998	962.078	ug/L	3.46791	0.4	4314.94
Sr 421.552	1008.69	ug/L	4.06453	0.4	2407355
Ti 336.122	6015.30	ug/L	40.9131	0.7	1426609
Tl 190.794	809.409	ug/L	5.29653	0.7	651.536
V 292.401	1527.29	ug/L	6.00436	0.4	57137.5
Zn 202.548	1585.36	ug/L	7.78568	0.5	37585.1
Zr 339.198	1001.29	ug/L	4.81285	0.5	55651.0

360-24808-A-2-A (Samp) **9/28/2009, 12:59:59 PM** **Rack 1, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.059384uv	ug/L	0.020112	33.9	5.01611
Al 237.312	113000	ug/L	334.069	0.3	429474
As 188.980	106.081	ug/L	0.171765	0.2	111.584
B 249.678	76.3045	ug/L	3.62965	4.8	2181.29
Ba 493.408	1391.55	ug/L	15.1657	1.1	3409944
Be 313.042	6.34720	ug/L	0.015052	0.2	20928.6
Ca 373.690	30616.4	ug/L	164.173	0.5	144293
Cd 214.439	31.5585	ug/L	0.156167	0.5	1212.08
Co 228.615	171.315	ug/L	0.326536	0.2	1486.10
Cr 267.716	284.635	ug/L	1.04834	0.4	13330.1
Cu 327.395	807.173	ug/L	2.88717	0.4	54956.0
Fe 273.955	314058	ug/L	1241.83	0.4	3765425
K 404.721	18782.2	ug/L	439.235	2.3	258.384
Li 610.365	328.087	ug/L	1.21122	0.4	23972.2
Mg 279.078	53292.1	ug/L	174.512	0.3	222863

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	18721.1	ug/L	77.5953	0.4	5537023
Mo 202.032	38.3749	ug/L	1.00191	2.6	353.858
Na 330.237	574.094	ug/L	4.12788	0.7	86.4336
Ni 216.555	377.829	ug/L	1.21540	0.3	3275.50
Pb 220.353	8478.68	ug/L	30.8468	0.4	41713.4
Sb 217.582	-1.03673uv	ug/L	0.217303	21.0	2.67218
Se 196.026	9.77991	ug/L	3.14848	32.2	7.60516
Si 251.611	4540.80	ug/L	26.7665	0.6	23918.5
Si 288.158	4625.87	ug/L	2.83292	0.1	55565.9
Sn 283.998	114.735	ug/L	0.289069	0.3	521.183
Sr 421.552	181.067	ug/L	0.527385	0.3	432158
Ti 336.122	5548.08	ug/L	18.0195	0.3	1315808
Tl 190.794	14.8785	ug/L	1.46271	9.8	13.6238
V 292.401	654.504	ug/L	1.85339	0.3	24493.8
Zn 202.548	2140.71	ug/L	10.9139	0.5	50728.1
Zr 339.198	91.6292	ug/L	5.54914	6.1	5097.20

360-24808-A-3-A (Samp) **9/28/2009, 1:02:53 PM** **Rack 1, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	1.22716	ug/L	0.331539	27.0	15.7943
Al 237.312	128186	ug/L	184.699	0.1	485990
As 188.980	45.1235	ug/L	0.155249	0.3	48.2660
B 249.678	45.8028	ug/L	0.350033	0.8	1317.96
Ba 493.408	1221.77	ug/L	3.63376	0.3	2993908
Be 313.042	6.87518	ug/L	0.023468	0.3	22667.7
Ca 373.690	29183.4	ug/L	73.5184	0.3	137705
Cd 214.439	7.45991	ug/L	0.041963	0.6	289.914
Co 228.615	116.532	ug/L	0.484356	0.4	1013.71
Cr 267.716	474.687	ug/L	1.67077	0.4	22218.7
Cu 327.395	1907.07	ug/L	5.79116	0.3	129756
Fe 273.955	272471	ug/L	541.931	0.2	3273979
K 404.721	19045.1	ug/L	130.570	0.7	262.125
Li 610.365	350.195	ug/L	1.35170	0.4	25587.6
Mg 279.078	47370.7	ug/L	130.801	0.3	199044
Mn 257.610	1142.01	ug/L	4.18697	0.4	337811
Mo 202.032	11.5121	ug/L	0.759587	6.6	111.815
Na 330.237	401.000	ug/L	20.8606	5.2	63.9136
Ni 216.555	668.683	ug/L	2.04812	0.3	5793.94
Pb 220.353	940.040	ug/L	1.87161	0.2	4629.10
Sb 217.582	-0.490076uv	ug/L	0.473126	96.5	3.74768
Se 196.026	-0.389129uv	ug/L	1.59001	408.6	2.02508
Si 251.611	3135.65	ug/L	14.6171	0.5	16540.2
Si 288.158	3179.39	ug/L	27.7719	0.9	38345.1
Sn 283.998	192.388	ug/L	2.09166	1.1	868.854
Sr 421.552	161.595	ug/L	0.564706	0.3	385687
Ti 336.122	6117.20	ug/L	13.3214	0.2	1450774
Tl 190.794	-1.11921uv	ug/L	0.764791	68.3	0.779495
V 292.401	551.610	ug/L	2.15770	0.4	20645.4
Zn 202.548	1301.11	ug/L	0.007510	0.0	30857.8
Zr 339.198	83.7549	ug/L	1.86969	2.2	4659.60

360-24808-A-5-A (Samp) **9/28/2009, 1:05:46 PM** **Rack 1, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.331760uv	ug/L	0.223931	67.5	2.73425
Al 237.312	174139	ug/L	1023.59	0.6	657005
As 188.980	130.862	ug/L	1.01602	0.8	137.325
B 249.678	80.6688	ug/L	1.07852	1.3	2304.82
Ba 493.408	1286.94	ug/L	6.51899	0.5	3153619
Be 313.042	9.23888	ug/L	0.042228	0.5	30453.1
Ca 373.690	41688.3	ug/L	159.605	0.4	194655
Cd 214.439	10.5866	ug/L	0.073348	0.7	409.563
Co 228.615	161.164	ug/L	1.16918	0.7	1398.57
Cr 267.716	398.072	ug/L	1.78846	0.4	18635.5
Cu 327.395	776.614	ug/L	3.66846	0.5	52877.8
Fe 273.955	420831	ug/L	2836.03	0.7	5027208
K 404.721	24438.4	ug/L	699.740	2.9	340.643
Li 610.365	626.272	ug/L	1.71650	0.3	45760.2
Mg 279.078	78991.1	ug/L	440.445	0.6	323509
Mn 257.610	3648.36	ug/L	17.5025	0.5	1079094
Mo 202.032	21.6588	ug/L	0.414737	1.9	203.241
Na 330.237	540.001	ug/L	13.0301	2.4	81.9968
Ni 216.555	314.230	ug/L	1.09657	0.3	2724.81
Pb 220.353	2922.98	ug/L	13.0347	0.4	14383.6
Sb 217.582	-1.06781uv	ug/L	0.782650	73.3	2.61102
Se 196.026	-1.81587uv	ug/L	2.19303	120.8	1.24219
Si 251.611	3250.40	ug/L	25.2558	0.8	17142.7
Si 288.158	3286.17	ug/L	14.5240	0.4	39616.4
Sn 283.998	144.940	ug/L	0.055297	0.0	656.418
Sr 421.552	223.362	ug/L	0.821897	0.4	533100
Ti 336.122	8090.71	ug/L	15.4569	0.2	1918793
Tl 190.794	1.32877	ug/L	1.52947	115.1	2.74493
V 292.401	910.602	ug/L	4.72416	0.5	34072.3
Zn 202.548	1496.39	ug/L	7.47633	0.5	35479.3
Zr 339.198	102.015	ug/L	4.47541	4.4	5674.40

360-24808-A-7-A (Samp) **9/28/2009, 1:08:39 PM** **Rack 1, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	1.52718	ug/L	0.103012	6.7	18.3077
Al 237.312	147557	ug/L	229.953	0.2	558079
As 188.980	55.9805	ug/L	0.034068	0.1	59.5435
B 249.678	100.160	ug/L	0.454630	0.5	2856.51
Ba 493.408	1179.67	ug/L	0.331456	0.0	2890759
Be 313.042	5.49784	ug/L	0.007362	0.1	18131.1
Ca 373.690	49924.5	ug/L	63.2281	0.1	231494
Cd 214.439	16.2509	ug/L	0.007361	0.0	626.315
Co 228.615	103.413	ug/L	0.280734	0.3	900.588
Cr 267.716	403.895	ug/L	0.834230	0.2	18907.8
Cu 327.395	1658.34	ug/L	3.85076	0.2	112840
Fe 273.955	269028	ug/L	992.226	0.4	3233286
K 404.721	15389.4	ug/L	499.710	3.2	210.715
Li 610.365	282.826	ug/L	0.121491	0.0	20665.0
Mg 279.078	53057.7	ug/L	180.293	0.3	221924

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1863.58	ug/L	4.60103	0.2	551227
Mo 202.032	17.4373	ug/L	0.231600	1.3	165.203
Na 330.237	681.878	ug/L	22.1712	3.3	100.465
Ni 216.555	312.546	ug/L	1.24562	0.4	2710.23
Pb 220.353	8024.90	ug/L	18.1075	0.2	39481.2
Sb 217.582	-1.42207uv	ug/L	0.414424	29.1	1.91406
Se 196.026	2.96074	ug/L	1.29086	43.6	3.86327
Si 251.611	3613.67	ug/L	45.6256	1.3	19050.3
Si 288.158	3650.85	ug/L	53.5628	1.5	43958.0
Sn 283.998	262.736	ug/L	0.254268	0.1	1183.82
Sr 421.552	317.726	ug/L	0.186660	0.1	758309
Ti 336.122	5713.72	ug/L	16.6619	0.3	1355089
Tl 190.794	-0.993323uv	ug/L	1.32556	133.4	0.880570
V 292.401	698.039	ug/L	0.740641	0.1	26122.1
Zn 202.548	2584.54	ug/L	20.0541	0.8	61232.0
Zr 339.198	67.0569	ug/L	9.39186	14.0	3731.61

360-24808-A-8-A (Samp) **9/28/2009, 1:11:32 PM** **Rack 1, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	2.70803	ug/L	0.196710	7.3	28.2004
Al 237.312	133010	ug/L	169.330	0.1	503944
As 188.980	44.4290	ug/L	2.01186	4.5	47.5446
B 249.678	109.612	ug/L	0.859121	0.8	3124.02
Ba 493.408	1099.26	ug/L	1.73868	0.2	2693728
Be 313.042	4.42243	ug/L	0.006941	0.2	14588.9
Ca 373.690	49207.7	ug/L	99.5170	0.2	228309
Cd 214.439	13.0049	ug/L	0.139450	1.1	502.101
Co 228.615	95.4108	ug/L	0.107216	0.1	831.584
Cr 267.716	455.299	ug/L	1.02210	0.2	21312.0
Cu 327.395	2228.34	ug/L	1.46514	0.1	151604
Fe 273.955	250623	ug/L	104.552	0.0	3015789
K 404.721	13763.7	ug/L	315.286	2.3	188.310
Li 610.365	200.368	ug/L	0.359078	0.2	14639.8
Mg 279.078	49021.0	ug/L	62.8745	0.1	205706
Mn 257.610	1770.20	ug/L	2.15732	0.1	523609
Mo 202.032	20.9409	ug/L	0.310872	1.5	196.772
Na 330.237	929.076	ug/L	62.2326	6.7	132.667
Ni 216.555	294.241	ug/L	0.231307	0.1	2551.73
Pb 220.353	9139.61	ug/L	16.8400	0.2	44964.7
Sb 217.582	0.749319uv	ug/L	3.16276	422.1	6.18610
Se 196.026	3.08674	ug/L	1.03623	33.6	3.93240
Si 251.611	3117.98	ug/L	51.4470	1.7	16447.4
Si 288.158	3152.20	ug/L	49.5866	1.6	38021.5
Sn 283.998	327.461	ug/L	0.068018	0.0	1473.61
Sr 421.552	309.583	ug/L	0.532661	0.2	738875
Ti 336.122	5398.21	ug/L	31.2922	0.6	1280266
Tl 190.794	-1.94209uv	ug/L	0.226924	11.7	0.118820
V 292.401	670.735	ug/L	0.761357	0.1	25100.9
Zn 202.548	2692.65	ug/L	8.46439	0.3	63790.7
Zr 339.198	33.7899	ug/L	6.27558	18.6	1882.81

