ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES, INC.

209 SHAFTER STREET
Islandia, New York 11749-5074 TEL 631-232-2600 FAX 631-232-9898

June 22, 2015

Mr. Joel Wiener
Pinnacle Group
c/o ZP Realty LLC
One Penn Plaza, Suite 4000
New York, New York 10119

Re: Focused Phase II Environmental Site Assessment Results
Wave Gasoline Station, 1880 East Tremont Avenue
Bronx, New York

Dear Mr. Wiener:

Roux Associates, Inc. (Roux Associates) has prepared this letter report to summarize the results of the Focused Phase II Environmental Site Assessment (ESA) at 1880 East Tremont Avenue in the Bronx, New York (Site). A Site location map is provided as Figure 1. The Site is part of a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) project known as Parkchester Crossing. BCP Project Number C203079 has been assigned to Parkchester Crossing.

The Focused Phase II ESA was conducted to develop an understanding of soil quality beneath the existing gasoline filling station. The investigation included the completion of a geophysical survey, the completion of soil borings, and the collection of soil samples for laboratory analysis. During performance of the work, separate-phase petroleum was encountered in one of the soil borings. Roux Associates contacted the NYSDEC Spill Hotline as required pursuant to applicable law upon discovery of separate-phase petroleum product, which is evidence of a petroleum release at the Site. Spill number 15-01895 was assigned by the NYSDEC. In addition, the NYSDEC BCP Project Manager was notified.

Site Location and Description

The Site is located on an approximately 0.18 acre parcel of land in the Bronx, New York, which occupies Block 3952 Lot 8 on the Bronx County tax map. The Site currently operates as a gasoline filling station with an associated one-story convenience store. According to historic Sanborn fire insurance maps, the Site was developed by the late 1960s as a gasoline filling station. Prior to development as a gasoline filling station, the Site was a vacant lot.

NYSDEC Petroleum Bulk Storage (PBS) records indicate that six gasoline USTs and two wastewater USTs were removed from the Site in 1993. These former USTs were replaced with four 4,000-gallon gasoline USTs, one 4,000-gallon diesel UST, and one 550-gallon wastewater

UST, which are currently in use. The location of the former gasoline USTs is shown on Figure 2. NYSDEC PBS records for the Site (No. 2-297623) are provided as Attachment 1.

Geophysical Survey
On May 15, 2015, Naeva Geophysics, Inc. (Naeva) performed a geophysical survey of the Site. The purpose of the survey was to identify subsurface features of the Site, including underground storage tanks (USTs) and utilities. The survey consisted of various methodologies including, but not limited to ground penetrating radar (GPR) and an electromagnetic survey.

The geophysical survey located the six aforementioned USTs which are currently in use, along with associated piping in the southern portion of the Site. No evidence of previously unknown USTs was identified during the geophysical survey. Findings of the geophysical investigation are presented in the Geophysical Report as Attachment 2.

Soil Investigation
On May 19, 2015, and May 20, 2015 Roux Associates completed six soil borings (SB-2, SB-3, SB-4, SB-5, SB-6, and SB-7) using a Geoprobe drill rig. Soil borings were located adjacent to the tank area where both the historic and current USTs have been located, as shown on Figure 2.

Roux Associates' drilling subcontractor conducted utility clearance activities at each boring location in addition to the geophysical survey to verify the absence of utilities prior to boring advancement. Vac-tron technology and hand digging tools were used at each boring depth of at least five feet below land surface (ft bls). Roux Associates attempted to perform soil borings at three locations to the north of the current USTs and within the footprint of the former USTs; however, pea gravel was encountered at 1.5 ft bls at each location and the borings were abandoned.

Soil borings were completed to depths ranging from 24 to 25 ft bls. During the completion of each boring, soil was field screened for evidence of impacts (e.g., staining, odors), and organic vapors using a hand-held photoionization detector (PID). The soil lithology and observations of impacts were recorded in a dedicated field notebook following the Unified Soil Classification System (USCS).

At each soil boring location, Roux Associates collected a soil sample from the two-foot interval showing the significant evidence of impacts for laboratory analysis. If no impacts were observed, the soil sample was collected from the two foot interval located directly above the groundwater interface. If a boring location revealed impacts in several intervals, a soil sample was collected from the most impacted interval and submitted for analysis. At two boring locations (SB-2 and SB-6), impacts were detected at multiple intervals; Roux Associates collected two soil samples from each of these borings.

Investigation Results
Soil throughout the Site was brown to light brown fine to coarse sand with some gravel and silt, with fill observed at depths ranging from 3 to 10 ft bls. Fill material was identified by the presence of bricks and cobbles encountered while completing soil borings. Groundwater was

encountered at approximately 21 to 24 ft bls in the soil borings. Soil Boring Logs are presented as Attachment 3.

Elevated PID readings were encountered at all boring locations. Maximum PID concentrations detected at each boring ranged from 43.4 parts per million (ppm) at SB-4 (20 to 23 ft bls) to 1868 ppm at SB-2 (22 to 24 ft bls). Field screening of soils showed staining and odor in five of the six soil borings, as shown in the table below:

Boring ID	Depth (ft bls)	Evidence of Contamination
SB-2	14 to 15	Elevated PID (35.2 ppm); Staining; Odor.
	17 to 24	Elevated PID (1131 ppm to 1868 ppm); Staining; Odor.
SB-3	20 to 24	Elevated PID (370.9 ppm to 1286 ppm); Staining; Odor.
SB-5	17 to 23	Elevated PID (383.5 ppm to 1465 ppm); Staining; Odor.
SB-6	20 to 25	Elevated PID (37.8 ppm to 436.4 ppm); Staining; Odor.
SB-7	3 to 25	Elevated PID (117.4 ppm to 1125 ppm): Staining; Odor; Separate-phase product observed at 6-8 ft bls.

Separate-phase petroleum was observed in soil at SB-7 at 6 to 8 ft bls adjacent to the active USTs at the Site. The NYSDEC was notified, and spill number 15-01895 was opened as required pursuant to applicable law upon discovery of separate-phase petroleum product, which is as there was evidence of a petroleum release detected at the Site.

All soil samples collected for laboratory analysis were submitted to a TestAmerica Laboratories Inc., of Edison, New Jersey, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, for the following list of parameters:

- CP-51 Soil Cleanup Guidance List volatile organic compounds (VOCs); and
- CP-51 Soil Cleanup Guidance List semi-volatile organic compounds (SVOCs).

Laboratory results from the soil sample analyses were compared to the NYSDEC CP-51 Soil Cleanup Guidance Tables 2 and 3. VOC concentrations in three soil samples (SB-2 [20-22 ft bls], SB-5 [19-20 ft bls], and SB-7 [6-8 ft bls]) exceeded CP-51 Standards. In two samples (SB-2 [(20-22], and SB-7 [6-8]) VOCs were detected at more than an order of magnitude greater than CP-51 Standards. Concentrations of petroleum-related VOCs, including benzene, ethylbenzene, toluene, total xylenes, 1,2,4- trimethylbenzene and 1,3,5-trimethylbenzene were detected most frequently and at the highest concentrations in the samples. Summaries of the analytical data are provided in Tables 1 and 2. Laboratory analytical reports are provided as Attachment 4.

Conclusion

The results of the geophysical survey and review of previous reports indicate the presence of several USTs at the Site. These USTs are currently used by the gasoline filling station

operations at the Site. Evidence of additional USTs was not identified by the geophysical survey. Staining and odors were observed in soil during completion of borings at the Site.

Separate-phase petroleum was observed adjacent to the active USTs in soil at SB-7 at 6 to 8 ft bls. The NYSDEC was notified, and spill number 15-01895 was assigned. Based on the presence of separate-phase petroleum in shallow soil adjacent to the active USTs, it is evident that the contamination is associated with an onsite source (e.g., active USTs and related dispensing systems). NYSDEC will require the complete delineation of soil, soil vapor and groundwater impacts associated with the release. Once the conditions are fully delineated, NYSDEC will require remediation of the impacts. Further, to the extent that such impacts affect off site properties, such as the adjacent shopping center, there may be an obligation to mitigate vapor intrusion risks affecting the neighboring site.

Should you have any questions regarding this results letter, do not hesitate to contact the undersigned at 631-232-2600.

Sincerely,

ROUX ASSOCIATES, INC.

Jessica L. Taylor
Senior Hydrogeologist

Frank Cherena
Principal Geologist

Joseph D. Duminuco
Principal Hydrogeologist/
Vice President

Attachments

TABLES

Summaries of the Analytical Data

Table 1. Summary of Volatile Organic Compounds in Soil, Focused Phase II ESA, 1880 East Tremont Avenue, Bronx, NY

Parameter (Concentrations in µg/kg)	NYSDEC CP-51 Gas Contaminated Soil Cleanup Levels	**Sample Designation:**	SB-2	SB-2	SB-3	SB-4	SB-5	SB-5 (DUP)	SB-6	SB-6	SB-7
		Sample Date:	5/20/2015	5/20/2015	5/19/2015	5/19/2015	5/19/2015	5/19/2015	5/20/2015	5/20/2015	5/20/2015
		Sample Depth (ft bls):	14-15	20-22	20-22	20-23	19-20	19-20	15-17	17-19	6-8
1,2,4-Trimethylbenzene	3600		0.45 J	**43000**	120	1.1 U	980	50	1 U	1 U	**350000**
1,3,5-Trimethylbenzene	8400		0.17 J	**13000**	37	1.1 U	360	18	1 U	1 U	**110000**
Benzene	60		0.98 U	**260**	0.83 J	1.1 U	110 U	10	0.39 J	1 U	**15000**
Ethylbenzene	1000		0.38 J	**12000**	47	1.1 U	140	21	1 U	1 U	**43000**
Isopropylbenzene	2300		0.26 J	**2500**	7.3	1.1 U	73 J	7.9	1 U	1 U	**6600**
MTBE	930		0.98 U	110 U	1.2 U	1.1 U	110 U	1.1 U	1.5	1	1200 U
Naphthalene	12000		0.98 U	2400	13	1.1 U	110 U	17	1 U	1 U	**36000**
n-Butylbenzene	12000		0.98 U	3800	5.4	1.1 U	110 U	7.4	1 U	1 U	1200 U
n-Propylbenzene	3900		0.43 J	**9000**	23	1.1 U	210	17	1 U	1 U	**22000**
p-Isopropyltoluene	10000		0.98 U	620	0.92 J	1.1 U	110 U	1.1 U	1 U	1 U	3700
sec-Butylbenzene	11000		0.98 U	850	1.6	1.1 U	210	21	1 U	1 U	4000
tert-Butylbenzene	5900		0.98 U	110 U	1.2 U	1.1 U	110 U	1.7	1 U	1 U	1200 U
Toluene	700		0.98 U	40 J	0.63 J	0.27 J	110	90	1 U	1 U	**220000**
Xylenes (total)	260		0.7 J	**19000**	110	2.3 U	870	140	2.1 U	2 U	**680000**

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC CP-51 Soil Cleanup Levels available
Bold data indicates parameter was detected above NYSDEC CP-51 Gas Contaminated Soil Cleanup Levels

Table 2. Summary of Semivolatile Organic Compounds in Soil, Focused Phase II ESA, 1880 East Tremont Avenue, Bronx, NY

Parameter (Concentrations in µg/kg)	NYSDEC CP-51 Fuel Contaminated Soil Cleanup Levels	**Sample Designation:**	SB-2	SB-2	SB-3	SB-4	SB-5	SB-5 (DUP)	SB-6	SB-6	SB-7
		Sample Date:	5/20/2015	5/20/2015	5/19/2015	5/19/2015	5/19/2015	5/19/2015	5/20/2015	5/20/2015	5/20/2015
		Sample Depth (ft bls):	14-15	20-22	20-22	20-23	19-20	19-20	15-17	17-19	6-8
Acenaphthene	20000		390 U	410 U	18 J	18 J	380 U	380 U	400 U	380 U	39 J
Acenaphthylene	100000		390 U	410 U	730 U	15 J	380 U	380 U	400 U	380 U	52 J
Anthracene	100000		390 U	410 U	730 U	63 J	380 U	380 U	400 U	380 U	67 J
Benzo[a]anthracene	1000		39 U	52	200	240	38 U	38 U	40 U	38 U	190
Benzo[a]pyrene	1000		39 U	54	180	240	15 J	38 U	40 U	38 U	240
Benzo[b]fluoranthene	1000		16 J	78	220	300	23 J	38 U	40 U	38 U	430
Benzo[g,h,i]perylene	100000		390 U	50 J	210 J	270 J	380 U	380 U	400 U	380 U	92 J
Benzo[k]fluoranthene	800		39 U	41 U	72 J	100	38 U	38 U	40 U	38 U	150
Chrysene	1000		14 J	54 J	200 J	270 J	20 J	380 U	400 U	380 U	200 J
Dibenzo[a,h]anthracene	330		39 U	41 U *	56 J *	59 *	38 U	38 U *	40 U *	38 U *	41 U
Fluoranthene	100000		20 J	68 J	330 J	430	34 J	23 J	400 U	380 U	410
Fluorene	30000		390 U	14 J	20 J	20 J	380 U	380 U	400 U	380 U	74 J
Indeno[1,2,3-cd]pyrene	500		39 U	48 *	230 *	320 *	38 U	38 U *	40 U *	38 U *	110
Naphthalene	12000		390 U	270 J	19 J	17 J	16 J	380 U	400 U	380 U	1800
Phenanthrene	100000		11 J	50 J	270 J	290 J	16 J	380 U	400 U	380 U	250 J
Pyrene	100000		390 U	73 J	280 J	410	36 J	23 J	400 U	380 U	270 J

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

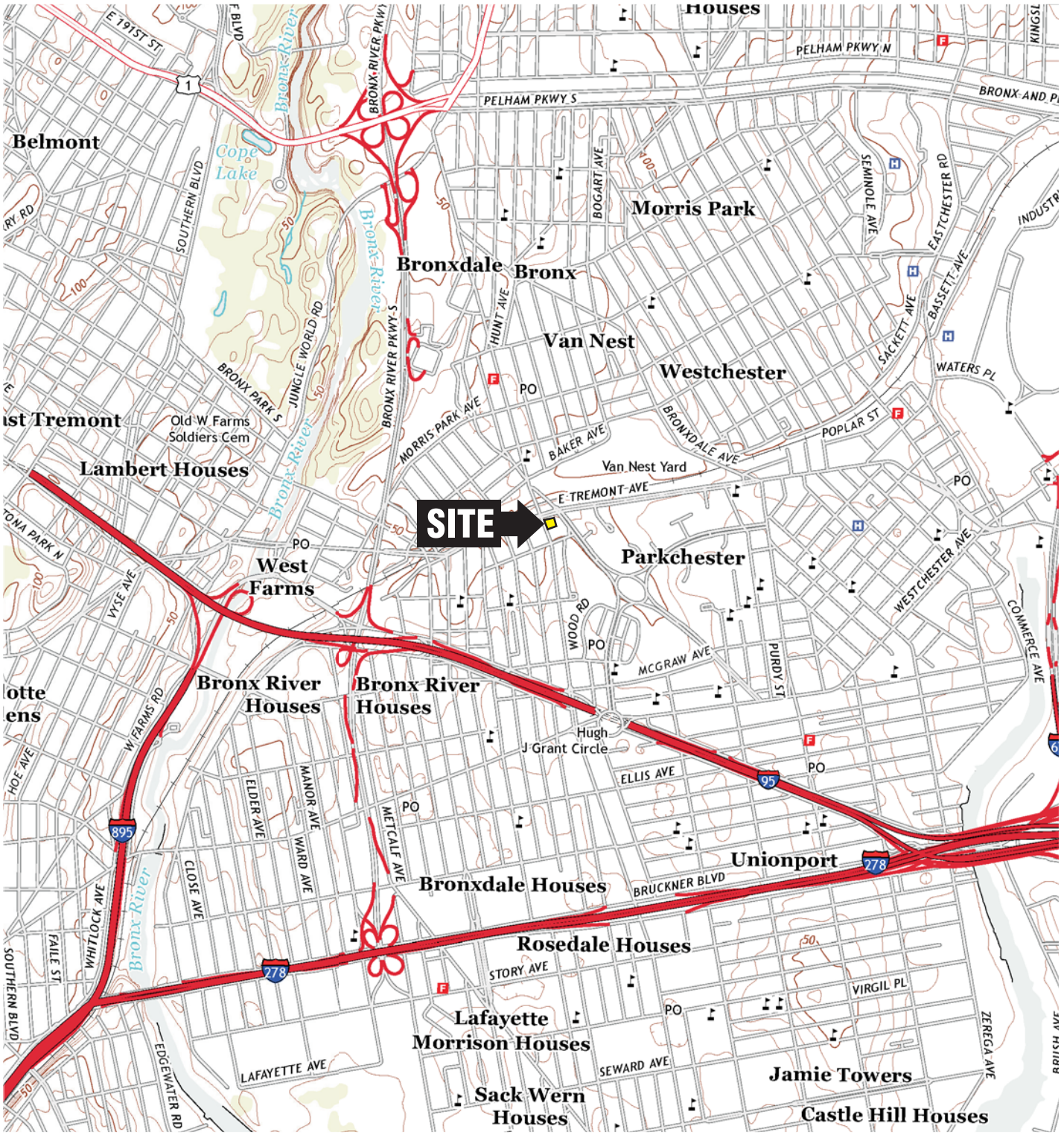
NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC CP-51 Soil Cleanup Levels available

Bold data indicates parameter was detected above NYSDEC CP-51 Fuel Contaminated Soil Cleanup Levels

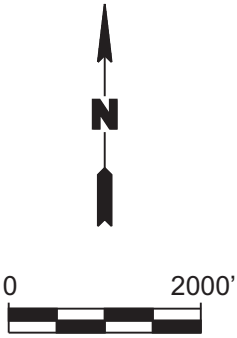
FIGURES

1. A Site Location Map
2. Location of the Former Gasoline USTs



QUADRANGLE LOCATION

SOURCE:
USGS; Flushing, NY (2013) and
Central Park, NY-NJ (2013)
7.5 Minute Topographic Quadrangles



Title:

SITE LOCATION

1880 EAST TREMONT AVENUE
BRONX, NEW YORK

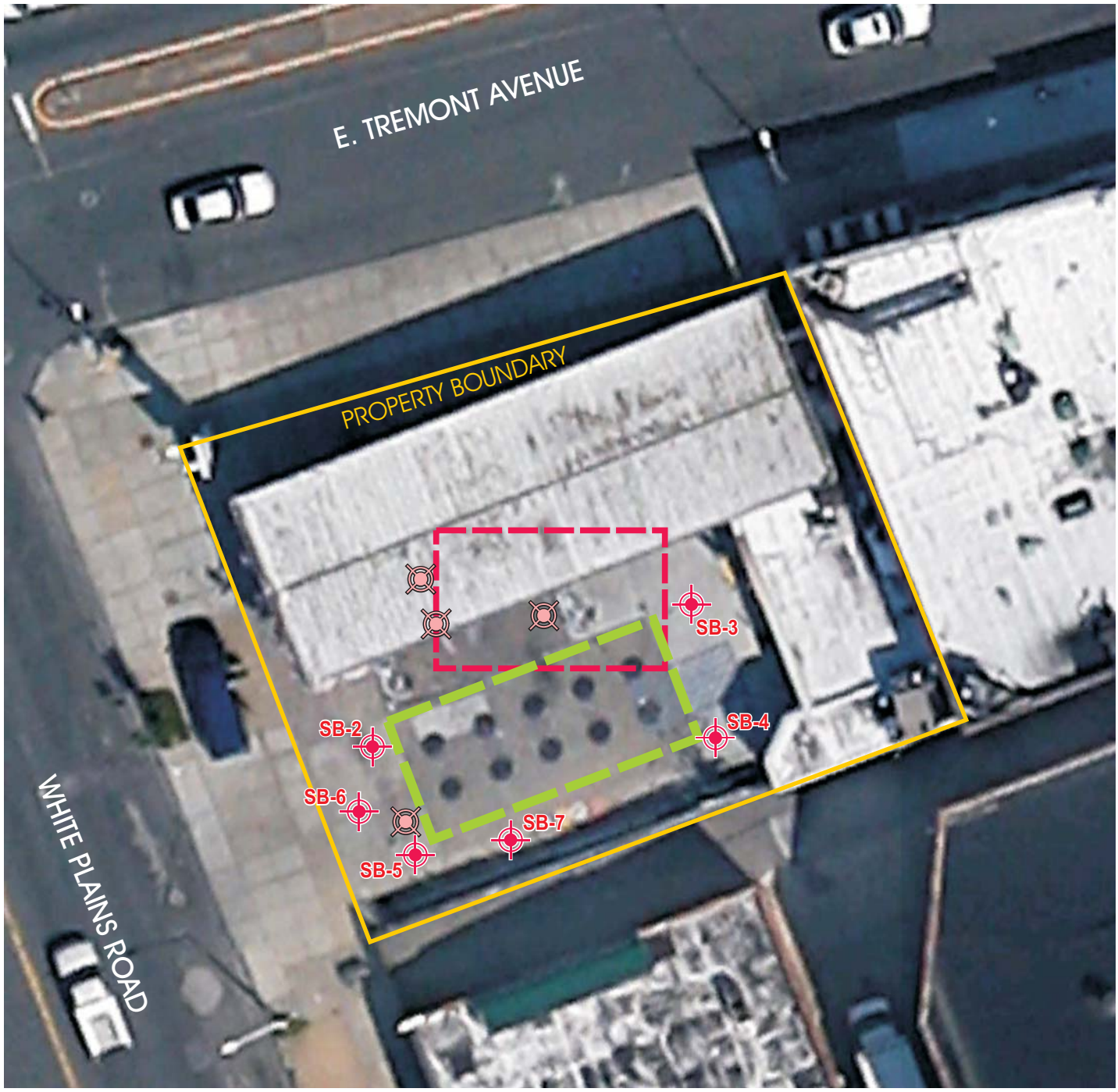
Prepared for:

ZP REALTY, LLC

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: B.K.	Date: 19JUN15	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr.: J.T.	Project No.: 2530.0001Y000	
File: 2530.0001Y105.01.CDR		

\2530\Y0001Y\105\2530.0001Y105.01.CDR



Legend

- SOIL BORING
- SOIL BORING ABANDONED DUE TO OBSTRUCTION
- LOCATION AND EXTENT OF FORMER USTs
- LOCATION AND EXTENT OF EXISTING USTs

NOTE:
LOCATION AND EXTENT OF FORMER USTS BASED ON SITE INVESTIGATION REPORT PREPARED BY GROUNDWATER & ENVIRONMENTAL SERVICES, INC. DATED JUNE 21, 1994.

0 30'

N

Title:

SOIL BORING LOCATIONS

1880 EAST TREMONT AVENUE
BRONX, NEW YORK

Prepared for:

ZP REALTY, LLC

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: B.K.	Date: 19JUN15	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr.: J.T.	Project No.: 2530.0001Y000	
File: 2530.0001Y105.01.CDR		

\2530\Y0001Y\105\2530.0001Y105.01.CDR

ATTACHMENT 1

NYSDEC PBS Records for the Site (No. 2-297623)

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Facility Information

Site No.: 2-297623
Status: Active
Expiration Date: 04/21/2020
Site Type: PBS
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Address: 1596 WHITE PLAINS ROAD
Locality: NEW YORK
State: NY
Zipcode: 10462
County: BRONX

Owner(s) Information

Facility Owner: ZP REALTY LLC
1 PENN PLAZA STE 4000 . NEW YORK, NY. 10119
Mail Contact: ZP REALTY LLC
1 PENN PLAZA . NEW YORK, NY. 10119

Tank Information

14 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
001	Underground	Closed - Removed	4000
002	Underground	Closed - Removed	2000
003	Underground	Closed - Removed	4000
004	Underground	Closed - Removed	4000
005	Underground	Closed - Removed	2000
006	Underground	Closed - Removed	4000
007	Underground	Closed - Removed	550
008	Underground	Closed - Removed	2000
009	Underground	In Service	4000
010	Underground	In Service	4000
011	Underground	In Service	4000
012	Underground	In Service	4000

013	Underground	In Service	4000
014	Underground	In Service	550

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

Next Tank Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 001
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 4000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: Suction Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Tank Auditor

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 002
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 2000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: Suction Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Missing Code in Old Data - Must be fixed

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 003
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 4000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Tank Auditor

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 004
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 4000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Missing Code in Old Data - Must be fixed

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 005
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 2000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Tank Auditor

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 006
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 4000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Tank Auditor

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 007
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 550 gal.
Product Stored: Other
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Missing Code in Old Data - Must be fixed

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 008
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 09/01/1972
Tank Closed Date: 05/01/1993
Tank Capacity: 2000 gal.
Product Stored: Other
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: None
Tank Secondary Containment: None
Tank Leak Detection: Other
Overfill: None
Spill Prevention: None
Dispenser: None
Pipe Location: Underground/On-ground
Pipe Type: Galvanized Steel
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 05/01/1991
Tank Test Method: Missing Code in Old Data - Must be fixed

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 009
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 4000 gal.
Product Stored: Gasoline/Ethanol
Percentage: 10%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: Suction Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: Double-Walled (Underground)
Piping Leak Detection: Interstitial - Electronic Monitoring
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 010
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 4000 gal.
Product Stored: Gasoline/Ethanol
Percentage: 10%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: Pressurized Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: Double-Walled (Underground)
Piping Leak Detection: Interstitial - Electronic Monitoring
Piping Leak Detection: Pressurized Piping Leak Detector
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 011
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 4000 gal.
Product Stored: Diesel
Percentage: 100%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: Pressurized Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: Double-Walled (Underground)
Piping Leak Detection: Interstitial - Electronic Monitoring
Piping Leak Detection: Pressurized Piping Leak Detector
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 012
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 4000 gal.
Product Stored: Gasoline/Ethanol
Percentage: 10%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: Pressurized Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: Double-Walled (Underground)
Piping Leak Detection: Interstitial - Electronic Monitoring
Piping Leak Detection: Pressurized Piping Leak Detector
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 013
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 4000 gal.
Product Stored: Gasoline/Ethanol
Percentage: 10%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: Suction Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: Double-Walled (Underground)
Piping Leak Detection: Interstitial - Electronic Monitoring
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank

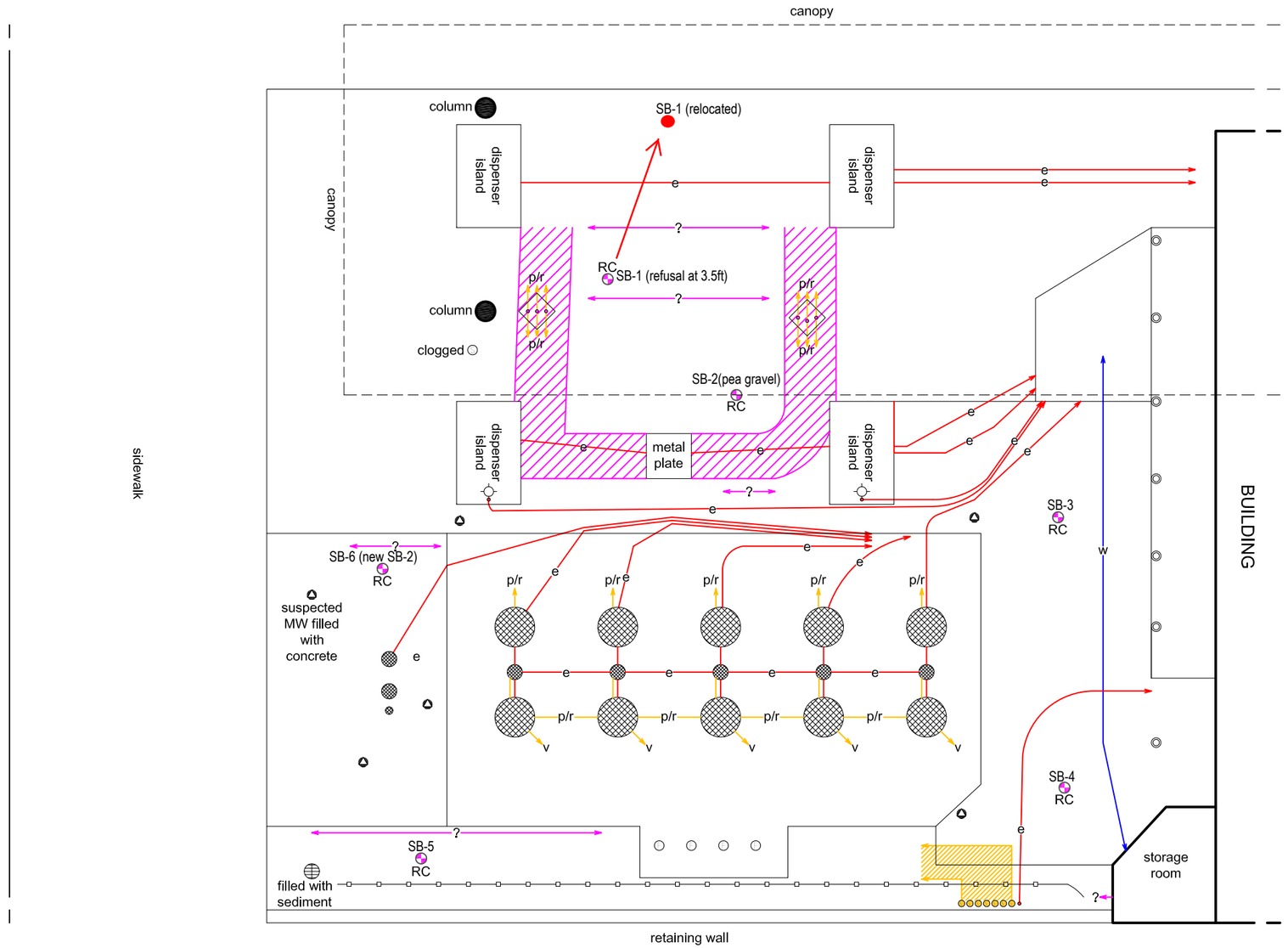
Site No: 2-297623
Site Name: DBA EAGLE WHITE PLAINS GAS CORP.
Tank No: 014
Tank Location: Underground
Tank Status: In Service
Tank Install Date: 10/01/1993
Tank Closed Date:
Tank Capacity: 550 gal.
Product Stored: Other
Percentage: 100%
Tank Type: 06 - Fiberglass Reinforced Plastic (FRP)
Tank Internal Protection: Fiberglass Liner (FRP)
Tank External Protection: Fiberglass
Tank Secondary Containment: Double-Walled (Underground)
Tank Leak Detection: Interstitial - Electronic Monitoring
Overfill: Float Vent Valve
Overfill: High Level Alarm
Spill Prevention: Catch Basin
Dispenser: None
Pipe Location: No Piping
Pipe Type: No Piping
Pipe External Protection: None
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 09/01/1997
Tank Test Method: USTest 2000/P/LL plus USTest 2000/U

Refine This Search

Return To Facility

ATTACHMENT 2

Geophysical Report



LEGEND

- e — electric line
- w — water line
- p/r — product/return line
- v — vent line
- ? — unknown line
- metal guard rail
- fill port
- electrical conduit
- UST vent
- bollard
- manhole cover
- monitoring well
- parking lot lamp
- catch basin
- sewer cleanout
- proposed exploratory boring site
- p/r line access under metal plate
- UST vent trench
- suspected p/r trench as seen by GPR

10 5 0 5 10 ft

Scale: One inch equals approximately ten feet

NAEVA GEOPHYSICS, INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

225 N. Route 303, Suite 102
Congers, NY. 10920
(845)268-1800
(845)268-1802 FAX

Figure 1. Results of a Geophysical Investigation
Wave Gas Station
1880 East Tremont Avenue
Bronx, New York

Client	ROUX Associates, Inc.	Date of Work	May 15, 2015
Project No.	C1505151A	Map By	Hiromi Hamajima

ALL UNDERGROUND FACILITIES MAY NOT BE DEPICTED ON THIS MAP

ATTACHMENT 3

Soil Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-2	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
Trinity Environmental / Joe Sakellis	**Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inch**	**Geoprobe 7720DT / Geoprobe**	**25**	**5/20/15-5/20/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete with rebar.			
		Brown, fine to coarse SAND, some Gravel, some Brick (fill); moist.		G 13.9 ppm	
		Brown, fine to coarse SAND, some Cobble, some Brick (fill); moist.		56.3 ppm	
5		Brown, fine to coarse SAND, some fine to coarse Gravel, little brick (fill); moist.		13.6 ppm	5
		Brown, fine to coarse SAND, little gravel, little silt; moist.		14.2 ppm	
10				14.7 ppm	10
				14.5 ppm	
		Brown to light grey, fine to coarse SAND, little silt; moist.		35.2 ppm	SB-2 (14-15) collected for VOCs and SVOCs. Odor and staining.
15					15
				31.7 ppm	Odor and staining.
		Grey to dark grey, fine to coarse SAND, little silt, trace fine gravel; moist.		1131 ppm	Odor and staining.
20					20
		Grey, fine to medium SAND, some Silt, little clay; moist.		1702 ppm	SB-2 (20-22) collected for VOCs and SVOCs.
		Grey, fine to medium SAND, some coarse Sand, little gravel, little cobble; wet.		1868 ppm	Wet at 22'.
		Brown to light grey, fine to coarse SAND, trace silt, trace fine gravel; wet.		199.5 ppm	End of boring at 25'.
25					25

BORING/FEET 2530.0001Y000.GPJ ROUX.GDT 6/19/15

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

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Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-3	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**
DRILLING CONTRACTOR/DRILLER: **Trinity Environmental / Joe Sakellis**	GEOGRAPHIC AREA: **Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inch**	**Geoprobe 7720DT / Geoprobe**		**5/19/15-5/19/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete and broken concrete.			
		Brown, fine to coarse SAND, some fine to medium Gravel, little brick, little cobble (fill); moist.		G 1.3 ppm	
				2.0 ppm	
5					5
		Brown, fine to coarse SAND, some Silt, trace clay; moist.		1.8 ppm	
10					10
		Brown, fine to coarse SAND, some Crushed Rock, little silt; moist.		3.9 ppm	
				6.0 ppm	
15					15
		Brown, fine to medium SAND, some coarse Sand, little fine gravel; moist.		9.1 ppm	
		Brown to dark brown, fine to medium SAND, some Silt, little clay, little coarse sand; moist.		51.7 ppm	
20					20
		Brown, fine to coarse SAND, little crushed rock; moist.		370.9 ppm	SB-3 (20-22) collected for VOCs and SVOCs. Odor.
		Grey to dark grey, fine to coarse SAND, little silt, little gravel; wet.			Wet at 22'.
				1286 ppm	Staining and odor. Refusal at 24'.

BORING/FEET 2530.0001Y000.GPJ ROUX.GDT 6/19/15

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-4	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**
DRILLING CONTRACTOR/DRILLER: **Trinity Environmental / Joe Sakellis**	GEOGRAPHIC AREA: **Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inch**	**Geoprobe 7720DT / Geoprobe**		**5/19/15-5/19/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete and broken concrete.			
		Brown, fine to coarse SAND, some Cobble, little brick (fill); moist.		G 0.2 ppm	
				2.3 ppm	
5		Brown, fine to medium SAND, some Silt, little clay, little brick, little crushed rock (fill); moist.			5
				10.0 ppm	
10		Brown, fine to coarse SAND, little silt, trace gravel; moist.			10
				7.9 ppm	
		Brown, fine to coarse SAND, little fine gravel, little silt; moist.		10.7 ppm	
15		Brown, fine to coarse SAND, little fine gravel, little silt; moist.			15
				7.6 ppm	
		Brown, fine to coarse SAND, some fine Gravel, little crushed rock; moist.		16.2 ppm	
20		Brown, fine to medium SAND, some Silt, little clay; moist.			20
				43.4 ppm	SB-4 (20-23) collected for VOCs and SVOCs.
		Brown, fine to medium SAND, some Silt, little clay, little gravel; wet.			Wet at 23'.
				20.1 ppm	
25					End of boring at 25'. 25

BORING/FEET 2530.0001Y000.GPJ ROUX.GDT 6/19/15

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

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Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-5	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**
DRILLING CONTRACTOR/DRILLER: **Trinity Environmental / Joe Sakellis**	GEOGRAPHIC AREA: **Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inch**	**Geoprobe 7720DT / Geoprobe**		**5/19/15-5/19/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete and broken concrete.			
		Brown, fine to medium SAND, some coarse Sand, little fine gravel; moist.		G 0.0 ppm	
		Light brown, fine to medium SAND, some coarse Sand, little fine gravel; moist.		0.0 ppm	
5		Brown to light brown, fine to coarse SAND, some Silt, little clay; moist.		0.4 ppm	5
		Light brown, fine to medium SAND, some coarse Sand, some Silt, little clay; moist.		0.9 ppm	
10		Brown, fine to coarse SAND, some Silt, some fine Gravel; moist.		0.3 ppm	10
		Brown, fine to coarse SAND, some Silt, little clay, little decomposed rock; moist.		4.5 ppm	
15		Brown, fine to medium SAND, some Silt, little clay; moist.		35.4 ppm	15
		Brown to light grey, fine to medium SAND, little silt, little clay; moist.		1121 ppm	Odor.
		Grey, fine to coarse SAND, little silt; moist.		1465 ppm	SB-5 (19-20) collected for VOCs and SVOCs. Odor.
20		Brown, fine to coarse SAND, trace silt; wet.		179.2 ppm	20 Wet at 20'.
		Grey, fine to coarse SAND, some fine Gravel; wet.		383.5 ppm	
		Brown, fine to medium SAND, some coarse Sand, little silt; wet.		26.8 ppm	
25					End of boring at 25'. 25

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-6	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**
DRILLING CONTRACTOR/DRILLER: **Trinity Environmental / Joe Sakellis**	GEOGRAPHIC AREA: **Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inch**	**Geoprobe 7720DT / Geoprobe**		**5/20/15-5/20/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete and broken concrete.			
		Dark brown, fine to coarse SAND, some fine to medium Gravel; moist.		G 32.5 ppm	
		Brown, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist.		8.8 ppm	
5		Brown, fine to coarse SAND, some Silt, little crushed rock; moist.		11.0 ppm	
				11.7 ppm	
		Crushed Rock.			
10		Brown, fine to coarse SAND, little silt, little crushed rock; moist.		10.5 ppm	
		Brown, fine to coarse SAND, some coarse Sand, some Silt; moist.		16.1 ppm	
15		Light grey, fine to medium SAND, some Silt, little clay; moist.		21.4 ppm	Staining and odor. SB-6 (15-17) collected for VOCs and SVOCs.
				89.7 ppm	SB-6 (17-19) collected for VOCs and SVOCs. Staining and odor.
20		Light grey, fine to medium SAND, some Silt, little clay; moist.		37.8 ppm	Staining and odor.
		Light grey to light brown, fine to medium SAND, some coarse Sand; wet.			Wet at 21'. Staining and odor.
				436.4 ppm	
				127.4 ppm	
25					End of boring at 25'.

BORING/FEET 2530.0001Y000.GPJ ROUX.GDT 6/19/15

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Fax: (631) 232-9898

SOIL BORING LOG

WELL NO.	NORTHING	EASTING
SB-7	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
2350.0001Y000 / ZP Realty LLC-Parkchester	**1880 East Tremont Avenue**
APPROVED BY: **Jessica Taylor** / LOGGED BY: **Brian Klaus**	**Bronx, New York**
DRILLING CONTRACTOR/DRILLER: **Trinity Environmental / Joe Sakellis**	GEOGRAPHIC AREA: **Bronx, NY**

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
2-inch / Drive Sampler	**2-inches**	**Geoprobe 7720DT / Geoprobe**		**5/20/15-5/20/15**

LAND SURFACE ELEVATION	DEPTH TO WATER	BACKFILL
Not Measured	**Not Measured**	

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Concrete and broken concrete.			
		Brown, fine to coarse SAND, some fine Gravel, little brick, little silt; moist.		20.6 ppm (G)	
				1121 ppm	
5					5
		Brown, fine to coarse SAND, some fine to medium gravel, little brick; wet.		227.4 ppm	Visible free product. SB-7 (6-8) collected for VOCs and SVOCs. Staining and odor.
		Brown to grey, fine to medium SAND, some Silt, litttle clay; moist.		224.1 ppm	Staining and odor.
10					10
		Brown to dark grey, fine to coarse SAND, little silt, little gravel; moist.		200.1 ppm	Staining and odor.
				268.0 ppm	Staining and odor.
15					15
		Brown to light grey, fine to medium SAND, little fine gravel, little crushed rock; moist.		211.0 ppm	Staining and odor.
		Light grey, fine to medium SAND, some Silt, little clay; moist.		221.0 ppm	Staining and odor.
20					20
		Light brown to light grey, fine to coarse SAND, some Silt, some clay; wet.		125.0 ppm	Staining and odor. Wet at 21'.
				119.8 ppm	Staining and odor.
		Brown, fine to coarse SAND, some Silt, little clay, trace fine gravel; wet.		117.4 ppm	Staining and odor.
25					End of boring at 25'. 25

BORING/FEET 2530.0001Y000.GPJ ROUX.GDT 6/19/15

ATTACHMENT 4

Laboratory Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-95181-1

Job Description: Parkchester Crossing

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Frank Cherena

Approved for release.
Sarah E Brown
Project Management Assistant II
5/28/2015 3:24 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
05/28/2015

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-95181-1

Job Description: Parkchester Crossing

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

Approved for release.
Sarah E Brown
Project Management Assistant II
5/28/2015 3:24 PM

Designee for
Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: Roux Associates, Inc.