360-24808-A-11-A (Samp) **9/28/2009, 1:14:25 PM** **Rack 1, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	5.64437	ug/L	0.139733	2.5	52.7999
Al 237.312	138707	ug/L	580.601	0.4	525143
As 188.980	51.8527	ug/L	3.07008	5.9	55.2558
B 249.678	52.7352	ug/L	0.119813	0.2	1514.18
Ba 493.408	712.056	ug/L	2.61000	0.4	1744933
Be 313.042	4.75034	ug/L	0.015294	0.3	15669.0
Ca 373.690	32356.9	ug/L	177.832	0.5	152274
Cd 214.439	8.78887	ug/L	0.160629	1.8	340.769
Co 228.615	81.0242	ug/L	0.381703	0.5	707.530
Cr 267.716	634.727	ug/L	2.47966	0.4	29703.7
Cu 327.395	5490.95	ug/L	22.2500	0.4	373479
Fe 273.955	257742	ug/L	1041.91	0.4	3099924
K 404.721	15192.0	ug/L	359.116	2.4	207.975
Li 610.365	197.345	ug/L	0.442168	0.2	14419.0
Mg 279.078	41348.7	ug/L	170.614	0.4	174578
Mn 257.610	1158.20	ug/L	3.92940	0.3	342601
Mo 202.032	61.8317	ug/L	0.291939	0.5	565.212
Na 330.237	1627.82	ug/L	27.4872	1.7	223.861
Ni 216.555	434.622	ug/L	2.12654	0.5	3767.26
Pb 220.353	-x	ug/L	130.104	0.4	147402
Sb 217.582	0.844373	ug/L	0.122976	14.6	6.37311
Se 196.026	3.20970	ug/L	0.026977	0.8	3.99988
Si 251.611	2979.46	ug/L	28.1734	0.9	15720.0
Si 288.158	3013.40	ug/L	43.3108	1.4	36369.0
Sn 283.998	1002.69	ug/L	2.62688	0.3	4496.77
Sr 421.552	160.944	ug/L	0.785180	0.5	384133
Ti 336.122	6050.56	ug/L	27.6783	0.5	1434972
Tl 190.794	0.222069uv	ug/L	3.14426	1415.9	1.85638
V 292.401	1513.36	ug/L	5.51823	0.4	56616.4
Zn 202.548	2423.76	ug/L	20.7443	0.9	57427.0
Zr 339.198	22.1154	ug/L	2.70391	12.2	1234.01

CCV (CCV) **9/28/2009, 1:17:19 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	987.290	ug/L	3.50683	0.4	8276.63	98.72897
Al 237.312	4957.30	ug/L	14.4460	0.3	21645.6	99.14607
As 188.980	982.800	ug/L	1.06334	0.1	1022.26	98.27998
B 249.678	995.467	ug/L	11.8803	1.2	28197.5	99.54671
Ba 493.408	997.058	ug/L	3.94334	0.4	2443290	99.70577
Be 313.042	982.858	ug/L	2.49779	0.3	3237295	98.28580
Ca 373.690	19680.8	ug/L	49.0514	0.2	93606.6	98.40414
Cd 214.439	978.804	ug/L	1.07292	0.1	37459.8	97.88036
Co 228.615	983.041	ug/L	1.57774	0.2	8485.57	98.30412
Cr 267.716	982.276	ug/L	2.70827	0.3	45958.3	98.22755
Cu 327.395	980.820	ug/L	2.12667	0.2	66765.0	98.08196
Fe 273.955	4937.22	ug/L	14.3441	0.3	77622.5	98.74445
K 404.721	19776.1	ug/L	111.313	0.6	272.582	98.88052
Li 610.365	4947.04	ug/L	16.4665	0.3	361474	98.94077
Mg 279.078	19647.3	ug/L	44.9786	0.2	84388.9	98.23640

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	985.367	ug/L	2.90931	0.3	291484	98.53669
Mo 202.032	981.245	ug/L	5.03749	0.5	8849.44	98.12455
Na 330.237	19916.6	ug/L	7.08212	0.0	2700.17	99.58277
Ni 216.555	982.547	ug/L	0.621998	0.1	8511.61	98.25465
Pb 220.353	982.332	ug/L	3.99491	0.4	4837.14	98.23319
Sb 217.582	992.452	ug/L	3.49242	0.4	1957.29	99.24519
Se 196.026	982.830	ug/L	1.20994	0.1	541.549	98.28300
Si 251.611	994.427	ug/L	11.7211	1.2	5296.80	99.44264
Si 288.158	987.583	ug/L	15.5693	1.6	12251.3	98.75828
Sn 283.998	982.176	ug/L	1.89435	0.2	4404.92	98.21761
Sr 421.552	994.650	ug/L	2.82515	0.3	2373856	99.46498
Ti 336.122	989.626	ug/L	6.37661	0.6	234767	98.96261
Tl 190.794	983.418	ug/L	1.04659	0.1	791.245	98.34180
V 292.401	989.579	ug/L	3.01988	0.3	37026.2	98.95789
Zn 202.548	972.277	ug/L	0.953239	0.1	23075.5	97.22768
Zr 339.198	885.867	ug/L	11.4337	1.3	49236.6	88.58672Q

CCB (CCB) **9/28/2009, 1:20:12 PM** **Rack 4, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.258905uv	ug/L	0.518852	200.4	3.34460	-0.25891
Al 237.312	1.62390	ug/L	0.094168	5.8	11.0492	1.62390
As 188.980	0.297680uv	ug/L	1.60872	540.4	1.70419	0.29768
B 249.678	26.1458	ug/L	4.23028	16.2	761.586	26.14577
Ba 493.408	0.029299	ug/L	0.000375	1.3	209.690	0.02930
Be 313.042	0.038809	ug/L	0.000357	0.9	150.474	0.03881
Ca 373.690	0.980298	ug/L	0.104114	10.6	23.4055	0.98030
Cd 214.439	-0.010504uv	ug/L	0.007161	68.2	4.04845	-0.01050
Co 228.615	0.040413uv	ug/L	0.158010	391.0	9.21115	0.04041
Cr 267.716	0.079539	ug/L	0.042863	53.9	21.6434	0.07954
Cu 327.395	-0.023613uv	ug/L	0.065758	278.5	62.1186	-0.02361
Fe 273.955	4.03892	ug/L	0.799429	19.8	102.738	4.03892
K 404.721	438.500	ug/L	75.2345	17.2	15.4984	438.50031
Li 610.365	-0.036460uv	ug/L	0.073751	202.3	-3.46680	-0.03646
Mg 279.078	1.64824	ug/L	0.531754	32.3	14.1811	1.64824
Mn 257.610	0.010474	ug/L	0.002861	27.3	53.5001	0.01047
Mo 202.032	10.6613	ug/L	2.17198	20.4	104.150	10.66134
Na 330.237	-48.7398uv	ug/L	18.8025	38.6	5.47229	-48.73978
Ni 216.555	0.430983	ug/L	0.031813	7.4	7.69942	0.43098
Pb 220.353	-0.262145uv	ug/L	0.129434	49.4	3.53214	-0.26214
Sb 217.582	1.02148	ug/L	0.618302	60.5	6.72156	1.02148
Se 196.026	3.25788	ug/L	1.16799	35.9	4.02631	3.25788
Si 251.611	-0.246388uv	ug/L	0.555811	225.6	73.8473	-0.24639
Si 288.158	0.262070uv	ug/L	1.13264	432.2	496.996	0.26207
Sn 283.998	1.01378	ug/L	0.552305	54.5	12.0243	1.01378
Sr 421.552	0.034731	ug/L	0.003306	9.5	107.540	0.03473
Ti 336.122	0.588992	ug/L	0.220197	37.4	216.188	0.58899
Tl 190.794	2.13966	ug/L	0.504646	23.6	3.39598	2.13966
V 292.401	0.046017	ug/L	0.017486	38.0	16.0021	0.04602
Zn 202.548	-0.794786uv	ug/L	0.045530	5.7	46.3153	-0.79479
Zr 339.198	0.553339	ug/L	0.026930	4.9	35.7094	0.55334

360-24808-A-12-A (Samp) **9/28/2009, 1:23:05 PM** **Rack 1, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.150286uv	ug/L	0.575902	383.2	4.25458
Al 237.312	103964	ug/L	432.037	0.4	395848
As 188.980	46.9598	ug/L	1.20958	2.6	50.1734
B 249.678	72.4486	ug/L	0.065455	0.1	2072.15
Ba 493.408	489.651	ug/L	2.07572	0.4	1199960
Be 313.042	3.76921	ug/L	0.018279	0.5	12437.4
Ca 373.690	23249.2	ug/L	90.7431	0.4	110250
Cd 214.439	7.27578	ug/L	0.013886	0.2	282.868
Co 228.615	69.3650	ug/L	0.081920	0.1	606.993
Cr 267.716	255.781	ug/L	1.27120	0.5	11980.6
Cu 327.395	807.639	ug/L	0.921647	0.1	54987.7
Fe 273.955	271287	ug/L	849.279	0.3	3259988
K 404.721	12918.7	ug/L	62.3041	0.5	176.777
Li 610.365	221.776	ug/L	0.907243	0.4	16204.1
Mg 279.078	46652.9	ug/L	238.588	0.5	196140
Mn 257.610	1155.07	ug/L	5.35198	0.5	341675
Mo 202.032	19.7396	ug/L	1.64088	8.3	185.948
Na 330.237	319.845	ug/L	16.5122	5.2	53.3604
Ni 216.555	238.371	ug/L	0.699500	0.3	2067.96
Pb 220.353	3958.85	ug/L	15.9510	0.4	19479.3
Sb 217.582	0.096489uv	ug/L	1.54856	1604.9	4.90170
Se 196.026	-1.16109uv	ug/L	1.85864	160.1	1.60149
Si 251.611	2765.20	ug/L	13.4424	0.5	14595.0
Si 288.158	2782.25	ug/L	8.91859	0.3	33617.1
Sn 283.998	128.850	ug/L	0.495393	0.4	584.377
Sr 421.552	110.297	ug/L	0.573025	0.5	263259
Ti 336.122	3430.19	ug/L	19.5889	0.6	813548
Tl 190.794	-1.28793uv	ug/L	0.196513	15.3	0.644035
V 292.401	474.462	ug/L	2.53603	0.5	17760.0
Zn 202.548	1460.33	ug/L	10.9058	0.7	34626.0
Zr 339.198	79.9609	ug/L	7.67194	9.6	4448.75