Project: Parkchester Crossing

Report Number: 460-95181-1

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.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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 5/20/2015 5:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The P.O # listed on the COC was incorrect. The correct number is 2530.0001Y000.

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.

VOLATILE ORGANICS
Samples SB-5 (19-20) (460-95181-3), SB-4 (20-23) (460-95181-4), DUP 051915 (460-95181-5), SB-3 (20-22) (460-95181-6), SB-6 (15-17) (460-95181-7), SB-6 (17-19) (460-95181-8) and SB-2 (20-22) (460-95181-9) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 05/21/2015 and analyzed on 05/23/2015, 05/26/2015 and 05/27/2015.

The laboratory control sample duplicate (LCSD) for batch 300508 recovered outside control limits for the following analytes: N-Propylbenzene, n-Butylbenzene. These analytes were biased high in the LCSD and were not detected in the laboratory prep blank; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 300508 recovered above the upper control limits for the following analytes: Benzene, N-Propylbenzene, n-Butylbenzene. The laboratory prep blank with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-2 (20-22) (460-95181-9). Elevated reporting limits (RLs) are provided.

The following sample was diluted due to the abundance of non-target analytes: SB-5 (19-20) (460-95181-3). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS
Samples Field Blank 051915 (460-95181-1) and Trip Blank (460-95181-2) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 05/26/2015.

Benzene and Toluene failed the recovery criteria low for the MS and MSD of sample 460-95226-5 in batch 460-300778. Naphthalene

failed the recovery criteria high for the MSD.

The continuing calibration verification (CCV) analyzed in batch 300778 was outside the method criteria for the following analyte: tert-Butylbenzene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample Field Blank 051915 (460-95181-1) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 05/21/2015 and analyzed on 05/28/2015.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 300093 had two analytes (Fluoranthene, Benzo[a]pyrene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with batch 300093 contained one acid/base surrogate (Terphenyl-d14) outside acceptance limits. The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batches 300751 and 301157 was outside the method criteria for the following analytes: Pyrene, Terphenyl-d14. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 301331 was outside the method criteria for the following analytes: Pyrene, 2,4,6-Tribromophenol, Terphenyl-d14. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SB-5 (19-20) (460-95181-3), SB-4 (20-23) (460-95181-4), DUP 051915 (460-95181-5), SB-3 (20-22) (460-95181-6), SB-6 (15-17) (460-95181-7), SB-6 (17-19) (460-95181-8) and SB-2 (20-22) (460-95181-9) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 05/22/2015 and analyzed on 05/27/2015.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 300368 had two analytes (Indeno[1,2,3-cd]pyrene, Dibenz(a,h)anthracene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Naphthalene failed the recovery criteria low for the MS and MSD of sample 460-95030-1 in batch 460-300661.

Refer to the QC report for details.

Sample SB-3 (20-22) (460-95181-6)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-5 (19-20) (460-95181-3), SB-4 (20-23) (460-95181-4), DUP 051915 (460-95181-5), SB-3 (20-22) (460-95181-6), SB-6 (15-17) (460-95181-7), SB-6 (17-19) (460-95181-8) and SB-2 (20-22) (460-95181-9) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/21/2015.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-95181-1FB	Field Blank 051915	Water	05/19/2015 1245	05/20/2015 1710
460-95181-2TB	Trip Blank	Water	05/20/2015 1515	05/20/2015 1710
460-95181-3	SB-5 (19-20)	Solid	05/19/2015 1250	05/20/2015 1710
460-95181-4	SB-4 (20-23)	Solid	05/19/2015 1255	05/20/2015 1710
460-95181-5	DUP 051915	Solid	05/19/2015 1300	05/20/2015 1710
460-95181-6	SB-3 (20-22)	Solid	05/19/2015 1420	05/20/2015 1710
460-95181-7	SB-6 (15-17)	Solid	05/20/2015 1300	05/20/2015 1710
460-95181-8	SB-6 (17-19)	Solid	05/20/2015 1305	05/20/2015 1710
460-95181-9	SB-2 (20-22)	Solid	05/20/2015 1515	05/20/2015 1710

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-95181-1FB	**FIELD BLANK 051915**					
Benzene		0.12	J	1.0	ug/L	8260C
Toluene		0.42	J	1.0	ug/L	8260C
Xylenes, Total		0.45	J	2.0	ug/L	8260C
460-95181-3	**SB-5 (19-20)**					
1,2,4-Trimethylbenzene		980		110	ug/Kg	8260C
1,3,5-Trimethylbenzene		360		110	ug/Kg	8260C
Ethylbenzene		140		110	ug/Kg	8260C
Isopropylbenzene		73	J	110	ug/Kg	8260C
N-Propylbenzene		210		110	ug/Kg	8260C
sec-Butylbenzene		210		110	ug/Kg	8260C
Toluene		110		110	ug/Kg	8260C
Xylenes, Total		870		210	ug/Kg	8260C
Benzo[a]pyrene		15	J	38	ug/Kg	8270D
Benzo[b]fluoranthene		23	J	38	ug/Kg	8270D
Chrysene		20	J	380	ug/Kg	8270D
Fluoranthene		34	J	380	ug/Kg	8270D
Naphthalene		16	J	380	ug/Kg	8270D
Phenanthrene		16	J	380	ug/Kg	8270D
Pyrene		36	J	380	ug/Kg	8270D
Percent Moisture		13.2		1.0	%	Moisture
Percent Solids		86.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-95181-4	**SB-4 (20-23)**					
Toluene		0.27	J	1.1	ug/Kg	8260C
Acenaphthene		18	J	400	ug/Kg	8270D
Acenaphthylene		15	J	400	ug/Kg	8270D
Anthracene		63	J	400	ug/Kg	8270D
Benzo[a]anthracene		240		40	ug/Kg	8270D
Benzo[a]pyrene		240		40	ug/Kg	8270D
Benzo[b]fluoranthene		300		40	ug/Kg	8270D
Benzo[g,h,i]perylene		270	J	400	ug/Kg	8270D
Benzo[k]fluoranthene		100		40	ug/Kg	8270D
Chrysene		270	J	400	ug/Kg	8270D
Dibenz(a,h)anthracene		59	*	40	ug/Kg	8270D
Fluoranthene		430		400	ug/Kg	8270D
Fluorene		20	J	400	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		320	*	40	ug/Kg	8270D
Naphthalene		17	J	400	ug/Kg	8270D
Phenanthrene		290	J	400	ug/Kg	8270D
Pyrene		410		400	ug/Kg	8270D
Percent Moisture		17.1		1.0	%	Moisture
Percent Solids		82.9		1.0	%	Moisture
460-95181-5	**DUP 051915**					
1,2,4-Trimethylbenzene		50		1.1	ug/Kg	8260C
1,3,5-Trimethylbenzene		18		1.1	ug/Kg	8260C
Benzene		10		1.1	ug/Kg	8260C
Ethylbenzene		21		1.1	ug/Kg	8260C
Isopropylbenzene		7.9		1.1	ug/Kg	8260C
Naphthalene		17		1.1	ug/Kg	8260C
n-Butylbenzene		7.4		1.1	ug/Kg	8260C
N-Propylbenzene		17		1.1	ug/Kg	8260C
sec-Butylbenzene		21		1.1	ug/Kg	8260C
tert-Butylbenzene		1.7		1.1	ug/Kg	8260C
Toluene		90		1.1	ug/Kg	8260C
Xylenes, Total		140		2.2	ug/Kg	8260C
Fluoranthene		23	J	380	ug/Kg	8270D
Pyrene		23	J	380	ug/Kg	8270D
Percent Moisture		12.4		1.0	%	Moisture
Percent Solids		87.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-95181-6	**SB-3 (20-22)**					
1,2,4-Trimethylbenzene		120		1.2	ug/Kg	8260C
1,3,5-Trimethylbenzene		37		1.2	ug/Kg	8260C
4-Isopropyltoluene		0.92	J	1.2	ug/Kg	8260C
Benzene		0.83	J	1.2	ug/Kg	8260C
Ethylbenzene		47		1.2	ug/Kg	8260C
Isopropylbenzene		7.3		1.2	ug/Kg	8260C
Naphthalene		13		1.2	ug/Kg	8260C
n-Butylbenzene		5.4		1.2	ug/Kg	8260C
N-Propylbenzene		23		1.2	ug/Kg	8260C
sec-Butylbenzene		1.6		1.2	ug/Kg	8260C
Toluene		0.63	J	1.2	ug/Kg	8260C
Xylenes, Total		110		2.5	ug/Kg	8260C
Acenaphthene		18	J	730	ug/Kg	8270D
Benzo[a]anthracene		200		73	ug/Kg	8270D
Benzo[a]pyrene		180		73	ug/Kg	8270D
Benzo[b]fluoranthene		220		73	ug/Kg	8270D
Benzo[g,h,i]perylene		210	J	730	ug/Kg	8270D
Benzo[k]fluoranthene		72	J	73	ug/Kg	8270D
Chrysene		200	J	730	ug/Kg	8270D
Dibenz(a,h)anthracene		56	J *	73	ug/Kg	8270D
Fluoranthene		330	J	730	ug/Kg	8270D
Fluorene		20	J	730	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		230	*	73	ug/Kg	8270D
Naphthalene		19	J	730	ug/Kg	8270D
Phenanthrene		270	J	730	ug/Kg	8270D
Pyrene		280	J	730	ug/Kg	8270D
Percent Moisture		9.1		1.0	%	Moisture
Percent Solids		90.9		1.0	%	Moisture
460-95181-7	**SB-6 (15-17)**					
Benzene		0.39	J	1.0	ug/Kg	8260C
Methyl tert-butyl ether		1.5		1.0	ug/Kg	8260C
Percent Moisture		17.0		1.0	%	Moisture
Percent Solids		83.0		1.0	%	Moisture
460-95181-8	**SB-6 (17-19)**					
Methyl tert-butyl ether		1.0		1.0	ug/Kg	8260C
Percent Moisture		13.0		1.0	%	Moisture
Percent Solids		87.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-95181-9	**SB-2 (20-22)**					
1,2,4-Trimethylbenzene		43000		110	ug/Kg	8260C
1,3,5-Trimethylbenzene		13000		110	ug/Kg	8260C
4-Isopropyltoluene		620		110	ug/Kg	8260C
Benzene		260		110	ug/Kg	8260C
Ethylbenzene		12000		110	ug/Kg	8260C
Isopropylbenzene		2500		110	ug/Kg	8260C
Naphthalene		2400		110	ug/Kg	8260C
n-Butylbenzene		3800		110	ug/Kg	8260C
N-Propylbenzene		9000		110	ug/Kg	8260C
sec-Butylbenzene		850		110	ug/Kg	8260C
Toluene		40	J	110	ug/Kg	8260C
Xylenes, Total		19000		210	ug/Kg	8260C
Benzo[a]anthracene		52		41	ug/Kg	8270D
Benzo[a]pyrene		54		41	ug/Kg	8270D
Benzo[b]fluoranthene		78		41	ug/Kg	8270D
Benzo[g,h,i]perylene		50	J	410	ug/Kg	8270D
Chrysene		54	J	410	ug/Kg	8270D
Fluoranthene		68	J	410	ug/Kg	8270D
Fluorene		14	J	410	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		48	*	41	ug/Kg	8270D
Naphthalene		270	J	410	ug/Kg	8270D
Phenanthrene		50	J	410	ug/Kg	8270D
Pyrene		73	J	410	ug/Kg	8270D
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95181-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method	Analyst	Analyst ID
SW846 8260C	Boykin, Kenneth	KLB
SW846 8260C	Martinez, Eddie	EMM
SW846 8260C	Moroney, Christopher J	CJM
SW846 8270D	Zhao, Chunxin	CAZ
EPA Moisture	Armbruster, Chris	CJA

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: **Field Blank 051915**

Lab Sample ID: 460-95181-1FB Date Sampled: 05/19/2015 1245
Client Matrix: Water Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F27892.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1010			Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 1010				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.12	J	0.090	1.0
Toluene	0.42	J	0.25	1.0
Ethylbenzene	1.0	U	0.30	1.0
Xylenes, Total	0.45	J	0.28	2.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Naphthalene	1.0	U	0.26	1.0
1,2,4-Trimethylbenzene	1.0	U	0.23	1.0
1,3,5-Trimethylbenzene	1.0	U	0.25	1.0
Isopropylbenzene	1.0	U	0.32	1.0
N-Propylbenzene	1.0	U	0.29	1.0
4-Isopropyltoluene	1.0	U	0.26	1.0
sec-Butylbenzene	1.0	U	0.31	1.0
tert-Butylbenzene	1.0	U	0.28	1.0
n-Butylbenzene	1.0	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Toluene-d8 (Surr)	115		70 - 130
4-Bromofluorobenzene	121		64 - 135
Dibromofluoromethane (Surr)	118		72 - 137

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-95181-2TB Date Sampled: 05/20/2015 1515
Client Matrix: Water Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F27893.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1034			Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 1034				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.090	1.0
Toluene	1.0	U	0.25	1.0
Ethylbenzene	1.0	U	0.30	1.0
Xylenes, Total	2.0	U	0.28	2.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Naphthalene	1.0	U	0.26	1.0
1,2,4-Trimethylbenzene	1.0	U	0.23	1.0
1,3,5-Trimethylbenzene	1.0	U	0.25	1.0
Isopropylbenzene	1.0	U	0.32	1.0
N-Propylbenzene	1.0	U	0.29	1.0
4-Isopropyltoluene	1.0	U	0.26	1.0
sec-Butylbenzene	1.0	U	0.31	1.0
tert-Butylbenzene	1.0	U	0.28	1.0
n-Butylbenzene	1.0	U	0.27	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
Toluene-d8 (Surr)	86		70 - 130
4-Bromofluorobenzene	89		64 - 135
Dibromofluoromethane (Surr)	88		72 - 137

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-5 (19-20)

Lab Sample ID: 460-95181-3 Date Sampled: 05/19/2015 1250
Client Matrix: Solid % Moisture: 13.2 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300803	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-299916	Lab File ID:	B83031.D
Dilution:	50			Initial Weight/Volume:	5.40 g
Analysis Date:	05/26/2015 1528			Final Weight/Volume:	10 mL
Prep Date:	05/21/2015 0125				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		980		25	110
1,3,5-Trimethylbenzene		360		27	110
4-Isopropyltoluene		110	U	28	110
Benzene		110	U	20	110
Ethylbenzene		140		32	110
Isopropylbenzene		73	J	34	110
Methyl tert-butyl ether		110	U	14	110
Naphthalene		110	U	28	110
n-Butylbenzene		110	U	29	110
N-Propylbenzene		210		31	110
sec-Butylbenzene		210		33	110
tert-Butylbenzene		110	U	30	110
Toluene		110		27	110
Xylenes, Total		870		30	210

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		75 - 135
4-Bromofluorobenzene	98		72 - 133
Dibromofluoromethane (Surr)	108		70 - 130
Toluene-d8 (Surr)	104		59 - 150

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-4 (20-23)

Lab Sample ID: 460-95181-4 Date Sampled: 05/19/2015 1255
Client Matrix: Solid % Moisture: 17.1 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-299917	Lab File ID:	O98845.D
Dilution:	1.0			Initial Weight/Volume:	5.28 g
Analysis Date:	05/27/2015 0310			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0131				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		1.1	U	0.39	1.1
1,3,5-Trimethylbenzene		1.1	U	0.15	1.1
4-Isopropyltoluene		1.1	U	0.17	1.1
Benzene		1.1	U	0.23	1.1
Ethylbenzene		1.1	U	0.21	1.1
Isopropylbenzene		1.1	U	0.19	1.1
Methyl tert-butyl ether		1.1	U	0.19	1.1
Naphthalene		1.1	U	0.14	1.1
n-Butylbenzene		1.1	U	0.24	1.1
N-Propylbenzene		1.1	U	0.21	1.1
sec-Butylbenzene		1.1	U	0.19	1.1
tert-Butylbenzene		1.1	U	0.39	1.1
Toluene		0.27	J	0.22	1.1
Xylenes, Total		2.3	U	0.13	2.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene	113		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: DUP 051915

Lab Sample ID: 460-95181-5 Date Sampled: 05/19/2015 1300
Client Matrix: Solid % Moisture: 12.4 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-299917	Lab File ID:	O98853.D
Dilution:	1.0			Initial Weight/Volume:	5.24 g
Analysis Date:	05/27/2015 0633			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0131				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		50		0.37	1.1
1,3,5-Trimethylbenzene		18		0.14	1.1
4-Isopropyltoluene		1.1	U	0.16	1.1
Benzene		10		0.22	1.1
Ethylbenzene		21		0.20	1.1
Isopropylbenzene		7.9		0.19	1.1
Methyl tert-butyl ether		1.1	U	0.19	1.1
Naphthalene		17		0.13	1.1
n-Butylbenzene		7.4		0.23	1.1
N-Propylbenzene		17		0.20	1.1
sec-Butylbenzene		21		0.19	1.1
tert-Butylbenzene		1.7		0.37	1.1
Toluene		90		0.21	1.1
Xylenes, Total		140		0.12	2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
4-Bromofluorobenzene	114		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	109		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-3 (20-22)

Lab Sample ID: 460-95181-6 Date Sampled: 05/19/2015 1420
Client Matrix: Solid % Moisture: 9.1 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-299917	Lab File ID:	O98852.D
Dilution:	1.0			Initial Weight/Volume:	4.41 g
Analysis Date:	05/27/2015 0608			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0132				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		120		0.42	1.2
1,3,5-Trimethylbenzene		37		0.16	1.2
4-Isopropyltoluene		0.92	J	0.19	1.2
Benzene		0.83	J	0.25	1.2
Ethylbenzene		47		0.22	1.2
Isopropylbenzene		7.3		0.21	1.2
Methyl tert-butyl ether		1.2	U	0.21	1.2
Naphthalene		13		0.15	1.2
n-Butylbenzene		5.4		0.26	1.2
N-Propylbenzene		23		0.22	1.2
sec-Butylbenzene		1.6		0.21	1.2
tert-Butylbenzene		1.2	U	0.42	1.2
Toluene		0.63	J	0.24	1.2
Xylenes, Total		110		0.14	2.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 130
4-Bromofluorobenzene	119		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-6 (15-17)

Lab Sample ID: 460-95181-7 Date Sampled: 05/20/2015 1300
Client Matrix: Solid % Moisture: 17.0 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-299917	Lab File ID:	O98851.D
Dilution:	1.0			Initial Weight/Volume:	5.79 g
Analysis Date:	05/27/2015 0542			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0133				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		1.0	U	0.35	1.0
1,3,5-Trimethylbenzene		1.0	U	0.14	1.0
4-Isopropyltoluene		1.0	U	0.16	1.0
Benzene		0.39	J	0.21	1.0
Ethylbenzene		1.0	U	0.19	1.0
Isopropylbenzene		1.0	U	0.18	1.0
Methyl tert-butyl ether		1.5		0.18	1.0
Naphthalene		1.0	U	0.12	1.0
n-Butylbenzene		1.0	U	0.22	1.0
N-Propylbenzene		1.0	U	0.19	1.0
sec-Butylbenzene		1.0	U	0.18	1.0
tert-Butylbenzene		1.0	U	0.35	1.0
Toluene		1.0	U	0.20	1.0
Xylenes, Total		2.1	U	0.11	2.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
4-Bromofluorobenzene	110		70 - 130
Dibromofluoromethane (Surr)	116		70 - 130
Toluene-d8 (Surr)	94		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-6 (17-19)

Lab Sample ID: 460-95181-8 Date Sampled: 05/20/2015 1305
Client Matrix: Solid % Moisture: 13.0 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-299917	Lab File ID:	O98850.D
Dilution:	1.0			Initial Weight/Volume:	5.68 g
Analysis Date:	05/27/2015 0517			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0133				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		1.0	U	0.34	1.0
1,3,5-Trimethylbenzene		1.0	U	0.13	1.0
4-Isopropyltoluene		1.0	U	0.15	1.0
Benzene		1.0	U	0.20	1.0
Ethylbenzene		1.0	U	0.18	1.0
Isopropylbenzene		1.0	U	0.17	1.0
Methyl tert-butyl ether		1.0		0.17	1.0
Naphthalene		1.0	U	0.12	1.0
n-Butylbenzene		1.0	U	0.21	1.0
N-Propylbenzene		1.0	U	0.18	1.0
sec-Butylbenzene		1.0	U	0.17	1.0
tert-Butylbenzene		1.0	U	0.34	1.0
Toluene		1.0	U	0.19	1.0
Xylenes, Total		2.0	U	0.11	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
4-Bromofluorobenzene	113		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130
Toluene-d8 (Surr)	95		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-2 (20-22)

Lab Sample ID: 460-95181-9 Date Sampled: 05/20/2015 1515
Client Matrix: Solid % Moisture: 18.6 Date Received: 05/20/2015 1710

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300519	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-299916	Lab File ID:	B82980.D
Dilution:	50			Initial Weight/Volume:	5.82 g
Analysis Date:	05/23/2015 0356			Final Weight/Volume:	10 mL
Prep Date:	05/21/2015 0127				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		43000		24	110
1,3,5-Trimethylbenzene		13000		26	110
4-Isopropyltoluene		620		27	110
Benzene		260		20	110
Ethylbenzene		12000		32	110
Isopropylbenzene		2500		34	110
Methyl tert-butyl ether		110	U	14	110
Naphthalene		2400		27	110
n-Butylbenzene		3800		28	110
N-Propylbenzene		9000		31	110
sec-Butylbenzene		850		33	110
tert-Butylbenzene		110	U	30	110
Toluene		40	J	26	110
Xylenes, Total		19000		30	210

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		75 - 135
4-Bromofluorobenzene	96		72 - 133
Dibromofluoromethane (Surr)	103		70 - 130
Toluene-d8 (Surr)	105		59 - 150

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: **Field Blank 051915**

Lab Sample ID: 460-95181-1FB
Client Matrix: Water

Date Sampled: 05/19/2015 1245
Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-301157	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-300093	Lab File ID:	C16572.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	05/28/2015 0103			Final Weight/Volume:	2 mL
Prep Date:	05/21/2015 1257			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	10	U	2.1	10
Acenaphthylene	10	U	1.9	10
Acenaphthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Phenanthrene	10	U	1.3	10
Anthracene	10	U	0.89	10
Fluoranthene	10	U *	1.1	10
Pyrene	10	U	1.1	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Chrysene	2.1	U	1.5	2.1
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[k]fluoranthene	1.0	U	0.15	1.0
Benzo[a]pyrene	1.0	U *	0.15	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Dibenz(a,h)anthracene	1.0	U	0.17	1.0
Benzo[g,h,i]perylene	10	U	0.97	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	80		60 - 114
Phenol-d5 (Surr)	27		4 - 86
Terphenyl-d14 (Surr)	72		72 - 130
2,4,6-Tribromophenol (Surr)	80		51 - 126
2-Fluorophenol (Surr)	46		15 - 96
2-Fluorobiphenyl	84		50 - 120

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-5 (19-20)

Lab Sample ID: 460-95181-3 Date Sampled: 05/19/2015 1250
Client Matrix: Solid % Moisture: 13.2 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-301230	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-300363	Lab File ID:	z1489.D
Dilution:	1.0			Initial Weight/Volume:	14.9888 g
Analysis Date:	05/27/2015 2305			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	9.2	380
Acenaphthylene		380	U	9.8	380
Anthracene		380	U	36	380
Benzo[a]anthracene		38	U	32	38
Benzo[a]pyrene		15	J	12	38
Benzo[b]fluoranthene		23	J	15	38
Benzo[g,h,i]perylene		380	U	22	380
Benzo[k]fluoranthene		38	U	17	38
Chrysene		20	J	10	380
Dibenz(a,h)anthracene		38	U	20	38
Fluoranthene		34	J	11	380
Fluorene		380	U	8.3	380
Indeno[1,2,3-cd]pyrene		38	U	25	38
Naphthalene		16	J	9.7	380
Phenanthrene		16	J	10	380
Pyrene		36	J	17	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	37		10 - 120
2-Fluorobiphenyl	54		40 - 109
2-Fluorophenol (Surr)	48		37 - 125
Nitrobenzene-d5 (Surr)	61		38 - 105
Phenol-d5 (Surr)	55		41 - 118
Terphenyl-d14 (Surr)	77		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-4 (20-23)

Lab Sample ID: 460-95181-4 Date Sampled: 05/19/2015 1255
Client Matrix: Solid % Moisture: 17.1 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2633.D
Dilution:	1.0			Initial Weight/Volume:	15.0216 g
Analysis Date:	05/27/2015 1248			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		18	J	9.6	400
Acenaphthylene		15	J	10	400
Anthracene		63	J	38	400
Benzo[a]anthracene		240		33	40
Benzo[a]pyrene		240		12	40
Benzo[b]fluoranthene		300		16	40
Benzo[g,h,i]perylene		270	J	23	400
Benzo[k]fluoranthene		100		17	40
Chrysene		270	J	11	400
Dibenz(a,h)anthracene		59	*	21	40
Fluoranthene		430		12	400
Fluorene		20	J	8.7	400
Indeno[1,2,3-cd]pyrene		320	*	27	40
Naphthalene		17	J	10	400
Phenanthrene		290	J	11	400
Pyrene		410		18	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	22		10 - 120
2-Fluorobiphenyl	70		40 - 109
2-Fluorophenol (Surr)	48		37 - 125
Nitrobenzene-d5 (Surr)	56		38 - 105
Phenol-d5 (Surr)	52		41 - 118
Terphenyl-d14 (Surr)	73		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: DUP 051915

Lab Sample ID: 460-95181-5 Date Sampled: 05/19/2015 1300
Client Matrix: Solid % Moisture: 12.4 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2611.D
Dilution:	1.0			Initial Weight/Volume:	15.0212 g
Analysis Date:	05/27/2015 0436			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	9.1	380
Acenaphthylene		380	U	9.7	380
Anthracene		380	U	36	380
Benzo[a]anthracene		38	U	31	38
Benzo[a]pyrene		38	U	11	38
Benzo[b]fluoranthene		38	U	15	38
Benzo[g,h,i]perylene		380	U	22	380
Benzo[k]fluoranthene		38	U	16	38
Chrysene		380	U	10	380
Dibenz(a,h)anthracene		38	U *	20	38
Fluoranthene		23	J	11	380
Fluorene		380	U	8.2	380
Indeno[1,2,3-cd]pyrene		38	U *	25	38
Naphthalene		380	U	9.6	380
Phenanthrene		380	U	10	380
Pyrene		23	J	17	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	57		10 - 120
2-Fluorobiphenyl	62		40 - 109
2-Fluorophenol (Surr)	54		37 - 125
Nitrobenzene-d5 (Surr)	61		38 - 105
Phenol-d5 (Surr)	59		41 - 118
Terphenyl-d14 (Surr)	82		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-3 (20-22)