360-24343-A-2-E (Samp) **9/28/2009, 1:25:59 PM** **Rack 1, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	25.8671	ug/L	0.905205	3.5	222.218
Al 237.312	110638	ug/L	60.1317	0.1	420684
As 188.980	90.4936	ug/L	1.76878	2.0	95.3932
B 249.678	12.3257	ug/L	0.753008	6.1	370.420
Ba 493.408	467.311	ug/L	0.235429	0.1	1145218
Be 313.042	2.65794	ug/L	0.006283	0.2	8777.18
Ca 373.690	24664.0	ug/L	12.3868	0.1	116820
Cd 214.439	3.79763	ug/L	0.079266	2.1	149.772
Co 228.615	72.8449	ug/L	0.040224	0.1	637.000
Cr 267.716	1872.73	ug/L	2.16802	0.1	87604.3
Cu 327.395	287.959	ug/L	1.33297	0.5	19646.5
Fe 273.955	235446	ug/L	584.214	0.2	2836442
K 404.721	18258.1	ug/L	276.081	1.5	250.936
Li 610.365	149.057	ug/L	0.091237	0.1	10890.6
Mg 279.078	51545.3	ug/L	21.7408	0.0	215861

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1589.50	ug/L	0.473793	0.0	470164
Mo 202.032	4.17754	ug/L	0.561261	13.4	45.7286
Na 330.237	736.316	ug/L	56.6981	7.7	107.554
Ni 216.555	152.411	ug/L	0.218522	0.1	1323.66
Pb 220.353	62.5386	ug/L	0.758530	1.2	312.463
Sb 217.582	1.10728uv	ug/L	3.40913	307.9	6.89035
Se 196.026	-2.91512uv	ug/L	1.41096	48.4	0.638992
Si 251.611	2009.59	ug/L	3.91904	0.2	10627.4
Si 288.158	2025.66	ug/L	11.8603	0.6	24609.8
Sn 283.998	762.680	ug/L	1.30416	0.2	3422.19
Sr 421.552	77.2957	ug/L	0.012937	0.0	184499
Ti 336.122	6730.51	ug/L	6.14299	0.1	1596222
Tl 190.794	-1.02041uv	ug/L	0.912979	89.5	0.858818
V 292.401	322.476	ug/L	0.363717	0.1	12075.4
Zn 202.548	269.002	ug/L	1.15882	0.4	6431.47
Zr 339.198	23.3439	ug/L	0.892551	3.8	1302.28

360-24343-A-5-D (Samp) **9/28/2009, 1:28:52 PM** **Rack 1, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	42.0576	ug/L	0.107731	0.3	357.855
Al 237.312	94879.0	ug/L	474.800	0.5	362037
As 188.980	77.6902	ug/L	2.51525	3.2	82.0939
B 249.678	6.18936	ug/L	0.394374	6.4	196.734
Ba 493.408	338.930	ug/L	1.53305	0.5	830640
Be 313.042	2.48424	ug/L	0.003155	0.1	8205.08
Ca 373.690	21296.2	ug/L	139.676	0.7	101153
Cd 214.439	1.93026	ug/L	0.116030	6.0	78.3148
Co 228.615	47.0504	ug/L	0.099974	0.2	414.575
Cr 267.716	2698.44	ug/L	12.0799	0.4	126222
Cu 327.395	139.522	ug/L	0.020673	0.0	9551.99
Fe 273.955	118128	ug/L	559.377	0.5	1450046
K 404.721	16879.9	ug/L	125.150	0.7	231.498
Li 610.365	232.176	ug/L	1.10508	0.5	16964.0
Mg 279.078	32013.2	ug/L	146.269	0.5	136168
Mn 257.610	1331.97	ug/L	6.43655	0.5	393995
Mo 202.032	6.05928	ug/L	0.363415	6.0	62.6836
Na 330.237	953.500	ug/L	8.72684	0.9	135.850
Ni 216.555	125.619	ug/L	0.545328	0.4	1091.68
Pb 220.353	39.7617	ug/L	0.428544	1.1	200.419
Sb 217.582	-0.519765uv	ug/L	1.75220	337.1	3.68927
Se 196.026	0.902634uv	ug/L	2.98509	330.7	2.73392
Si 251.611	4005.66	ug/L	26.0178	0.6	21108.6
Si 288.158	4052.18	ug/L	31.2335	0.8	48736.0
Sn 283.998	1135.73	ug/L	10.6567	0.9	5092.44
Sr 421.552	69.2326	ug/L	0.287791	0.4	165255
Ti 336.122	5270.11	ug/L	15.8768	0.3	1249886
Tl 190.794	-0.583223uv	ug/L	0.971141	166.5	1.20983
V 292.401	178.702	ug/L	0.664574	0.4	6698.02
Zn 202.548	265.705	ug/L	0.240824	0.1	6353.42
Zr 339.198	26.6951	ug/L	0.094364	0.4	1488.52

360-24343-A-8-E (Samp) **9/28/2009, 1:31:44 PM** **Rack 1, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.73698	ug/L	0.190137	4.0	45.1981
Al 237.312	104220	ug/L	64.4296	0.1	396799
As 188.980	83.6874	ug/L	0.372894	0.4	88.3233
B 249.678	6.92930	ug/L	0.282625	4.1	217.678
Ba 493.408	458.503	ug/L	0.560196	0.1	1123636
Be 313.042	5.84092	ug/L	0.010567	0.2	19261.1
Ca 373.690	19593.9	ug/L	13.7610	0.1	93199.7
Cd 214.439	3.79409	ug/L	0.040060	1.1	149.637
Co 228.615	82.7054	ug/L	0.006700	0.0	722.027
Cr 267.716	666.445	ug/L	1.44196	0.2	31187.1
Cu 327.395	169.170	ug/L	1.16438	0.7	11568.2
Fe 273.955	167930	ug/L	511.338	0.3	2038579
K 404.721	22142.6	ug/L	152.873	0.7	306.828
Li 610.365	248.230	ug/L	0.045500	0.0	18137.1
Mg 279.078	41425.9	ug/L	123.155	0.3	174893
Mn 257.610	1561.98	ug/L	3.17326	0.2	462026
Mo 202.032	2.69752	ug/L	0.420843	15.6	32.3930
Na 330.237	302.080	ug/L	42.4360	14.0	51.0508
Ni 216.555	217.890	ug/L	0.414666	0.2	1890.62
Pb 220.353	40.3717	ug/L	0.576078	1.4	203.419
Sb 217.582	1.85366	ug/L	2.17248	117.2	8.35880
Se 196.026	-1.81220uv	ug/L	0.223684	12.3	1.24420
Si 251.611	3959.19	ug/L	55.5783	1.4	20864.6
Si 288.158	3993.29	ug/L	54.8603	1.4	48034.8
Sn 283.998	259.053	ug/L	0.783799	0.3	1167.33
Sr 421.552	80.3938	ug/L	0.047264	0.1	191893
Ti 336.122	5240.81	ug/L	2.94927	0.1	1242938
Tl 190.794	0.083199uv	ug/L	1.91672	2303.8	1.74489
V 292.401	235.407	ug/L	0.487377	0.2	8818.88
Zn 202.548	922.493	ug/L	13.1737	1.4	21897.3
Zr 339.198	24.3483	ug/L	0.141264	0.6	1358.10

360-24343-A-12-D (Samp) **9/28/2009, 1:34:36 PM** **Rack 1, Tube 25**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	69.9923	ug/L	1.08430	1.5	591.881
Al 237.312	176610	ug/L	127.500	0.1	666201
As 188.980	78.6012	ug/L	0.450520	0.6	83.0402
B 249.678	6.85989	ug/L	0.149620	2.2	215.713
Ba 493.408	550.626	ug/L	0.882934	0.2	1349370
Be 313.042	4.63431	ug/L	0.013936	0.3	15286.8
Ca 373.690	49374.3	ug/L	57.4110	0.1	229049
Cd 214.439	4.47303	ug/L	0.075459	1.7	175.617
Co 228.615	134.988	ug/L	0.056473	0.0	1172.86
Cr 267.716	4449.97	ug/L	8.07131	0.2	208140
Cu 327.395	448.229	ug/L	0.438964	0.1	30545.8
Fe 273.955	307122	ug/L	491.395	0.2	3683462
K 404.721	35694.5	ug/L	234.409	0.7	514.628
Li 610.365	194.778	ug/L	0.054121	0.0	14231.4
Mg 279.078	94493.3	ug/L	195.808	0.2	382075

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1922.79	ug/L	0.196889	0.0	568738
Mo 202.032	5.90318	ug/L	0.322061	5.5	61.2771
Na 330.237	4654.04	ug/L	48.5166	1.0	621.718
Ni 216.555	319.978	ug/L	0.048985	0.0	2774.59
Pb 220.353	24.4692	ug/L	0.373062	1.5	125.191
Sb 217.582	-1.95197uv	ug/L	0.462026	23.7	0.871521
Se 196.026	-2.22119uv	ug/L	1.30600	58.8	1.01978
Si 251.611	3750.71	ug/L	91.4882	2.4	19769.9
Si 288.158	3794.45	ug/L	134.278	3.5	45667.6
Sn 283.998	1838.55	ug/L	3.69160	0.2	8239.11
Sr 421.552	110.058	ug/L	0.037553	0.0	262689
Ti 336.122	9128.83	ug/L	14.1318	0.2	2164984
Tl 190.794	0.193999uv	ug/L	2.15182	1109.2	1.83385
V 292.401	488.689	ug/L	1.14633	0.2	18292.1
Zn 202.548	284.815	ug/L	2.30880	0.8	6805.70
Zr 339.198	30.7957	ug/L	0.520858	1.7	1716.42

360-24343-A-15-D (Samp) **9/28/2009, 1:37:30 PM** **Rack 1, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.023219uv	ug/L	0.262280	1129.6	5.31909
Al 237.312	101455	ug/L	379.810	0.4	386508
As 188.980	44.5146	ug/L	0.699689	1.6	47.6335
B 249.678	7.26519	ug/L	0.175431	2.4	227.185
Ba 493.408	398.723	ug/L	1.46803	0.4	977154
Be 313.042	2.44719	ug/L	0.010531	0.4	8083.03
Ca 373.690	43906.8	ug/L	129.622	0.3	204630
Cd 214.439	3.49313	ug/L	0.081320	2.3	138.120
Co 228.615	121.946	ug/L	0.517043	0.4	1060.40
Cr 267.716	276.898	ug/L	1.26560	0.5	12968.3
Cu 327.395	360.092	ug/L	2.24162	0.6	24552.0
Fe 273.955	222786	ug/L	845.180	0.4	2686827
K 404.721	26729.8	ug/L	383.680	1.4	374.940
Li 610.365	115.178	ug/L	0.003814	0.0	8415.16
Mg 279.078	64911.0	ug/L	189.190	0.3	268916
Mn 257.610	2286.71	ug/L	14.5967	0.6	676372
Mo 202.032	0.921845	ug/L	0.388076	42.1	16.3936
Na 330.237	1703.99	ug/L	34.4462	2.0	233.816
Ni 216.555	216.143	ug/L	0.462917	0.2	1875.50
Pb 220.353	20.3734	ug/L	1.03479	5.1	105.043
Sb 217.582	-0.245073uv	ug/L	2.37969	971.0	4.22971
Se 196.026	-3.95940uv	ug/L	0.608248	15.4	0.065964
Si 251.611	1841.18	ug/L	20.6618	1.1	9743.02
Si 288.158	1871.22	ug/L	24.5520	1.3	22771.2
Sn 283.998	93.0993	ug/L	0.651977	0.7	424.313
Sr 421.552	99.6442	ug/L	0.356315	0.4	237836
Ti 336.122	6991.45	ug/L	27.0496	0.4	1658103
Tl 190.794	0.828093uv	ug/L	2.52282	304.7	2.34295
V 292.401	322.982	ug/L	1.47207	0.5	12094.4
Zn 202.548	262.996	ug/L	2.74425	1.0	6289.32
Zr 339.198	22.3235	ug/L	0.139366	0.6	1245.57