Lab Sample ID: 460-95181-6 Date Sampled: 05/19/2015 1420
Client Matrix: Solid % Moisture: 9.1 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2634.D
Dilution:	2.0			Initial Weight/Volume:	14.9754 g
Analysis Date:	05/27/2015 1311			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		18	J	18	730
Acenaphthylene		730	U	19	730
Anthracene		730	U	69	730
Benzo[a]anthracene		200		61	73
Benzo[a]pyrene		180		22	73
Benzo[b]fluoranthene		220		28	73
Benzo[g,h,i]perylene		210	J	42	730
Benzo[k]fluoranthene		72	J	32	73
Chrysene		200	J	20	730
Dibenz(a,h)anthracene		56	J *	38	73
Fluoranthene		330	J	22	730
Fluorene		20	J	16	730
Indeno[1,2,3-cd]pyrene		230	*	48	73
Naphthalene		19	J	19	730
Phenanthrene		270	J	19	730
Pyrene		280	J	33	730

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	20		10 - 120
2-Fluorobiphenyl	62		40 - 109
2-Fluorophenol (Surr)	46		37 - 125
Nitrobenzene-d5 (Surr)	51		38 - 105
Phenol-d5 (Surr)	45		41 - 118
Terphenyl-d14 (Surr)	60		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-6 (15-17)

Lab Sample ID: 460-95181-7 Date Sampled: 05/20/2015 1300
Client Matrix: Solid % Moisture: 17.0 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2612.D
Dilution:	1.0			Initial Weight/Volume:	15.0326 g
Analysis Date:	05/27/2015 0459			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		400	U	9.6	400
Acenaphthylene		400	U	10	400
Anthracene		400	U	38	400
Benzo[a]anthracene		40	U	33	40
Benzo[a]pyrene		40	U	12	40
Benzo[b]fluoranthene		40	U	16	40
Benzo[g,h,i]perylene		400	U	23	400
Benzo[k]fluoranthene		40	U	17	40
Chrysene		400	U	11	400
Dibenz(a,h)anthracene		40	U *	21	40
Fluoranthene		400	U	12	400
Fluorene		400	U	8.7	400
Indeno[1,2,3-cd]pyrene		40	U *	26	40
Naphthalene		400	U	10	400
Phenanthrene		400	U	11	400
Pyrene		400	U	18	400

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	68		10 - 120
2-Fluorobiphenyl	60		40 - 109
2-Fluorophenol (Surr)	55		37 - 125
Nitrobenzene-d5 (Surr)	60		38 - 105
Phenol-d5 (Surr)	59		41 - 118
Terphenyl-d14 (Surr)	77		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-6 (17-19)

Lab Sample ID: 460-95181-8 Date Sampled: 05/20/2015 1305
Client Matrix: Solid % Moisture: 13.0 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2617.D
Dilution:	1.0			Initial Weight/Volume:	14.9754 g
Analysis Date:	05/27/2015 0651			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	9.2	380
Acenaphthylene		380	U	9.8	380
Anthracene		380	U	36	380
Benzo[a]anthracene		38	U	32	38
Benzo[a]pyrene		38	U	12	38
Benzo[b]fluoranthene		38	U	15	38
Benzo[g,h,i]perylene		380	U	22	380
Benzo[k]fluoranthene		38	U	17	38
Chrysene		380	U	10	380
Dibenz(a,h)anthracene		38	U *	20	38
Fluoranthene		380	U	11	380
Fluorene		380	U	8.3	380
Indeno[1,2,3-cd]pyrene		38	U *	25	38
Naphthalene		380	U	9.7	380
Phenanthrene		380	U	10	380
Pyrene		380	U	17	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	56		10 - 120
2-Fluorobiphenyl	62		40 - 109
2-Fluorophenol (Surr)	54		37 - 125
Nitrobenzene-d5 (Surr)	59		38 - 105
Phenol-d5 (Surr)	56		41 - 118
Terphenyl-d14 (Surr)	85		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Client Sample ID: SB-2 (20-22)

Lab Sample ID: 460-95181-9 Date Sampled: 05/20/2015 1515
Client Matrix: Solid % Moisture: 18.6 Date Received: 05/20/2015 1710

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-300368	Lab File ID:	x2624.D
Dilution:	1.0			Initial Weight/Volume:	14.9652 g
Analysis Date:	05/27/2015 0927			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		410	U	9.8	410
Acenaphthylene		410	U	10	410
Anthracene		410	U	39	410
Benzo[a]anthracene		52		34	41
Benzo[a]pyrene		54		12	41
Benzo[b]fluoranthene		78		16	41
Benzo[g,h,i]perylene		50	J	23	410
Benzo[k]fluoranthene		41	U	18	41
Chrysene		54	J	11	410
Dibenz(a,h)anthracene		41	U *	21	41
Fluoranthene		68	J	12	410
Fluorene		14	J	8.9	410
Indeno[1,2,3-cd]pyrene		48	*	27	41
Naphthalene		270	J	10	410
Phenanthrene		50	J	11	410
Pyrene		73	J	18	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	34		10 - 120
2-Fluorobiphenyl	64		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	59		38 - 105
Phenol-d5 (Surr)	57		41 - 118
Terphenyl-d14 (Surr)	91		16 - 151

General Chemistry

Client Sample ID: **SB-5 (19-20)**

Lab Sample ID: 460-95181-3 Date Sampled: 05/19/2015 1250
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	86.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-4 (20-23)**

Lab Sample ID: 460-95181-4 Date Sampled: 05/19/2015 1255
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	82.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP 051915**

Lab Sample ID: 460-95181-5 Date Sampled: 05/19/2015 1300
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	87.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-3 (20-22)**

Lab Sample ID: 460-95181-6 Date Sampled: 05/19/2015 1420
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	90.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-6 (15-17)**

Lab Sample ID: 460-95181-7 Date Sampled: 05/20/2015 1300
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	17.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	83.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-6 (17-19)**

Lab Sample ID: 460-95181-8 Date Sampled: 05/20/2015 1305
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	87.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-2 (20-22)**

Lab Sample ID: 460-95181-9 Date Sampled: 05/20/2015 1515
Client Matrix: Solid Date Received: 05/20/2015 1710

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300118	Analysis Date: 05/21/2015 1428						DryWt Corrected: N

Client: Roux Associates, Inc. Job Number: 460-95181-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-95181-4	SB-4 (20-23)	110	104	97	113
460-95181-5	DUP 051915	93	89	109	114
460-95181-6	SB-3 (20-22)	93	89	98	119
460-95181-7	SB-6 (15-17)	116	111	94	110
460-95181-8	SB-6 (17-19)	110	106	95	113
MB 460-300508/8		105	106	113	98
MB 460-300938/7		124	123	91	108
LB3 460-299917/1-A		101	103	109	95
LCS 460-300508/4		94	98	102	91
LCS 460-300938/5		104	103	96	116
LCSD 460-300508/5		98	104	104	93
LCSD 460-300938/27		99	98	86	104

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-95181-3	SB-5 (19-20)	108	105	104	98
460-95181-9	SB-2 (20-22)	103	117	105	96
MB 460-300519/8		106	102	106	106
MB 460-300803/8		113	104	106	103
LCS 460-300519/4		104	98	104	101
LCS 460-300803/4		107	96	103	100
LCSD 460-300519/5		104	95	105	98
LCSD 460-300803/5		112	106	101	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = 4-Bromofluorobenzene	72-133

Client: Roux Associates, Inc. Job Number: 460-95181-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-95181-1	Field Blank 051915	118	109	115	121
460-95181-2	Trip Blank	88	84	86	89
MB 460-300778/7		99	93	95	98
LCS 460-300778/5		123	117	122	122
460-95226-A-5 MS		87	88	96	81
460-95226-A-5 MSD		88	89	98	82

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Client: Roux Associates, Inc. Job Number: 460-95181-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-95181-3	SB-5 (19-20)	48	55	61	54	37	77
460-95181-4	SB-4 (20-23)	48	52	56	70	22	73
460-95181-5	DUP 051915	54	59	61	62	57	82
460-95181-6	SB-3 (20-22)	46	45	51	62	20	60
460-95181-7	SB-6 (15-17)	55	59	60	60	68	77
460-95181-8	SB-6 (17-19)	54	56	59	62	56	85
460-95181-9	SB-2 (20-22)	52	57	59	64	34	91
MB 460-300363/1-A		82	85	87	76	77	106
MB 460-300368/1-A		80	84	82	78	105	101
LCS 460-300363/2-A		73	78	76	69	86	86
LCS 460-300368/2-A		79	82	81	84	86	110
460-95181-4 MS	SB-4 (20-23) MS	48	52	51	59	38	72
460-95030-E-1-A MS		60	61	65	60	66	74
460-95181-4 MSD	SB-4 (20-23) MSD	49	52	55	64	35	68
460-95030-E-1-B MSD		59	60	64	59	66	69

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-95181-1	Field Blank 051915	46	27	80	84	80	72
MB 460-300093/1-A		48	33	89	90	83	82
LCS 460-300093/2-A		39	27	78	78	78	69*
LCSD 460-300093/3-A		35	22	78	76	88	55*

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	15-96
PHL = Phenol-d5 (Surr)	4-86
NBZ = Nitrobenzene-d5 (Surr)	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol (Surr)	51-126
TPH = Terphenyl-d14 (Surr)	72-130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-299917

Method: 8260C
Preparation: 5035

Lab Sample ID:	LB3 460-299917/1-A	Analysis Batch:	460-300508	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	460-299917	Lab File ID:	D10467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/22/2015 2307	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 0129				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.20	1.0
Ethylbenzene	1.0	U	0.18	1.0
1,2,4-Trimethylbenzene	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Naphthalene	1.0	U	0.12	1.0
1,3,5-Trimethylbenzene	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.17	1.0
N-Propylbenzene	1.0	U	0.18	1.0
4-Isopropyltoluene	1.0	U	0.15	1.0
sec-Butylbenzene	1.0	U	0.17	1.0
Toluene	1.0	U	0.19	1.0
tert-Butylbenzene	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.21	1.0
Xylenes, Total	2.0	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	95	70 - 130
Toluene-d8 (Surr)	109	70 - 130
Dibromofluoromethane (Surr)	101	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300508

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300508/8	Analysis Batch:	460-300508	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D10463.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2129	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.20	1.0
Ethylbenzene	1.0	U	0.18	1.0
1,2,4-Trimethylbenzene	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Naphthalene	1.0	U	0.12	1.0
1,3,5-Trimethylbenzene	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.17	1.0
N-Propylbenzene	1.0	U	0.18	1.0
4-Isopropyltoluene	1.0	U	0.15	1.0
sec-Butylbenzene	1.0	U	0.17	1.0
Toluene	1.0	U	0.19	1.0
tert-Butylbenzene	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.21	1.0
Xylenes, Total	2.0	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
4-Bromofluorobenzene	98	70 - 130
Toluene-d8 (Surr)	113	70 - 130
Dibromofluoromethane (Surr)	105	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300508

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300508/4	Analysis Batch:	460-300508	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D10459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 1946	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300508/5	Analysis Batch:	460-300508	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D10460.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2015	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	110	123	75 - 123	11	30		
Ethylbenzene	101	111	80 - 120	10	30		
1,2,4-Trimethylbenzene	105	119	80 - 122	13	30		
Methyl tert-butyl ether	99	110	75 - 124	10	30		
1,3,5-Trimethylbenzene	105	120	79 - 122	13	30		
Naphthalene	89	103	73 - 121	14	30		
Isopropylbenzene	99	112	80 - 120	12	30		
N-Propylbenzene	112	130	77 - 124	15	30		*
4-Isopropyltoluene	103	117	78 - 120	13	30		
sec-Butylbenzene	106	121	78 - 125	13	30		
tert-Butylbenzene	97	109	79 - 122	12	30		
Toluene	99	112	82 - 117	12	30		
n-Butylbenzene	113	129	79 - 125	13	30		*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	104	70 - 130
4-Bromofluorobenzene	91	93	70 - 130
Toluene-d8 (Surr)	102	104	70 - 130
Dibromofluoromethane (Surr)	94	98	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300508

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300508/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300508/5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	05/22/2015 1946		Analysis Date:	05/22/2015 2015	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Benzene	20.0	20.0	22.0	24.5	
Ethylbenzene	20.0	20.0	20.2	22.3	
1,2,4-Trimethylbenzene	20.0	20.0	21.0	23.9	
Methyl tert-butyl ether	20.0	20.0	19.9	22.1	
1,3,5-Trimethylbenzene	20.0	20.0	21.0	24.0	
Naphthalene	20.0	20.0	17.9	20.5	
Isopropylbenzene	20.0	20.0	19.8	22.3	
N-Propylbenzene	20.0	20.0	22.4	26.0	*
4-Isopropyltoluene	20.0	20.0	20.5	23.5	
sec-Butylbenzene	20.0	20.0	21.2	24.1	
tert-Butylbenzene	20.0	20.0	19.4	21.9	
Toluene	20.0	20.0	19.8	22.4	
n-Butylbenzene	20.0	20.0	22.6	25.8	*

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300519

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300519/8	Analysis Batch:	460-300519	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B82968.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2254	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	50	U	9.5	50
Ethylbenzene	50	U	15	50
1,2,4-Trimethylbenzene	50	U	12	50
Methyl tert-butyl ether	50	U	6.5	50
Naphthalene	50	U	13	50
1,3,5-Trimethylbenzene	50	U	13	50
Isopropylbenzene	50	U	16	50
N-Propylbenzene	50	U	15	50
4-Isopropyltoluene	50	U	13	50
sec-Butylbenzene	50	U	16	50
Toluene	50	U	13	50
tert-Butylbenzene	50	U	14	50
n-Butylbenzene	50	U	14	50
Xylenes, Total	100	U	14	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	75 - 135
4-Bromofluorobenzene	106	72 - 133
Toluene-d8 (Surr)	106	59 - 150
Dibromofluoromethane (Surr)	106	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300519