360-24365-A-2-C (Samp) **9/28/2009, 1:40:24 PM** **Rack 1, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.063522uv	ug/L	0.214926	338.3	4.98144
Al 237.312	83810.4	ug/L	261.011	0.3	320845
As 188.980	46.2589	ug/L	0.673287	1.5	49.4453
B 249.678	5.28135	ug/L	0.009545	0.2	171.034
Ba 493.408	250.287	ug/L	0.679690	0.3	613432
Be 313.042	2.54531	ug/L	0.007604	0.3	8406.21
Ca 373.690	27379.4	ug/L	94.2979	0.3	129388
Cd 214.439	2.84608	ug/L	0.055123	1.9	113.360
Co 228.615	108.003	ug/L	0.225805	0.2	940.163
Cr 267.716	227.401	ug/L	1.10615	0.5	10653.3
Cu 327.395	264.443	ug/L	0.603742	0.2	18047.3
Fe 273.955	175799	ug/L	687.385	0.4	2131567
K 404.721	20469.3	ug/L	428.275	2.1	282.554
Li 610.365	100.032	ug/L	0.095019	0.1	7308.39
Mg 279.078	49106.9	ug/L	183.599	0.4	206052
Mn 257.610	1677.51	ug/L	4.67034	0.3	496193
Mo 202.032	1.78139	ug/L	0.049161	2.8	24.1384
Na 330.237	1094.71	ug/L	6.24787	0.6	154.260
Ni 216.555	163.018	ug/L	0.309586	0.2	1415.51
Pb 220.353	27.1937	ug/L	0.078048	0.3	138.594
Sb 217.582	-0.710385uv	ug/L	1.46797	206.6	3.31424
Se 196.026	-2.42763uv	ug/L	0.669714	27.6	0.906494
Si 251.611	2170.94	ug/L	20.9696	1.0	11474.6
Si 288.158	2197.08	ug/L	11.2923	0.5	26650.6
Sn 283.998	76.1748	ug/L	0.229149	0.3	348.538
Sr 421.552	65.1638	ug/L	0.193193	0.3	155545
Ti 336.122	4818.42	ug/L	7.23127	0.2	1142769
Tl 190.794	-0.268964uv	ug/L	1.95693	727.6	1.46214
V 292.401	231.040	ug/L	1.09971	0.5	8655.56
Zn 202.548	221.137	ug/L	1.56898	0.7	5298.66
Zr 339.198	20.1823	ug/L	0.117644	0.6	1126.58

360-24365-A-6-F (Samp) **9/28/2009, 1:43:18 PM** **Rack 1, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	-0.057097uv	ug/L	0.545187	954.9	5.03528
Al 237.312	109097	ug/L	689.125	0.6	414951
As 188.980	57.1747	ug/L	0.143658	0.3	60.7839
B 249.678	7.25966	ug/L	0.111646	1.5	227.028
Ba 493.408	447.628	ug/L	2.91088	0.7	1096987
Be 313.042	3.24269	ug/L	0.015621	0.5	10703.2
Ca 373.690	29856.1	ug/L	223.754	0.7	140800
Cd 214.439	3.19465	ug/L	0.086272	2.7	126.698
Co 228.615	88.4252	ug/L	0.210440	0.2	771.348
Cr 267.716	181.390	ug/L	1.11850	0.6	8501.41
Cu 327.395	388.205	ug/L	1.79321	0.5	26463.9
Fe 273.955	221892	ug/L	814.907	0.4	2676268
K 404.721	28645.0	ug/L	171.933	0.6	404.049
Li 610.365	101.312	ug/L	0.559160	0.6	7401.92
Mg 279.078	51183.3	ug/L	259.196	0.5	214407

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	1380.80	ug/L	7.09299	0.5	408436
Mo 202.032	1.58657	ug/L	0.186410	11.7	22.3830
Na 330.237	902.540	ug/L	3.11837	0.3	129.208
Ni 216.555	144.327	ug/L	0.523587	0.4	1253.66
Pb 220.353	20.1575	ug/L	0.624069	3.1	103.981
Sb 217.582	-1.37142uv	ug/L	0.353243	25.8	2.01370
Se 196.026	-0.785857uv	ug/L	0.345239	43.9	1.80739
Si 251.611	2423.84	ug/L	0.472843	0.0	12802.5
Si 288.158	2454.88	ug/L	12.8710	0.5	29719.7
Sn 283.998	53.4384	ug/L	0.031619	0.1	246.742
Sr 421.552	73.9401	ug/L	0.420093	0.6	176490
Ti 336.122	5904.91	ug/L	31.6820	0.5	1400430
Tl 190.794	-0.183746uv	ug/L	1.66811	907.8	1.53056
V 292.401	286.514	ug/L	1.08582	0.4	10730.4
Zn 202.548	330.285	ug/L	2.34926	0.7	7881.82
Zr 339.198	21.6900	ug/L	0.158638	0.7	1210.37

360-24365-A-9-E (Samp) **9/28/2009, 1:46:11 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.186254	ug/L	0.029261	15.7	7.07398
Al 237.312	106169	ug/L	130.030	0.1	404053
As 188.980	113.211	ug/L	0.421862	0.4	118.991
B 249.678	9.79415	ug/L	0.077508	0.8	298.765
Ba 493.408	341.075	ug/L	0.435079	0.1	835896
Be 313.042	3.00208	ug/L	0.009161	0.3	9910.70
Ca 373.690	46280.5	ug/L	107.745	0.2	215261
Cd 214.439	3.33563	ug/L	0.107568	3.2	132.093
Co 228.615	104.600	ug/L	0.329989	0.3	910.825
Cr 267.716	245.939	ug/L	0.465139	0.2	11520.3
Cu 327.395	422.286	ug/L	2.81749	0.7	28781.5
Fe 273.955	215431	ug/L	425.214	0.2	2599916
K 404.721	14692.1	ug/L	31.3185	0.2	201.065
Li 610.365	136.600	ug/L	0.182862	0.1	9980.41
Mg 279.078	46430.8	ug/L	96.9372	0.2	195241
Mn 257.610	1554.68	ug/L	3.36782	0.2	459864
Mo 202.032	4.18390	ug/L	0.383959	9.2	45.7858
Na 330.237	1886.43	ug/L	44.4543	2.4	257.676
Ni 216.555	182.090	ug/L	0.030254	0.0	1580.64
Pb 220.353	36.6877	ug/L	0.534511	1.5	185.297
Sb 217.582	-0.509140uv	ug/L	2.05630	403.9	3.71018
Se 196.026	-1.13248uv	ug/L	0.024382	2.2	1.61719
Si 251.611	3415.31	ug/L	43.7545	1.3	18008.7
Si 288.158	3441.61	ug/L	46.7640	1.4	41467.0
Sn 283.998	78.8380	ug/L	2.12123	2.7	360.462
Sr 421.552	88.1886	ug/L	0.045111	0.1	210496
Ti 336.122	6508.98	ug/L	12.7887	0.2	1543685
Tl 190.794	0.710271	ug/L	0.122103	17.2	2.24835
V 292.401	433.757	ug/L	0.934141	0.2	16237.5
Zn 202.548	294.466	ug/L	5.19799	1.8	7034.11
Zr 339.198	24.8028	ug/L	0.037132	0.1	1383.36

360-24365-A-14-E (Samp) **9/28/2009, 1:49:04 PM** **Rack 1, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.037652uv	ug/L	0.120291	319.5	5.82904
Al 237.312	95102.1	ug/L	230.721	0.2	362867
As 188.980	57.3950	ug/L	0.088137	0.2	61.0128
B 249.678	4.03254	ug/L	0.128510	3.2	135.687
Ba 493.408	259.060	ug/L	0.307611	0.1	634928
Be 313.042	2.97620	ug/L	0.008912	0.3	9825.46
Ca 373.690	24158.6	ug/L	81.4927	0.3	114475
Cd 214.439	2.32036	ug/L	0.086380	3.7	93.2425
Co 228.615	65.1881	ug/L	0.524477	0.8	570.976
Cr 267.716	210.093	ug/L	0.577384	0.3	9843.82
Cu 327.395	177.270	ug/L	0.166170	0.1	12119.1
Fe 273.955	166873	ug/L	162.690	0.1	2026083
K 404.721	17155.3	ug/L	513.854	3.0	235.372
Li 610.365	189.998	ug/L	0.461147	0.2	13882.2
Mg 279.078	42582.1	ug/L	128.014	0.3	179608
Mn 257.610	1379.37	ug/L	4.69408	0.3	408014
Mo 202.032	3.17123	ug/L	0.386128	12.2	36.6613
Na 330.237	1113.09	ug/L	21.6385	1.9	156.658
Ni 216.555	133.322	ug/L	0.236119	0.2	1158.38
Pb 220.353	25.0789	ug/L	0.201981	0.8	128.191
Sb 217.582	0.218626uv	ug/L	3.51648	1608.4	5.14200
Se 196.026	-0.201569uv	ug/L	2.35698	1169.3	2.12801
Si 251.611	2253.95	ug/L	8.58852	0.4	11910.4
Si 288.158	2272.04	ug/L	3.10084	0.1	27543.0
Sn 283.998	69.1567	ug/L	1.06890	1.5	317.116
Sr 421.552	61.3817	ug/L	0.184704	0.3	146518
Ti 336.122	5080.50	ug/L	4.71151	0.1	1204921
Tl 190.794	0.022982uv	ug/L	0.076076	331.0	1.69654
V 292.401	212.526	ug/L	0.926934	0.4	7963.12
Zn 202.548	266.227	ug/L	0.446495	0.2	6365.79
Zr 339.198	20.9283	ug/L	0.283107	1.4	1168.04

CCV (CCV) **9/28/2009, 1:51:58 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	986.113	ug/L	1.97186	0.2	8266.78	98.61131
Al 237.312	4952.96	ug/L	6.31217	0.1	21627.0	99.05925
As 188.980	974.086	ug/L	0.286356	0.0	1013.21	97.40861
B 249.678	982.335	ug/L	13.1057	1.3	27825.8	98.23347
Ba 493.408	997.523	ug/L	1.46126	0.1	2444431	99.75235
Be 313.042	976.266	ug/L	2.14756	0.2	3215582	97.62658
Ca 373.690	19541.5	ug/L	44.2618	0.2	92954.9	97.70767
Cd 214.439	969.701	ug/L	1.19437	0.1	37111.5	96.97014
Co 228.615	975.537	ug/L	2.29883	0.2	8420.86	97.55375
Cr 267.716	975.683	ug/L	1.38923	0.1	45650.0	97.56828
Cu 327.395	981.912	ug/L	4.90076	0.5	66839.3	98.19124
Fe 273.955	4902.92	ug/L	7.82927	0.2	77098.0	98.05830
K 404.721	20503.5	ug/L	399.841	2.0	283.048	102.51770
Li 610.365	4923.80	ug/L	11.4687	0.2	359776	98.47592
Mg 279.078	19512.2	ug/L	34.1897	0.2	83817.6	97.56097

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	979.713	ug/L	1.90169	0.2	289812	97.97133
Mo 202.032	978.043	ug/L	2.98928	0.3	8820.59	97.80431
Na 330.237	19787.6	ug/L	28.9279	0.1	2682.10	98.93782
Ni 216.555	974.062	ug/L	1.16515	0.1	8438.14	97.40617
Pb 220.353	974.708	ug/L	4.00143	0.4	4799.64	97.47079
Sb 217.582	989.430	ug/L	1.88732	0.2	1951.34	98.94301
Se 196.026	974.520	ug/L	1.91360	0.2	536.989	97.45203
Si 251.611	987.891	ug/L	14.9625	1.5	5262.48	98.78913
Si 288.158	979.006	ug/L	14.6397	1.5	12149.2	97.90062
Sn 283.998	975.630	ug/L	1.27391	0.1	4375.61	97.56295
Sr 421.552	990.790	ug/L	1.75361	0.2	2364644	99.07896
Ti 336.122	985.009	ug/L	1.22958	0.1	233672	98.50086
Tl 190.794	972.709	ug/L	4.35554	0.4	782.647	97.27095
V 292.401	983.310	ug/L	2.47474	0.3	36791.7	98.33102
Zn 202.548	962.101	ug/L	1.95102	0.2	22834.7	96.21014
Zr 339.198	964.577	ug/L	6.86615	0.7	53610.9	96.45772

CCB (CCB) **9/28/2009, 1:54:51 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.699650uv	ug/L	0.142824	20.4	-0.347778	-0.69965
Al 237.312	2.04901	ug/L	0.050586	2.5	12.9352	2.04901
As 188.980	1.09922	ug/L	1.05327	95.8	2.53677	1.09922
B 249.678	24.5518	ug/L	4.45850	18.2	716.469	24.55179
Ba 493.408	0.043962	ug/L	0.001904	4.3	245.619	0.04396
Be 313.042	0.045512	ug/L	0.000256	0.6	172.550	0.04551
Ca 373.690	1.16125	ug/L	0.270708	23.3	24.2799	1.16125
Cd 214.439	0.006390uv	ug/L	0.064510	1009.5	4.69492	0.00639
Co 228.615	-0.005073uv	ug/L	0.105915	2087.7	8.81892	-0.00507
Cr 267.716	0.026734	ug/L	0.023282	87.1	19.1738	0.02673
Cu 327.395	-0.022543uv	ug/L	0.006336	28.1	62.1914	-0.02254
Fe 273.955	3.67136	ug/L	0.996796	27.2	96.8052	3.67136
K 404.721	58.5130	ug/L	24.9365	42.6	10.8527	58.51300
Li 610.365	-0.095132uv	ug/L	0.009488	10.0	-7.75391	-0.09513
Mg 279.078	1.64211	ug/L	0.594144	36.2	14.1544	1.64211
Mn 257.610	0.039437	ug/L	0.005755	14.6	62.0665	0.03944
Mo 202.032	10.1834	ug/L	2.20660	21.7	99.8438	10.18345
Na 330.237	-23.7339uv	ug/L	25.3860	107.0	8.71936	-23.73393
Ni 216.555	0.087608	ug/L	0.020214	23.1	4.72621	0.08761
Pb 220.353	0.311157	ug/L	0.206723	66.4	6.35234	0.31116
Sb 217.582	0.694804	ug/L	0.186186	26.8	6.07884	0.69480
Se 196.026	2.74799	ug/L	1.19210	43.4	3.74652	2.74799
Si 251.611	1.06110uv	ug/L	4.08232	384.7	80.7128	1.06110
Si 288.158	0.663603uv	ug/L	4.20582	633.8	501.777	0.66360
Sn 283.998	0.978950	ug/L	0.258744	26.4	11.8684	0.97895
Sr 421.552	0.047575	ug/L	0.001157	2.4	138.194	0.04758
Ti 336.122	0.678832	ug/L	0.384146	56.6	237.494	0.67883
Tl 190.794	1.41212	ug/L	0.116278	8.2	2.81186	1.41212
V 292.401	0.093713	ug/L	0.000009	0.0	17.7860	0.09371
Zn 202.548	-0.779155uv	ug/L	0.093999	12.1	46.6852	-0.77916
Zr 339.198	0.620137	ug/L	0.187196	30.2	39.4217	0.62014

360-24365-A-16-G (Samp) **9/28/2009, 1:57:45 PM** **Rack 1, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	4.55213	ug/L	0.181719	4.0	43.6496
Al 237.312	57219.8	ug/L	342.969	0.6	221887
As 188.980	110.734	ug/L	1.38173	1.2	116.418
B 249.678	13.3385	ug/L	0.586231	4.4	399.086
Ba 493.408	178.659	ug/L	0.965906	0.5	437917
Be 313.042	2.26643	ug/L	0.009607	0.4	7487.67
Ca 373.690	10650.3	ug/L	78.3867	0.7	51041.5
Cd 214.439	1.52015	ug/L	0.024846	1.6	62.6210
Co 228.615	25.2553	ug/L	0.588200	2.3	226.637
Cr 267.716	372.338	ug/L	2.30038	0.6	17431.9
Cu 327.395	117.840	ug/L	0.670686	0.6	8077.51
Fe 273.955	113991	ug/L	972.228	0.9	1401162
K 404.721	10169.7	ug/L	383.159	3.8	139.807
Li 610.365	64.7055	ug/L	0.353942	0.5	4727.16
Mg 279.078	12691.0	ug/L	74.5231	0.6	54809.4
Mn 257.610	465.094	ug/L	2.11126	0.5	137607
Mo 202.032	7.87137	ug/L	0.930085	11.8	79.0112
Na 330.237	492.649	ug/L	19.4863	4.0	75.8354
Ni 216.555	73.3906	ug/L	0.607767	0.8	639.440
Pb 220.353	98.0802	ug/L	0.384169	0.4	487.301
Sb 217.582	-0.139006uv	ug/L	0.812813	584.7	4.43839
Se 196.026	-0.022906uv	ug/L	3.15175	13759.3	2.22604
Si 251.611	3268.22	ug/L	3.58094	0.1	17236.3
Si 288.158	3297.66	ug/L	4.63555	0.1	39753.2
Sn 283.998	144.424	ug/L	2.80999	1.9	654.105
Sr 421.552	32.3997	ug/L	0.167614	0.5	77349.8
Ti 336.122	3078.71	ug/L	26.1013	0.8	730195
Tl 190.794	-0.599614uv	ug/L	0.805161	134.3	1.19667
V 292.401	159.749	ug/L	0.954652	0.6	5989.18
Zn 202.548	120.048	ug/L	0.830416	0.7	2906.24
Zr 339.198	79.0801	ug/L	10.2033	12.9	4399.80

icsa (Samp) **9/28/2009, 3:00:01 PM** **Rack 1, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	0.146286uv	ug/L	0.589388	402.9	6.73914
Al 237.312	114843	ug/L	249.813	0.2	436335
As 188.980	1.12502	ug/L	0.331169	29.4	2.56357
B 249.678	6.57553	ug/L	0.033240	0.5	207.664
Ba 493.408	0.396663	ug/L	0.000263	0.1	1109.86
Be 313.042	0.011112	ug/L	0.000284	2.6	59.2473
Ca 373.690	105153	ug/L	216.822	0.2	464858
Cd 214.439	0.624182	ug/L	0.031843	5.1	28.3356
Co 228.615	1.55920	ug/L	0.022708	1.5	22.3076
Cr 267.716	0.420803	ug/L	0.060399	14.4	37.6041
Cu 327.395	0.951727	ug/L	0.198126	20.8	128.447
Fe 273.955	44584.1	ug/L	41.3464	0.1	580954
K 404.721	1797.96	ug/L	482.589	26.8	32.2532
Li 610.365	0.955273	ug/L	0.114539	12.0	68.9980
Mg 279.078	110890	ug/L	161.176	0.1	442661

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Mn 257.610	3.36566	ug/L	0.000230	0.0	1045.83
Mo 202.032	0.732193	ug/L	0.339410	46.4	14.6848
Na 330.237	37.4711uv	ug/L	63.2980	168.9	16.6679
Ni 216.555	5.00597	ug/L	0.246088	4.9	47.3132
Pb 220.353	-1.49782uv	ug/L	0.028478	1.9	-2.54645
Sb 217.582	0.003374uv	ug/L	1.01689	30141.2	4.71851
Se 196.026	0.346014uv	ug/L	1.45257	419.8	2.42848
Si 251.611	-6.73288uv	ug/L	0.201798	3.0	39.7872
Si 288.158	-6.36449uv	ug/L	0.022679	0.4	418.106
Sn 283.998	2.11511	ug/L	0.733026	34.7	16.9552
Sr 421.552	0.599594	ug/L	0.001769	0.3	1455.64
Ti 336.122	1.50454	ug/L	0.073797	4.9	433.310
Tl 190.794	1.56463	ug/L	1.73217	110.7	2.93430
V 292.401	2.20856	ug/L	0.015462	0.7	96.8848
Zn 202.548	-0.641578uv	ug/L	1.63862	255.4	49.9412
Zr 339.198	0.635077	ug/L	0.005697	0.9	40.2519

icsab (Samp) **9/28/2009, 3:02:54 PM** **Rack 1, Tube 33**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 338.289	608.825	ug/L	0.893465	0.1	5106.00
Al 237.312	113519	ug/L	121.396	0.1	431405
As 188.980	1982.35	ug/L	0.223388	0.0	2060.52
B 249.678	4.50795	ug/L	0.276928	6.1	149.143
Ba 493.408	588.437	ug/L	0.289377	0.0	1442020
Be 313.042	190.465	ug/L	0.125407	0.1	627363
Ca 373.690	105393	ug/L	946.148	0.9	465829
Cd 214.439	576.716	ug/L	1.31745	0.2	22073.3
Co 228.615	576.323	ug/L	0.217820	0.0	4978.46
Cr 267.716	571.051	ug/L	0.406034	0.1	26725.6
Cu 327.395	594.850	ug/L	4.32136	0.7	40516.9
Fe 273.955	43944.0	ug/L	29.0356	0.1	573389
K 404.721	42884.6	ug/L	36.0680	0.1	632.961
Li 610.365	0.910901	ug/L	0.032850	3.6	65.7559
Mg 279.078	108251	ug/L	108.127	0.1	432926
Mn 257.610	384.317	ug/L	0.125591	0.0	113717
Mo 202.032	0.324421	ug/L	0.086864	26.8	11.0106
Na 330.237	-88.2236uv	ug/L	22.8029	25.8	0.345215
Ni 216.555	576.879	ug/L	1.23269	0.2	4999.03
Pb 220.353	1884.53	ug/L	6.53988	0.3	9275.25
Sb 217.582	942.543	ug/L	2.68954	0.3	1859.09
Se 196.026	980.183	ug/L	2.29857	0.2	540.096
Si 251.611	-6.96194uv	ug/L	0.377952	5.4	38.5845
Si 288.158	-5.50952uv	ug/L	0.256531	4.7	428.284
Sn 283.998	246.527	ug/L	1.29558	0.5	1111.24
Sr 421.552	0.623628	ug/L	0.001480	0.2	1513.00
Ti 336.122	1.58865	ug/L	0.079394	5.0	453.258
Tl 190.794	1880.22	ug/L	5.30822	0.3	1511.27
V 292.401	589.703	ug/L	0.110701	0.0	22070.2
Zn 202.548	558.773	ug/L	2.91496	0.5	13289.3
Zr 339.198	1.58871	ug/L	0.105678	6.7	93.2495

CCV (CCV) **9/28/2009, 3:26:02 PM** **Rack 4, Tube 2**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	988.037	ug/L	0.201765	0.0	8282.90	98.80373
Al 237.312	4948.05	ug/L	6.76378	0.1	21605.9	98.96105
As 188.980	982.063	ug/L	5.72492	0.6	1021.49	98.20634
B 249.678	1010.82	ug/L	13.8094	1.4	28632.1	101.08220
Ba 493.408	992.068	ug/L	1.22440	0.1	2431063	99.20680
Be 313.042	992.676	ug/L	0.813017	0.1	3269631	99.26756
Ca 373.690	19801.7	ug/L	26.7900	0.1	94171.9	99.00845
Cd 214.439	987.935	ug/L	0.644355	0.1	37809.2	98.79353
Co 228.615	988.585	ug/L	1.13494	0.1	8533.37	98.85854
Cr 267.716	986.302	ug/L	0.965971	0.1	46146.6	98.63017
Cu 327.395	979.548	ug/L	0.750912	0.1	66678.5	97.95482
Fe 273.955	4945.86	ug/L	1.43631	0.0	77754.6	98.91726
K 404.721	20475.5	ug/L	59.8417	0.3	282.639	102.37750
Li 610.365	4956.79	ug/L	7.44465	0.2	362186	99.13575
Mg 279.078	19741.0	ug/L	31.5740	0.2	84785.3	98.70512
Mn 257.610	987.632	ug/L	1.29993	0.1	292154	98.76319
Mo 202.032	985.975	ug/L	2.86490	0.3	8892.05	98.59747
Na 330.237	19759.4	ug/L	4.47328	0.0	2678.15	98.79688
Ni 216.555	983.830	ug/L	1.27688	0.1	8522.72	98.38302
Pb 220.353	985.675	ug/L	0.559807	0.1	4853.59	98.56749
Sb 217.582	993.407	ug/L	1.26165	0.1	1959.16	99.34068
Se 196.026	987.828	ug/L	1.32060	0.1	544.292	98.78284
Si 251.611	1000.12	ug/L	9.84231	1.0	5326.67	100.01160
Si 288.158	993.388	ug/L	8.72429	0.9	12320.4	99.33884
Sn 283.998	983.824	ug/L	0.116657	0.0	4412.30	98.38242
Sr 421.552	991.115	ug/L	1.18750	0.1	2365420	99.11147
Ti 336.122	987.536	ug/L	5.60053	0.6	234271	98.75356
Tl 190.794	981.197	ug/L	3.31491	0.3	789.462	98.11969
V 292.401	993.628	ug/L	0.721263	0.1	37177.6	99.36279
Zn 202.548	981.949	ug/L	0.172202	0.0	23304.4	98.19493
Zr 339.198	1001.82	ug/L	0.020846	0.0	55680.7	100.18220

CCB (CCB) **9/28/2009, 3:28:55 PM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 338.289	-0.299245uv	ug/L	0.060470	20.2	3.00665	-0.29925
Al 237.312	0.946048	ug/L	0.483036	51.1	8.04193	0.94605
As 188.980	2.68350	ug/L	1.00116	37.3	4.18240	2.68350
B 249.678	31.4103	ug/L	4.84632	15.4	910.594	31.41029
Ba 493.408	0.076424	ug/L	0.003806	5.0	325.162	0.07642
Be 313.042	0.079175	ug/L	0.001278	1.6	283.427	0.07918
Ca 373.690	2.53284	ug/L	0.027578	1.1	30.9082	2.53284
Cd 214.439	0.057463	ug/L	0.015838	27.6	6.64929	0.05746
Co 228.615	0.169065uv	ug/L	0.302934	179.2	10.3205	0.16907
Cr 267.716	0.185130	ug/L	0.017365	9.4	26.5819	0.18513
Cu 327.395	0.135894	ug/L	0.072272	53.2	72.9661	0.13589
Fe 273.955	3.03398	ug/L	0.526305	17.3	86.5175	3.03398
K 404.721	212.008uv	ug/L	457.078	215.6	12.7327	212.00751
Li 610.365	-0.221123uv	ug/L	0.032302	14.6	-16.9600	-0.22112
Mg 279.078	2.79215	ug/L	0.061301	2.2	19.1695	2.79215

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Mn 257.610	0.076855	ug/L	0.007981	10.4	73.1331	0.07685
Mo 202.032	10.7903	ug/L	2.40478	22.3	105.312	10.79030
Na 330.237	-26.1095uv	ug/L	36.4405	139.6	8.41089	-26.10949
Ni 216.555	0.052881uv	ug/L	0.148556	280.9	4.42552	0.05288
Pb 220.353	0.240388	ug/L	0.142726	59.4	6.00421	0.24039
Sb 217.582	-0.152260uv	ug/L	0.358651	235.6	4.41231	-0.15226
Se 196.026	1.79989	ug/L	1.07218	59.6	3.22627	1.79989
Si 251.611	1.42391	ug/L	0.784728	55.1	82.6179	1.42391
Si 288.158	1.43334	ug/L	0.725947	50.6	510.941	1.43334
Sn 283.998	2.21828	ug/L	0.012647	0.6	17.4171	2.21828
Sr 421.552	0.079991	ug/L	0.005066	6.3	215.557	0.07999
Ti 336.122	0.316145	ug/L	0.154765	49.0	151.482	0.31614
Tl 190.794	2.80589	ug/L	0.417470	14.9	3.93089	2.80589
V 292.401	0.332795	ug/L	0.106126	31.9	26.7281	0.33279
Zn 202.548	-0.767795uv	ug/L	0.052394	6.8	46.9541	-0.76779
Zr 339.198	0.673851	ug/L	0.114868	17.0	42.4068	0.67385

Metals Worksheet

Batch Number: 360-49480
Method: 3050B
Analyst: Burton, Teresa F

Date Open: Sep 25 2009 8:24AM
Batch End: Sep 25 2009 1:30PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	stlma-3_00039	stlma2_00035
MB~360-49480/1		3050B, 6010B		2.0 g	100 mL		
LCS~360-49480/2		3050B, 6010B		2.0 g	100 mL	1.0 mL	1.0 mL
LCSD~360-49480/3		3050B, 6010B		2.0 g	100 mL	1.0 mL	1.0 mL
360-24665-A-1	OC-SS-434-0.0/1.0-XXX		T	1.62 g	100 mL		
360-24665-A-1~DU			T	1.63 g	100 mL		
360-24665-A-1~MS			T	1.60 g	100 mL	1.0 mL	1.0 mL
360-24665-A-2	OC-SS-435-0.0/1.0-XXX		T	1.62 g	100 mL		
360-24665-A-3	OC-SS-436-0.0/1.0-XXX		T	1.76 g	100 mL		
360-24665-A-4	OC-SS-437-0.0/1.0-XXX		T	1.88 g	100 mL		
360-24665-A-5	OC-SS-440-0.0/1.0-XXX		T	1.64 g	100 mL		
360-24665-A-6	OC-SS-442-0.0/1.0-XXX		T	1.95 g	100 mL		
360-24665-A-7	OC-SS-449-0.0/1.0-XXX		T	1.60 g	100 mL		
360-24665-A-8	OC-SS-450-0.0/1.0-XXX		T	1.79 g	100 mL		
360-24665-A-9	OC-SS-451-0.0/1.0-XXX		T	1.55 g	100 mL		
360-24665-A-10	OC-SS-454-0.0/1.0-XXX		T	1.91 g	100 mL		
360-24665-A-11	OC-SS-455-0.0/1.0-XXX		T	1.80 g	100 mL		
360-24665-A-12	OC-SS-460-0.0/1.0-XXX		T	1.69 g	100 mL		
360-24665-A-13	OC-SB-406-0.0/1.0-XXX		T	1.60 g	100 mL		
360-24665-A-14	OC-SB-406-13/15-XXX	3050B, 6010B	T	1.73 g	100 mL		
360-24665-A-15	OC-SB-406-8.0/10-XXX		T	2.00 g	100 mL		
360-24665-A-16	OC-SB-413-0.0/1.0-XXX		T	1.87 g	100 mL		
360-24665-A-17	OC-SB-413-1.0/5.0-XXX		T	1.66 g	100 mL		
360-24665-A-18	OC-SB-413-10/12-XXX	3050B, 6010B	T	1.57 g	100 mL		

Balance ID:	37037	Lot # of Nitric Acid:	432376
Hood ID or number:	5	Logbook ID for diluted Nitric:	436954
Hot Block ID number:	2	Hydrogen peroxide lot number:	415984
Lot # of hydrochloric acid:	432372	Oven, Bath or Block Temperature 1:	95 Degrees C

Shipping and Receiving Documents

State Accreditation Matrix

Method Name	Description	State where Primary Accreditation is Carried				
		New York (NELAC)	Mass	Conn	Florida (NELAC)	North Carolina
821-R-02-012	Toxicity, Acute (48-Hour)(list upon request)				NP	
SM 4500 Cl F	Chlorine, Residual		NP			
SM 9215B	Heterotrophic Plate Count (Pour Plate Method)		P			
SM 9215E	Heterotrophic Plate Count (SimPlate)		P			
SM 9221F	E.Coli (Multiple-Tube Fermentation; EC-MUG)		P			
SM 9222B	Coliforms, Total (Membrane Filter)		P			
SM 9222D	Coliforms, Fecal (Membrane Filter)		P/NP			
SM 9223	Coliforms, Total, and E.Coli (Colilert-P/A)		P			
200.8	Metals (ICP/MS) (list upon request)	NP/P	NP/P	NP/P		
200.7 Rev 4.4	Metals (ICP)(list upon request)	NP/P	NP/P	NP/P		
6010B	Metals (ICP)(list upon request)	NP/SW		NP/SW		
245.1	Mercury (CVAA)	NP/P	NP	NP/P		
7470A	Mercury (CVAA)	NP		NP		
7471A	Mercury (CVAA)	SW		SW		
SM 2340B	Total Hardness (as CaCO3) by calculation	NP/P	NP	NP/P		
3005A	Preparation, Total Recoverable or Dissolved Metals	NP/P		NP/P		
3010A	Preparation, Total Metals	NP/P		NP/P		
3020A	Preparation, Total Metals	NP/P/SW		NP/P/SW		
3050B	Preparation, Metals	SW		SW		
504.1	EDB, DBCP and 1,2,3-TCP (GC)		P	P		
608	Organochlorine Pest/PCBs (list upon request)	NP	NP	NP		
625	Semivolatile Org Comp (GC/MS)(list upon request)	NP		NP		
3546	Microwave Extraction	SW				
3510C	Liquid-Liquid Extraction (Separatory Funnel)	NP		NP		
3540C	Soxhlet Extraction					
3550B	Ultrasonic Extraction	SW		SW		
600/4-81-045	Polychlorinated Biphenyls (PCBs) (GC)		NP	NP		
8081A	Organochlorine Pesticides (GC)(list upon request)	NP/SW		NP/SW		
8082A	PCBs by Gas Chromatography(list upon request)	NP/SW		NP/SW		
8270C	Semivolatile Comp.(GC/MS)(list upon request)	NP/SW		NP/SW		
CT ETPH	Conn - Ext. Total petroleum Hydrocarbons (GC)			NP/SW		
MA-EPH	Mass - Extractable Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
524.2	Volatile Org Comp (GC/MS)(list upon request)	P	P	P		
524.2	Trihalomethanes		P	P		
624	Volatile Org Comp (GC/MS)(list upon request)	NP	NP	NP		
5035	Closed System Purge and Trap	SW		SW		
5030B	Purge and Trap	NP		NP		
8260B	Volatile Org Comp. (GC/MS)(list upon request)	NP/SW		NP/SW		
MAVPH	Mass - Volatile Petroleum Hydrocarbons (GC)			NP/SW		NP/SW
180.1	Turbidity, Nephelometric		P	P		
300	Anions, Ion Chromatography	NP/P	NP/P	NP/P		
410.4	COD	NP	NP	NP		
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW		SW		
10-107-06-2	Nitrogen, Total Kjeldahl	NP	NP	NP		
7196A	Chromium, Hexavalent	NP/SW		NP/SW		
9012A	Cyanide, Total and/or Amenable	NP/SW		NP/SW		
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	NP		NP		
9040B	pH	NP		NP		
9045C	pH	SW		SW		
L107041C	Nitrogen, Nitrate	NP	P	NP/P		
L107-06-1B	Nitrogen Ammonia	NP	NP	NP/P		
L204001A CN	Cyanide, Total		NP/P	NP/P		
L210-001A	Phenolics, Total Recoverable	NP	NP	NP		
SM 2320B	Alkalinity	NP/P	NP/P	NP/P		
SM 2510B	Conductivity, Specific Conductance	NP/P	NP/P	NP/P		
SM 2540C	Solids, Total Dissolved (TDS)	NP/P	NP/P	NP/P		
SM 2540D	Solids, Total Suspended (TSS)	NP	NP	NP		
SM 3500 CR D	Chromium, Hexavalent	NP		NP		
SM 4500 H+ B	pH	NP/P	NP/P	NP/P		
SM 4500 NO2 B	Nitrogen, Nitrite	NP	P	NP/P		
SM 4500 P E	Phosphorus, Orthophosphate	NP/P	NP	NP/P		
SM 4500 P E	Phosphorus, Total	NP	NP	NP		
SM 4500 S2 D	Sulfide, Total	NP		NP		
SM 5210B	BOD, 5-Day	NP	NP	NP		
SM 5310B	Organic Carbon, Total (TOC)	NP	NP	NP/P		

Not all organic compounds are accreditied under NELAC
For methods with multiple compounds all compounds may not meet NELAC criteria, listing should be obtained from the laboratory
The lab carries additional accreditations with several states. This is listing is subject to change based on the laboratories current certification standing.

Login Sample Receipt Check List

Client: Olin Corporation

Job Number: 360-24665-2
SDG Number: OCRI-17A

Login Number: 24665
List Source: TestAmerica Westfield
Creator: Rinard, Kimberley A
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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	0.2 C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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.	N/A	
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	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	

TAL-Soil

360-24665

Client:	Olin Corporation	Client Project #:	6107090016
Address:	3855 North Ocoee St. Suite 200	Work Site ID:	Wilmington, MA
	Cleveland, TN 37312	Reports Sent To:	Steve Morrow
Phone:	423-336-4511	Fax: 423-336-1466	Email SGMorrow@olin.com Email Rpt:____

Requested Turnaround Time (SPECIFY): Standard_____ Rush_____ (Lab Approval Required)

Regulatory Programs: MADEP MCP____ Superfund _____

Report Requirements Level IV Package ____ Level II Package _____

EDD Requirements: MACTEC EQUIS EZ EDD _____

INVOICE INFO — Shaded Areas for office use only

Company Name: Olin Corp

Company Contact: ERG Accounts Payable

Address: Same as Client

Phone: Email

Job # _____ Quote # _____

Lab SDG #_____ PO #_____

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)* (ME V)	SVOA and TICs (8270C) (G)	NDMA (Modified 8270C) (G)	Diphenylamine (8270C)** (G)	EPH (MADEP-EPH-04-1.1) (G)	VPH (MADEP-VPH-04-1.1) (ME V)	TAL Metals (6010B / 7471A) (G)	PCBs (8082) (G)	Anions (EPA 300)*** (G)	Amonnia (LACHAT) (G)	TOC (Lloyd Kahn) (G)	Phathalic Anhydride (Mod 8000 HPLC) (G)							Formaldehyde/Acetaldehyde (SW-846 8315A)* (G)	Phthalic Anhydride (acid) (Method 8000 - LC)* (G)			<--Preservative Type (4) <--Bottle Type (5) Comments (Special Instructions)
OC-SS-434-0.0/1.0-XXX	9/16/2009 4:15:00 PM	T	FS	SO	G	9	X	X	X	X			X		X	X	X								X	X			Category 1
OC-SS-435-0.0/1.0-XXX	9/16/2009 3:40:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida

* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida

** = Using Method 3620B

*** = Sulfate, Chloride

Cooler? (Y) N — MADEP Requirement Samples Iced? Y / N

Temp @ receipt: 0.2°C Deg C

Preservation / pH checked? Y (N)

By: KAN Date: 9/17/09

Relinquished: _____ **Date:** 9/17/09 **Time:** 1415 **Received:** _____ **Date:** 9/17/09 **Time:** 1415

Relinquished: _____ **Date:** 9/17/09 **Time:** 1630 **Received:** _____ **Date:** 9/17/2009 **Time:** 1630

TAL-Soil

360 24665

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)* (ME V)	SVOA and TICs (8270C) (G)	NDMA (Modified 8270C) (G)	Diphenylamine (8270C)** (G)	EPH (MADEP-EPH-04-1.1) (G)	VPH (MADEP-VPH-04-1.1) (ME V)	TAL Metals (6010B / 7471A) (G)	PCBs (8082) (G)	Anions (EPA 300)*** (G)	Amonnia (LACHAT) (G)	TOC (Lloyd Kahn) (G)	Phathalic Anhydride (Mod 8000 HPLC) (G)							Formaldehyde/Acetaldehyde (SW-846 8315A)* (G)	Phthalic Anhydride (acid) (Method 8000 - LC)* (G)			<--Preservative Type (4) <--Bottle Type (5) Comments (Special Instructions)
OC-SS-436-0.0/1.0-XXX	9/16/2009 2:30:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1
OC-SS-437-0.0/1.0-XXX	9/16/2009 2:10:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1
OC-SS-440-0.0/1.0-XXX	9/16/2009 1:45:00 PM	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X			Category 1
OC-SS-442-0.0/1.0-XXX	9/16/2009 1:25:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1
OC-SS-449-0.0/1.0-XXX	9/16/2009 4:40:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1
OC-SS-450-0.0/1.0-XXX	9/16/2009 3:55:00 PM	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X			Category 1
OC-SS-451-0.0/1.0-XXX	9/16/2009 3:20:00 PM	T	FS	SO	G	4	X	X					X		X	X													Category 1
OC-SS-454-0.0/1.0-XXX	9/17/2009 7:55:00 AM	T	FS	SO	G	4	X	X					X		X	X													Category 1

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida ** = Using Method 3620B

* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida *** = Sulfate, Chloride

Relinquished: [signature] Date: 9/17/09 Time: 1415 Received: [signature] Date: 9/17/09 Time: 1415

Relinquished: [signature] Date: 9/17/09 Time: 1630 Received: [signature] Date: 9/17/2009 Time: @ 1630

Cooler? Y / N	MADEP Requirement
	Samples Iced? Y / N
Temp @ receipt: 0.2°C Deg C	
Preservation / pH checked? Y / N	
By: [signature]	Date: 9/17/09

TAL - Soil

Page 3 of 9

360-24665

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)*	SVOA and TICs (8270C)	NDMA (Modified 8270C)	Diphenylamine (8270C)**	EPH (MADEP-EPH-04-1.1)	VPH (MADEP-VPH-04-1.1)	TAL Metals (6010B / 7471A)	PCBs (8082)	Anions (EPA 300)***	Amonnia (LACHAT)	TOC (Lloyd Kahn)	Phathalic Anhydride (Mod 8000 HPLC)							Formaldehyde/Acetaldehyde (SW-846 8315A)*	Phthalic Anhydride (acid) (Method 8000 - LC)*			Comments (Special Instructions)
							ME V	- G	- G	- G	- G	ME V	- G	- G	- G	- G	- G	- G	-	-	-	-	-	-	- G	- G	-	-	<--Preservative Type (4) <--Bottle Type (5)
OC-SS-455-0.0/1.0-XXX	9/16/2009 5:50:00 PM	T	FS	SO	G	9	X	X	X	X			X		X	X	X								X	X			Category 1
OC-SS-460-0.0/1.0-XXX	9/16/2009 5:30:00 PM	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X			Category 1

Special Instructions For Lab

Notes:

1) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida ** = Using Method 3620B

* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida *** = Sulfate, Chloride

Cooler? Y / N MADEP Requirement Samples Iced? Y / N

Temp @ receipt: 0.2°C Deg C

Preservation / pH checked? Y / N

By: [illegible] Date: 9/17/09

Relinquished: [illegible] Date: 9/17/09 Time: 1415 Received: [illegible] Date: 9/17/09 Time: 1415

Relinquished: [illegible] Date: 9/17/09 Time: 1630 Received: [illegible] Date: 9/17/2009 Time: @ 1630

TAL-Soil

360-24665

Client:	Olin Corporation	Client Project #:	6107090016
Address:	3855 North Ocoee St. Suite 200	Work Site ID:	Wilmington, MA
	Cleveland, TN 37312	Reports Sent To:	Steve Morrow
Phone:	423-336-4511	Fax: 423-336-1466	Email SGMorrow@olin.com Email Rpt:____

Requested Turnaround Time (SPECIFY): Standard_____ Rush_____ (Lab Approval Required)

Regulatory Programs: MADEP MCP____ Superfund _____

Report Requirements Level IV Package ____ Level II Package _____

EDD Requirements: MACTEC EQUIS EZ EDD _____

INVOICE INFO — Shaded Areas for office use only

Company Name: Olin Corp

Company Contact: ERG Accounts Payable

Address: Same as Client

Phone: Email

Job # _____ Quote # _____

Lab SDG #_____ PO #_____

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)* (ME V)	SVOA and TICs (8270C) (G)	NDMA (Modified 8270C) (G)	Diphenylamine (8270C)** (G)	EPH (MADEP-EPH-04-1.1) (G)	VPH (MADEP-VPH-04-1.1) (ME V)	TAL Metals (6010B / 7471A) (G)	PCBs (8082) (G)	Anions (EPA 300)*** (G)	Amonnia (LACHAT) (G)	TOC (Lloyd Kahn) (G)	Phathalic Anhydride (Mod 8000 HPLC) (G)	Formaldehyde/Acetaldehyde (SW-846 8315A)* (G)	Phthalic Anhydride (acid) (Method 8000 - LC)* (G)	Comments (Special Instructions) <--Preservative Type (4) <--Bottle Type (5)
OC-SB-406-0.0/1.0-XXX	9/17/2009 11:25:00	T	FS	SO	G	4	X	X					X		X	X					Category 1
OC-SB-406-13/15-XXX	9/17/2009 12:00:00	T	FS	SO	G	4	X	X					X		X	X					Category 3

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida

* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida

** = Using Method 3620B

*** = Sulfate, Chloride

Cooler (Y) N — MADEP Requirement Samples Iced (Y) / N

Temp @ receipt: 0.2°C Deg C

Preservation / pH checked? Y / (N)

By: _____ Date: 9/17/09

Relinquished: _____ Date: 09/17/09 Time: 1415 Received: _____ Date: 9/17/09 Time: 1415

Relinquished: _____ Date: 9/17/09 Time: 1630 Received: _____ Date: 9/17/2009 Time: @1630

TAL-Soil

360 24665

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)* (ME V)	SVOA and TICs (8270C) (G)	NDMA (Modified 8270C) (G)	Diphenylamine (8270C)** (G)	EPH (MADEP-EPH-04-1.1) (G)	VPH (MADEP-VPH-04-1.1) (ME V)	TAL Metals (6010B / 7471A) (G)	PCBs (8082) (G)	Anions (EPA 300)*** (G)	Amonnia (LACHAT) (G)	TOC (Lloyd Kahn) (G)	Phathalic Anhydride (Mod 8000 HPLC) (G)							Formaldehyde/Acetaldehyde (SW-846 8315A)* (G)	Phthalic Anhydride (acid) (Method 8000 - LC)* (G)			Comments (Special Instructions)
																												<--Preservative Type (4)
																												<--Bottle Type (5)
OC-SB-406-8.0/10-XXX	9/17/2009 11:45:00	T	FS	SO	G	4	X	X					X		X	X												Category 2
OC-SB-413-0.0/1.0-XXX	9/17/2009 11:10:00	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X		Category 1
OC-SB-413-1.0/5.0-XXX	9/17/2009 10:20:00	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X		Category 2
OC-SB-413-10/12-XXX	9/17/2009 10:50:00	T	FS	SO	G	8	X	X	X	X			X		X	X									X	X		Category 3

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida
* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida
** = Using Method 3620B
*** = Sulfate, Chloride

Cooler? Y / N
MADEP Requirement
Samples Iced? Y / N
Temp @ receipt: 0.2°c Deg C
Preservation / pH checked? Y, N
By: [illegible] Date: 9/17/09

Relinquished: [signature] Date: 09/17/09 Time: 1415 Received: [signature] Date: 9/17/09 Time: 1415

Relinquished: [signature] Date: 9/17/09 Time: 1630 Received: [signature] Date: 9/17/2009 Time: @ 1630

TAL-Soil

360-24665

Client: Olin Corporation	Client Project #: 6107090016	INVOICE INFO	Shaded Areas for office use only
Address: 3855 North Ocoee St. Suite 200	Work Site ID: Wilmington, MA	Company Name: Olin Corp	
Cleveland, TN 37312	Reports Sent To: Steve Morrow	Company Contact: ERG Accounts Payable	
Phone: 423-336-4511 Fax: 423-336-1466	Email SGMorrow@olin.com Email Rpt:____	Address: Same as Client	
Requested Turnaround Time (SPECIFY)	Regulatory Programs: MADEP MCP____ Superfund _____	Phone: Email	
Standard_____ Rush_____ (Lab Approval Required)	Report Requirements Level IV Package ____ Level II Package _____		
	EDD Requirements: MACTEC EQUIS EZ EDD _____	Job # _____	Quote # _____
		Lab SDG #_____	PO #_____

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	VOA and TICs (5035A/8260B)*	SVOA and TICs (8270C)	NDMA (Modified 8270C)	Diphenylamine (8270C)**	EPH (MADEP-EPH-04-1.1)	VPH (MADEP-VPH-04-1.1)	TAL Metals (6010B / 7471A)	PCBs (8082)	Anions (EPA 300)***	Amonnia (LACHAT)	TOC (Lloyd Kahn)	Phathalic Anhydride (Mod 8000 HPLC)	Formaldehyde/Acetaldehyde (SW-846 8315A)*	Phthalic Anhydride (acid) (Method 8000 - LC)*	Comments (Special Instructions)
							ME V	G	G	G	G	ME V	G	G	G	G	G	G	G	G	<--Preservative Type (4) <--Bottle Type (5)
OC-TBK-021	9/17/2009 1:15:00 PM	T	TB	SO	G	3	X														Category 1

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass

* = Formaldehyde /Acetaldehyde analyzed at TAL-Tallahassee Florida ** = Using Method 3620B

* = Phthalic Anhydride (acid) analyzed at TAL-Tallahassee Florida *** = Sulfate, Chloride

Cooler Y / N MADEP Requirement Samples Iced Y / N

Temp @ receipt: 0.2°C Deg C

Preservation / pH checked? Y / N

By: KAN Date: 9/17/09

Relinquished: [signature] Date: 09/17/09 Time: 1415 Received: [signature] Date: 9/17/09 Time: 1415

Relinquished: [signature] Date: 9/17/09 Time: 1630 Received: [signature] Date: 9/17/2009 Time: @1630

Client:	Olin Corporation	Client Project #:	6107090016
Address:	3855 North Ocoee St. Suite 200	Work Site ID:	Wilmington, MA
	Cleveland, TN 37312	Reports Sent To:	Steve Morrow
Phone:	423-336-4511	Fax: 423-336-1466	Email SGMorrow@olin.com Email Rpt:____

Requested Turnaround Time (SPECIFY): Standard_____ Rush_____ (Lab Approval Required)

Regulatory Programs: MADEP MCP____ Superfund _____

Report Requirements Level IV Package ____ Level II Package _____

EDD Requirements: MACTEC EQUIS EZ EDD _____

INVOICE INFO — Shaded Areas for office use only

Company Name: Olin Corp

Company Contact: ERG Accounts Payable

Address: Same as Client

Phone: Email

Job # _____ Quote # _____

Lab SDG #_____ PO #_____

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	Cr+6 (3060A / 7199) G	Cr+6 (7199) P	DMF (Mod 8033 - GC/NPD) G	DMF (Mod 8033 - GC/NPD) V	Opex / Kempore (8000B - HPLC) V	Perchlorate (6850) V	Hydrazine, MMH, UDMH (Mod 8315 LC/MS/MS) AG	Hydrazine, MMH, UDMH (Mod 8315 LC/MS/MS) AV	Comments (Special Instructions)
															<--Preservative Type (4)
															<--Bottle Type (5)
OC-SS-436-0.0/1.0-XXX	9/16/2009 2:30:00 PM	T	FS	SO	G	1	X								Category 1

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass, AV = 40mL VOA Amber Glass Vial,

Relinquished: [signature] Date: 09/17/09 Time: 1415 Received: [signature] Date: 9/17/09 Time: 1415

Relinquished: [signature] Date: 9/17/09 Time: 1630 Received: [signature] Date: 9/17/2009 @1630 Time:

Cooler (Y) N MADEP Requirement Samples Iced? Y / N

Temp @ receipt: 0.2° Deg C

Preservation / pH checked? Y / N

By: [signature] Date: 9/17/09

TAL- Edison NJ

360 24665

Page 8 of 9

MACTEC

Sample ID	Date/Time Collected	Fraction (1)	QC Code (2)	Sample Matrix (3)	Composite (C) or Grab (G)	Total # of Containers	Cr+6 (3060A / 7199)	Cr+6 (7199)	DMF (Mod 8033 - GC/NPD)	DMF (Mod 8033 - GC/NPD)	Opex / Kempore (8000B - HPLC)	Perchlorate (6850)												Hydrazine, MMH, UDMH (Mod 8315 LC/MS/MS)	Hydrazine, MMH, UDMH (Mod 8315 LC/MS/MS)			Comments (Special Instructions)
							- G	- P	- G	- V	- V	- V	-	-	-	-	-	-	-	-	-	-	-	- AG	Zn AV	-	-	<--Preservative Type (4) <--Bottle Type (5)
OC-SS-437-0.0/1.0-XXX	9/16/2009 2:10:00 PM	T	FS	SO	G	1	X																					Category 1

Special Instructions For Lab

Notes:

1.) Fraction: T = Total, D = Dissolved, S = SPLP, C = TCLP, N = Not Applicable

2.) QC Codes: FS = Field Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike, MSD = Matrix Spike Duplicate, PE = Performance Evaluation Sample, FB = Field Blank

3.) Sample Matrix: GW = Groundwater, SW = Surface Water, DW = Drinking Water SO = Soil, SD = Sediment, BW = Blank Water, NAL = Non-Aqueous Liquid, PR = Product, O = Oil

4.) Preservation Type: HA = Hydrochloric Acid, NI = Nitric Acid, SA = Sulfuric Acid, SH = Sodium Hydroxide, Zn = Zinc Acetate, ME = Methanol, DI = DI Water

5.) Bottle Type: G = Glass, P = Plastic, V = 40mL VOA Glass Vial, AG = Amber Glass, AV = 40mL VOA Amber Glass Vial,

Relinquished: [signature] **Date:** 09/17/09 **Time:** 1415 **Received:** [signature] **Date:** 9/17/09 **Time:** 1415

Relinquished: [signature] **Date:** 9/17/09 **Time:** 1630 **Received:** [signature] **Date:** 9/17/2009 **Time:** @1630

Cooler (Y) N	MADEP Requirement
	Samples Iced (Y) N
Temp @ receipt: 0.2°C Deg C	
Preservation / pH checked? Y (N)	
By: [signature]	Date: 9/17/09

10/29/2009

Olin Wilmington OU1 Soil Sampling Categories

There will be three categories of samples submitted to the laboratories during the soil sampling program based primarily on the depth of soil locations. These categories will be indentified in notes provided with the chain of custody submitted with samples. The following categories are included:

Category 1

Soil boring samples 0'-1': request that all samples are analyzed and reported in the normal project turnaround time (TAT).

Category 2

Soil boring samples from the 1'-10' interval: All samples are analyzed. Rush TAT is requested on a subset of analyses as indicated below:

VOCs: rush 7-day TAT
SVOCs: NDMA, and phthalic anhydride: normal 30-day TAT
DMF: normal 21-day TAT
Hydrazine: rush 7 day TAT
Metals: normal 30-day TAT (except mercury)
Mercury: 10 day TAT
Hexavalent Chromium: 10 day TAT
Formaldehyde/acetaldehyde: normal TAT
Anions: normal TAT
Ammonia: normal TAT

Category 3

Soil boring samples from >10 ft: Sample are held with analysis pending. For a subset of analyses the samples will be extracted and held by the lab pending instructions from MACTEC-Olin.

VOCs: hold pending results of Category 2
SVOCs: extract and hold pending results of Category 2
NDMA: extract and hold pending results of Category 2
DMF: extract and hold pending results of Category 2
Hydrazine: hold pending results of Category 2
Metals: hold pending results of Category 2
Mercury: hold pending results of Category 2
Hexavalent Chromium: hold pending results of Category 2
Phthalic anhydride: extract and hold pending results of Category 2
Formaldehyde/acetaldehyde: run normal TAT
Anions: run normal TAT
Ammonia: run normal TAT

For rush TAT samples the laboratory will provide preliminary results with a narrative and sample results summary report. The lab will also provide data on a preliminary data EDD. Final result and supporting data packages will be provided in the normal TAT for the project.

360 24665

Page 9 of 9

Supplemental Instructions to Laboratory
Soil Samples
Olin Chemical Superfund Site

LABORATORY: TestAmerica Laboratory

Lab SDG / Work Order #	MACTEC Field Sample ID	Lab Sample ID	Sample Date	Sample Category on the COC	Analyte/Method	Action Item/Comments
360-24665	OC-SB-406-13/15-XXX	360-24665-14	09/17/09	Category 3	SVOC[1]	Analyze SVOC Sample as Previously Requested on COC
360-24665	OC-SB-413-10/12-XXX	360-24665-18	09/17/09	Category 3	SVOC[2]	Analyze SVOC Sample as Previously Requested on COC; however, please do not analyze for Diphenylamine
360-24665	OC-SB-413-10/12-XXX	360-24665-18	09/17/09	Category 3	NDMA	Cancel Previously Requested NDMA Analysis on COC
360-24665	OC-SB-413-10/12-XXX	360-24665-18	09/17/09	Category 3	Phthalic Anhydrides	Cancel Previously Requested Phthalic Anhydride Analysis on COC

SVOC[1] - Olin Compound List
SVOC[2] - Olin Compound List with Diphenylamine

Tige Cunningham

Sample Manager
MACTEC Engineering & Consulting, Inc.

10-26-09
Date

P:\6107090016 - Olin Wilmington CSS 2009\3.0 Field and Site Characterization\3.6 Databases\Prelim EDDs\
OCRI-17.xls, SVOCs Pending Samples

Supplemental Instructions to Laboratory
Soil Samples
Olin Chemical Superfund Site

LABORATORY: TestAmerica Laboratory

Lab SDG / Work Order #	MACTEC Field Sample ID	Lab Sample ID	Sample Date	Sample Category on the COC	Analyte/Method	Action Item/Comments
360-24665	OC-SB-406-13/15-XXX	360-24665-14	09/17/09	Category 3	Metals	Analyze Metals Sample as Previously Requested on COC
360-24665	OC-SB-413-10/12-XXX	360-24665-18	09/17/09	Category 3	Metals	Analyze Metals Sample as Previously Requested on COC
360-24665	OC-SB-406-13/15-XXX	360-24665-14	09/17/09	Category 3	Mercury	Cancel Previously Requested Mercury Analysis on COC
360-24665	OC-SB-413-10/12-XXX	360-24665-18	09/17/09	Category 3	Mercury	Cancel Previously Requested Mercury Analysis on COC

Tige Cunningham

Sample Manager
MACTEC Engineering & Consulting, Inc.

10-2-09
Date

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OCRI-17.xls, Metals Pending Samples