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300519/4	Analysis Batch:	460-300519	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B82964.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2118	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300519/5	Analysis Batch:	460-300519	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B82965.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/22/2015 2142	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	108	111	74 - 126	3	30		
Ethylbenzene	98	102	80 - 120	4	30		
1,2,4-Trimethylbenzene	107	104	76 - 129	3	30		
Methyl tert-butyl ether	101	102	68 - 128	1	30		
1,3,5-Trimethylbenzene	98	97	75 - 131	1	30		
Naphthalene	72	77	53 - 150	6	30		
Isopropylbenzene	103	106	78 - 129	3	30		
N-Propylbenzene	103	108	70 - 136	4	30		
4-Isopropyltoluene	100	102	62 - 139	2	30		
sec-Butylbenzene	101	100	64 - 143	1	30		
tert-Butylbenzene	102	105	71 - 134	2	30		
Toluene	108	109	79 - 121	1	30		
n-Butylbenzene	101	100	61 - 145	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	95	75 - 135
4-Bromofluorobenzene	101	98	72 - 133
Toluene-d8 (Surr)	104	105	59 - 150
Dibromofluoromethane (Surr)	104	104	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300519

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300519/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300519/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	50		Dilution:	50
Analysis Date:	05/22/2015 2118		Analysis Date:	05/22/2015 2142
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	1000	1000	1080	1110
Ethylbenzene	1000	1000	982	1020
1,2,4-Trimethylbenzene	1000	1000	1070	1040
Methyl tert-butyl ether	1000	1000	1010	1020
1,3,5-Trimethylbenzene	1000	1000	975	965
Naphthalene	1000	1000	721	768
Isopropylbenzene	1000	1000	1030	1060
N-Propylbenzene	1000	1000	1030	1080
4-Isopropyltoluene	1000	1000	1000	1020
sec-Butylbenzene	1000	1000	1010	1000
tert-Butylbenzene	1000	1000	1020	1050
Toluene	1000	1000	1080	1090
n-Butylbenzene	1000	1000	1010	1000

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300778

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-300778/7	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F27890.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 0921	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 0921				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.090	1.0
Ethylbenzene	1.0	U	0.30	1.0
1,2,4-Trimethylbenzene	1.0	U	0.23	1.0
Methyl tert-butyl ether	1.0	U	0.13	1.0
Naphthalene	1.0	U	0.26	1.0
1,3,5-Trimethylbenzene	1.0	U	0.25	1.0
Isopropylbenzene	1.0	U	0.32	1.0
N-Propylbenzene	1.0	U	0.29	1.0
4-Isopropyltoluene	1.0	U	0.26	1.0
sec-Butylbenzene	1.0	U	0.31	1.0
Toluene	1.0	U	0.25	1.0
tert-Butylbenzene	1.0	U	0.28	1.0
n-Butylbenzene	1.0	U	0.27	1.0
Xylenes, Total	2.0	U	0.28	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 130
4-Bromofluorobenzene	98	64 - 135
Toluene-d8 (Surr)	95	70 - 130
Dibromofluoromethane (Surr)	99	72 - 137

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample - Batch: 460-300778

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-300778/5	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F27888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 0759	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 0759				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	20.0	21.4	107	69 - 125	
Ethylbenzene	20.0	20.4	102	74 - 120	
1,2,4-Trimethylbenzene	20.0	20.1	101	68 - 127	
Methyl tert-butyl ether	20.0	20.0	100	73 - 125	
Naphthalene	20.0	21.0	105	54 - 148	
1,3,5-Trimethylbenzene	20.0	16.1	81	67 - 129	
Isopropylbenzene	20.0	21.9	109	74 - 127	
N-Propylbenzene	20.0	20.6	103	61 - 132	
4-Isopropyltoluene	20.0	16.4	82	65 - 129	
sec-Butylbenzene	20.0	16.1	80	63 - 130	
Toluene	20.0	20.0	100	78 - 120	
tert-Butylbenzene	20.0	15.4	77	66 - 126	
n-Butylbenzene	20.0	22.9	114	60 - 138	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 130
4-Bromofluorobenzene	122	64 - 135
Toluene-d8 (Surr)	122	70 - 130
Dibromofluoromethane (Surr)	123	72 - 137

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300778

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-95226-A-5 MS	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F27899.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1257			Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 1257				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-95226-A-5 MSD	Analysis Batch:	460-300778	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F27900.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1320			Final Weight/Volume:	5 mL
Prep Date:	05/26/2015 1320				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	21	25	69 - 125	0	30	*	*
Ethylbenzene	78	86	74 - 120	1	30		
1,2,4-Trimethylbenzene	96	109	68 - 127	3	30		
Methyl tert-butyl ether	92	86	73 - 125	1	30		
1,3,5-Trimethylbenzene	75	82	67 - 129	4	30		
Naphthalene	104	150	54 - 148	20	30		*
Isopropylbenzene	107	111	74 - 127	2	30		
N-Propylbenzene	108	112	61 - 132	3	30		
4-Isopropyltoluene	77	79	65 - 129	3	30		
sec-Butylbenzene	74	77	63 - 130	3	30		
tert-Butylbenzene	84	86	66 - 126	3	30		
Toluene	-165	-145	78 - 120	1	30	E *	E *
n-Butylbenzene	118	119	60 - 138	1	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	89	70 - 130
4-Bromofluorobenzene	81	82	64 - 135
Toluene-d8 (Surr)	96	98	70 - 130
Dibromofluoromethane (Surr)	87	88	72 - 137

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300778

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-95226-A-5 MS	Units: ug/L	MSD Lab Sample ID:	460-95226-A-5 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	20		Dilution:	20	
Analysis Date:	05/26/2015 1257		Analysis Date:	05/26/2015 1320	
Prep Date:	05/26/2015 1257		Prep Date:	05/26/2015 1320	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	3300	400	400	3420 *	3430 *
Ethylbenzene	2000	400	400	2340	2370
1,2,4-Trimethylbenzene	1400	400	400	1820	1880
Methyl tert-butyl ether	3300	400	400	3690	3660
1,3,5-Trimethylbenzene	350	400	400	655	679
Naphthalene	400	400	400	815	997 *
Isopropylbenzene	510	400	400	939	955
N-Propylbenzene	160	400	400	596	613
4-Isopropyltoluene	44	400	400	350	359
sec-Butylbenzene	49	400	400	345	357
tert-Butylbenzene	20 U	400	400	335	345
Toluene	14000	400	400	12900 E *	13000 E *
n-Butylbenzene	24	400	400	495	499

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300803

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300803/8	Analysis Batch:	460-300803	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83025.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1303	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	50	U	9.5	50
Ethylbenzene	50	U	15	50
1,2,4-Trimethylbenzene	50	U	12	50
Methyl tert-butyl ether	50	U	6.5	50
Naphthalene	50	U	13	50
1,3,5-Trimethylbenzene	50	U	13	50
Isopropylbenzene	50	U	16	50
N-Propylbenzene	50	U	15	50
4-Isopropyltoluene	50	U	13	50
sec-Butylbenzene	50	U	16	50
Toluene	50	U	13	50
tert-Butylbenzene	50	U	14	50
n-Butylbenzene	50	U	14	50
Xylenes, Total	100	U	14	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	75 - 135
4-Bromofluorobenzene	103	72 - 133
Toluene-d8 (Surr)	106	59 - 150
Dibromofluoromethane (Surr)	113	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300803

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300803/4	Analysis Batch:	460-300803	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83021.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1001	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300803/5	Analysis Batch:	460-300803	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83022.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 1025	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	108	110	74 - 126	2	30		
Ethylbenzene	105	100	80 - 120	5	30		
1,2,4-Trimethylbenzene	107	113	76 - 129	5	30		
Methyl tert-butyl ether	103	112	68 - 128	8	30		
1,3,5-Trimethylbenzene	101	106	75 - 131	5	30		
Naphthalene	84	82	53 - 150	3	30		
Isopropylbenzene	109	107	78 - 129	2	30		
N-Propylbenzene	110	114	70 - 136	4	30		
4-Isopropyltoluene	107	108	62 - 139	1	30		
sec-Butylbenzene	108	113	64 - 143	5	30		
tert-Butylbenzene	104	109	71 - 134	5	30		
Toluene	107	106	79 - 121	1	30		
n-Butylbenzene	108	110	61 - 145	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	106	75 - 135
4-Bromofluorobenzene	100	100	72 - 133
Toluene-d8 (Surr)	103	101	59 - 150
Dibromofluoromethane (Surr)	107	112	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300803

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300803/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300803/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	50		Dilution:	50
Analysis Date:	05/26/2015 1001		Analysis Date:	05/26/2015 1025
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	1000	1000	1080	1100
Ethylbenzene	1000	1000	1050	998
1,2,4-Trimethylbenzene	1000	1000	1070	1130
Methyl tert-butyl ether	1000	1000	1030	1120
1,3,5-Trimethylbenzene	1000	1000	1010	1060
Naphthalene	1000	1000	844	822
Isopropylbenzene	1000	1000	1090	1070
N-Propylbenzene	1000	1000	1100	1140
4-Isopropyltoluene	1000	1000	1070	1080
sec-Butylbenzene	1000	1000	1080	1130
tert-Butylbenzene	1000	1000	1040	1090
Toluene	1000	1000	1070	1060
n-Butylbenzene	1000	1000	1080	1100

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300938

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300938/7	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98837.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/26/2015 2341	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Benzene	1.0	U	0.20	1.0
Ethylbenzene	1.0	U	0.18	1.0
1,2,4-Trimethylbenzene	1.0	U	0.34	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Naphthalene	1.0	U	0.12	1.0
1,3,5-Trimethylbenzene	1.0	U	0.13	1.0
Isopropylbenzene	1.0	U	0.17	1.0
N-Propylbenzene	1.0	U	0.18	1.0
4-Isopropyltoluene	1.0	U	0.15	1.0
sec-Butylbenzene	1.0	U	0.17	1.0
Toluene	1.0	U	0.19	1.0
tert-Butylbenzene	1.0	U	0.34	1.0
n-Butylbenzene	1.0	U	0.21	1.0
Xylenes, Total	2.0	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	70 - 130
4-Bromofluorobenzene	108	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Dibromofluoromethane (Surr)	124	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300938

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300938/5	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98835.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/26/2015 2249	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300938/27	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/27/2015 0814	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	91	96	75 - 123	5	30		
Ethylbenzene	93	95	80 - 120	2	30		
1,2,4-Trimethylbenzene	90	88	80 - 122	2	30		
Methyl tert-butyl ether	105	107	75 - 124	2	30		
1,3,5-Trimethylbenzene	91	88	79 - 122	3	30		
Naphthalene	109	111	73 - 121	1	30		
Isopropylbenzene	96	98	80 - 120	2	30		
N-Propylbenzene	95	100	77 - 124	5	30		
4-Isopropyltoluene	91	91	78 - 120	1	30		
sec-Butylbenzene	95	99	78 - 125	4	30		
tert-Butylbenzene	92	95	79 - 122	3	30		
Toluene	93	95	82 - 117	2	30		
n-Butylbenzene	97	96	79 - 125	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	98	70 - 130
4-Bromofluorobenzene	116	104	70 - 130
Toluene-d8 (Surr)	96	86	70 - 130
Dibromofluoromethane (Surr)	104	99	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300938

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300938/5	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300938/27
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	05/26/2015 2249		Analysis Date:	05/27/2015 0814
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	20.0	20.0	18.3	19.3
Ethylbenzene	20.0	20.0	18.6	19.0
1,2,4-Trimethylbenzene	20.0	20.0	17.9	17.6
Methyl tert-butyl ether	20.0	20.0	21.0	21.4
1,3,5-Trimethylbenzene	20.0	20.0	18.2	17.6
Naphthalene	20.0	20.0	21.9	22.1
Isopropylbenzene	20.0	20.0	19.3	19.6
N-Propylbenzene	20.0	20.0	18.9	19.9
4-Isopropyltoluene	20.0	20.0	18.2	18.1
sec-Butylbenzene	20.0	20.0	19.0	19.8
tert-Butylbenzene	20.0	20.0	18.3	19.0
Toluene	20.0	20.0	18.6	19.0
n-Butylbenzene	20.0	20.0	19.4	19.2

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300093

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-300093/1-A	Analysis Batch:	460-300751	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-300093	Lab File ID:	C16518.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/26/2015 1320	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/21/2015 1257			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
Anthracene	10	U	0.85	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Chrysene	2.0	U	1.4	2.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Naphthalene	10	U	2.0	10
Phenanthrene	10	U	1.2	10
Pyrene	10	U	1.1	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	89	60 - 114
Phenol-d5 (Surr)	33	4 - 86
2,4,6-Tribromophenol (Surr)	83	51 - 126
2-Fluorophenol (Surr)	48	15 - 96
Terphenyl-d14 (Surr)	82	72 - 130
2-Fluorobiphenyl	90	50 - 120

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300093

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-300093/2-A	Analysis Batch:	460-300751	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-300093	Lab File ID:	C16524.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/26/2015 1607	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/21/2015 1257			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300093/3-A	Analysis Batch:	460-301331	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-300093	Lab File ID:	C16592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	05/28/2015 1107	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	05/21/2015 1257			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthene	85	97	66 - 108	14	30		
Acenaphthylene	82	93	67 - 107	13	30		
Anthracene	90	96	68 - 108	6	30		
Benzo[a]anthracene	94	97	65 - 106	4	30		
Benzo[b]fluoranthene	106	107	65 - 111	1	30		
Benzo[k]fluoranthene	92	101	66 - 114	10	30		
Chrysene	92	96	68 - 112	4	30		
Benzo[a]pyrene	99	106	58 - 101	8	30		*
Fluoranthene	91	124	68 - 108	30	30		*
Dibenz(a,h)anthracene	100	110	67 - 124	9	30		
Fluorene	82	96	68 - 105	16	30		
Benzo[g,h,i]perylene	100	112	65 - 134	12	30		
Indeno[1,2,3-cd]pyrene	100	112	68 - 121	11	30		
Naphthalene	71	82	63 - 101	15	30		
Phenanthrene	92	99	68 - 110	7	30		
Pyrene	75	64	61 - 110	17	30		

Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits
Nitrobenzene-d5 (Surr)	78		78		60 - 114
2,4,6-Tribromophenol (Surr)	78		88		51 - 126
Phenol-d5 (Surr)	27		22		4 - 86
2-Fluorophenol (Surr)	39		35		15 - 96
2-Fluorobiphenyl	78		76		50 - 120
Terphenyl-d14 (Surr)	69	*	55	*	72 - 130

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300093

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-300093/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-300093/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	05/26/2015 1607		Analysis Date:	05/28/2015 1107	
Prep Date:	05/21/2015 1257		Prep Date:	05/21/2015 1257	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Acenaphthene	80.0	80.0	67.7	77.8	
Acenaphthylene	80.0	80.0	65.4	74.6	
Anthracene	80.0	80.0	72.2	77.0	
Benzo[a]anthracene	80.0	80.0	74.9	77.8	
Benzo[b]fluoranthene	80.0	80.0	84.9	85.4	
Benzo[k]fluoranthene	80.0	80.0	73.2	81.0	
Chrysene	80.0	80.0	73.9	76.8	
Benzo[a]pyrene	80.0	80.0	78.9	85.1	*
Fluoranthene	80.0	80.0	73.0	99.1	*
Dibenz(a,h)anthracene	80.0	80.0	79.9	87.8	
Fluorene	80.0	80.0	65.2	76.5	
Benzo[g,h,i]perylene	80.0	80.0	79.7	89.8	
Indeno[1,2,3-cd]pyrene	80.0	80.0	80.0	89.4	
Naphthalene	80.0	80.0	56.6	65.9	
Phenanthrene	80.0	80.0	73.7	79.3	
Pyrene	80.0	80.0	60.3	51.0	

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300363

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-300363/1-A	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121829.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0263 g
Analysis Date:	05/24/2015 1147	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Anthracene	330	U	31	330
Benzo[a]anthracene	33	U	28	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[k]fluoranthene	33	U	14	33
Chrysene	330	U	9.0	330
Benzo[a]pyrene	33	U	10	33
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Dibenz(a,h)anthracene	33	U	17	33
Indeno[1,2,3-cd]pyrene	33	U	22	33
Benzo[g,h,i]perylene	330	U	19	330
Naphthalene	330	U	8.4	330
Phenanthrene	330	U	8.8	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	87	38 - 105
Phenol-d5 (Surr)	85	41 - 118
2,4,6-Tribromophenol (Surr)	77	10 - 120
2-Fluorophenol (Surr)	82	37 - 125
Terphenyl-d14 (Surr)	106	16 - 151
2-Fluorobiphenyl	76	40 - 109

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample - Batch: 460-300363

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-300363/2-A	Analysis Batch:	460-300737	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0214 g
Analysis Date:	05/26/2015 0933	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2380	72	46 - 100	
Acenaphthylene	3330	2620	79	51 - 103	
Anthracene	3330	2790	84	50 - 107	
Benzo[a]anthracene	3330	2650	80	46 - 112	
Benzo[b]fluoranthene	3330	2990	90	33 - 96	
Benzo[k]fluoranthene	3330	2810	84	35 - 115	
Chrysene	3330	2570	77	45 - 114	
Benzo[a]pyrene	3330	2950	88	36 - 89	
Fluoranthene	3330	2810	84	49 - 108	
Fluorene	3330	2830	85	51 - 108	
Dibenz(a,h)anthracene	3330	2950	89	43 - 107	
Indeno[1,2,3-cd]pyrene	3330	2660	80	43 - 109	
Benzo[g,h,i]perylene	3330	2670	80	43 - 106	
Naphthalene	3330	2610	79	53 - 94	
Phenanthrene	3330	2790	84	48 - 108	
Pyrene	3330	3070	92	49 - 116	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	76	38 - 105
Phenol-d5 (Surr)	78	41 - 118
2,4,6-Tribromophenol (Surr)	86	10 - 120
2-Fluorophenol (Surr)	73	37 - 125
Terphenyl-d14 (Surr)	86	16 - 151
2-Fluorobiphenyl	69	40 - 109

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300363

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95030-E-1-A MS	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121833.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9856 g
Analysis Date:	05/24/2015 1327			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-95030-E-1-B MSD	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121834.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9932 g
Analysis Date:	05/24/2015 1352			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	62	61	46 - 100	1	30		
Acenaphthylene	67	66	51 - 103	1	30		
Anthracene	72	72	50 - 107	0	30		
Benzo[a]anthracene	70	69	46 - 112	1	30		
Benzo[b]fluoranthene	76	75	33 - 96	1	30		
Benzo[k]fluoranthene	69	70	35 - 115	2	30		
Chrysene	67	67	45 - 114	1	30		
Benzo[a]pyrene	76	75	36 - 89	1	30		
Fluoranthene	69	70	49 - 108	2	30		
Dibenz(a,h)anthracene	81	78	43 - 107	4	30		
Fluorene	70	69	51 - 108	1	30		
Benzo[g,h,i]perylene	76	71	43 - 106	6	30		
Indeno[1,2,3-cd]pyrene	74	71	43 - 109	5	30		
Naphthalene	49	48	53 - 94	1	30	*	*
Phenanthrene	72	70	48 - 108	2	30		
Pyrene	77	72	49 - 116	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	65	64	38 - 105
2,4,6-Tribromophenol (Surr)	66	66	10 - 120
Phenol-d5 (Surr)	61	60	41 - 118
2-Fluorophenol (Surr)	60	59	37 - 125
2-Fluorobiphenyl	60	59	40 - 109
Terphenyl-d14 (Surr)	74	69	16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300363

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95030-E-1-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	05/24/2015 1327		
Prep Date:	05/22/2015 1010		
Leach Date:	N/A		

MSD Lab Sample ID:	460-95030-E-1-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	05/24/2015 1352
Prep Date:	05/22/2015 1010
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	440	U	4490	4490	2790		2750	
Acenaphthylene	440	U	4490	4490	3010		2970	
Anthracene	440	U	4490	4490	3230		3230	
Benzo[a]anthracene	100		4490	4490	3240		3210	
Benzo[b]fluoranthene	120		4490	4490	3530		3490	
Benzo[k]fluoranthene	49		4490	4490	3130		3180	
Chrysene	100	J	4490	4490	3130		3120	
Benzo[a]pyrene	51		4490	4490	3440		3420	
Fluoranthene	150	J	4490	4490	3240		3300	
Dibenz(a,h)anthracene	44	U	4490	4490	3650		3500	
Fluorene	24	J	4490	4490	3150		3120	
Benzo[g,h,i]perylene	49	J	4490	4490	3460		3250	
Indeno[1,2,3-cd]pyrene	70		4490	4490	3410		3250	
Naphthalene	1100		4490	4490	3280	*	3240	*
Phenanthrene	110	J	4490	4490	3320		3270	
Pyrene	210	J	4490	4490	3680		3450	

Client: Roux Associates, Inc. Job Number: 460-95181-1

Method Blank - Batch: 460-300368

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-300368/1-A	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-300368	Lab File ID:	x2608.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0266 g
Analysis Date:	05/27/2015 0330	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Anthracene	330	U	31	330
Benzo[a]anthracene	33	U	28	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[k]fluoranthene	33	U	14	33
Chrysene	330	U	9.0	330
Benzo[a]pyrene	33	U	10	33
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Dibenz(a,h)anthracene	33	U	17	33
Indeno[1,2,3-cd]pyrene	33	U	22	33
Benzo[g,h,i]perylene	330	U	19	330
Naphthalene	330	U	8.4	330
Phenanthrene	330	U	8.8	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	82	38 - 105
Phenol-d5 (Surr)	84	41 - 118
2,4,6-Tribromophenol (Surr)	105	10 - 120
2-Fluorophenol (Surr)	80	37 - 125
Terphenyl-d14 (Surr)	101	16 - 151
2-Fluorobiphenyl	78	40 - 109

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Control Sample - Batch: 460-300368

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-300368/2-A	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-300368	Lab File ID:	x2620.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9965 g
Analysis Date:	05/27/2015 0758	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2560	77	46 - 100	
Acenaphthylene	3330	2800	84	51 - 103	
Anthracene	3330	2930	88	50 - 107	
Benzo[a]anthracene	3330	2820	85	46 - 112	
Benzo[b]fluoranthene	3330	3210	96	33 - 96	
Benzo[k]fluoranthene	3330	2760	83	35 - 115	
Chrysene	3330	2840	85	45 - 114	
Benzo[a]pyrene	3330	2970	89	36 - 89	
Fluoranthene	3330	2660	80	49 - 108	
Fluorene	3330	2910	87	51 - 108	
Dibenz(a,h)anthracene	3330	3600	108	43 - 107	*
Indeno[1,2,3-cd]pyrene	3330	3940	118	43 - 109	*
Benzo[g,h,i]perylene	3330	3350	100	43 - 106	
Naphthalene	3330	2650	80	53 - 94	
Phenanthrene	3330	2930	88	48 - 108	
Pyrene	3330	3050	91	49 - 116	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	81	38 - 105
Phenol-d5 (Surr)	82	41 - 118
2,4,6-Tribromophenol (Surr)	86	10 - 120
2-Fluorophenol (Surr)	79	37 - 125
Terphenyl-d14 (Surr)	110	16 - 151
2-Fluorobiphenyl	84	40 - 109

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300368

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95181-4	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-300368	Lab File ID:	x2631.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0326 g
Analysis Date:	05/27/2015 1203			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-95181-4	Analysis Batch:	460-300959	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-300368	Lab File ID:	x2632.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0111 g
Analysis Date:	05/27/2015 1226			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1018			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	52	54	46 - 100	3	30		
Acenaphthylene	56	60	51 - 103	6	30		
Anthracene	58	59	50 - 107	2	30		
Benzo[a]anthracene	58	60	46 - 112	4	30		
Benzo[b]fluoranthene	54	56	33 - 96	4	30		
Benzo[k]fluoranthene	52	52	35 - 115	0	30		
Chrysene	58	58	45 - 114	1	30		
Benzo[a]pyrene	59	60	36 - 89	3	30		
Fluoranthene	50	55	49 - 108	8	30		
Dibenz(a,h)anthracene	94	105	43 - 107	11	30		
Fluorene	58	59	51 - 108	1	30		
Benzo[g,h,i]perylene	95	104	43 - 106	9	30		
Indeno[1,2,3-cd]pyrene	102	108	43 - 109	6	30		
Naphthalene	53	55	53 - 94	5	30		
Phenanthrene	62	64	48 - 108	4	30		
Pyrene	63	58	49 - 116	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	51	55	38 - 105
2,4,6-Tribromophenol (Surr)	38	35	10 - 120
Phenol-d5 (Surr)	52	52	41 - 118
2-Fluorophenol (Surr)	48	49	37 - 125
2-Fluorobiphenyl	59	64	40 - 109
Terphenyl-d14 (Surr)	72	68	16 - 151

Client: Roux Associates, Inc. Job Number: 460-95181-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300368

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95181-4	Units: ug/Kg		MSD Lab Sample ID:	460-95181-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	05/27/2015 1203			Analysis Date:	05/27/2015 1226
Prep Date:	05/22/2015 1018			Prep Date:	05/22/2015 1018
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acenaphthene	18	J	4010	4020	2120	2180
Acenaphthylene	15	J	4010	4020	2280	2420
Anthracene	63	J	4010	4020	2370	2420
Benzo[a]anthracene	240		4010	4020	2550	2670
Benzo[b]fluoranthene	300		4010	4020	2470	2560
Benzo[k]fluoranthene	100		4010	4020	2200	2210
Chrysene	270	J	4010	4020	2590	2600
Benzo[a]pyrene	240		4010	4020	2590	2660
Fluoranthene	430		4010	4020	2440	2640
Dibenz(a,h)anthracene	59		4010	4020	3820	4280
Fluorene	20	J	4010	4020	2350	2380
Benzo[g,h,i]perylene	270	J	4010	4020	4070	4450
Indeno[1,2,3-cd]pyrene	320		4010	4020	4390	4670
Naphthalene	17	J	4010	4020	2140	2250
Phenanthrene	290	J	4010	4020	2760	2860
Pyrene	410		4010	4020	2950	2740

Client: Roux Associates, Inc. Job Number: 460-95181-1

Duplicate - Batch: 460-300118

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-94430-A-12 DU	Analysis Batch:	460-300118	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/21/2015 1428	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	5.7	5.8	2	20	
Percent Solids	94.3	94.2	0.1	20	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-95181-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.
	*	LCS or LCSD is outside acceptance limits.
	*	MS or MSD is outside acceptance limits.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD is outside acceptance limits.
	*	MS or MSD is outside acceptance limits.
	*	Surrogate is outside acceptance limits.

Client: Roux Associates, Inc. Job Number: 460-95181-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-299916					
460-95181-3	SB-5 (19-20)	T	Solid	5035	
460-95181-9	SB-2 (20-22)	T	Solid	5035	
Prep Batch: 460-299917					
LB3 460-299917/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-95181-4	SB-4 (20-23)	T	Solid	5035	
460-95181-5	DUP 051915	T	Solid	5035	
460-95181-6	SB-3 (20-22)	T	Solid	5035	
460-95181-7	SB-6 (15-17)	T	Solid	5035	
460-95181-8	SB-6 (17-19)	T	Solid	5035	
Analysis Batch:460-300508					
LCS 460-300508/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-300508/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300508/8	Method Blank	T	Solid	8260C	
LB3 460-299917/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260C	460-299917
Analysis Batch:460-300519					
LCS 460-300519/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-300519/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300519/8	Method Blank	T	Solid	8260C	
460-95181-9	SB-2 (20-22)	T	Solid	8260C	460-299916
Analysis Batch:460-300778					
LCS 460-300778/5	Lab Control Sample	T	Water	8260C	
MB 460-300778/7	Method Blank	T	Water	8260C	
460-95181-1FB	Field Blank 051915	T	Water	8260C	
460-95181-2TB	Trip Blank	T	Water	8260C	
460-95226-A-5 MS	Matrix Spike	T	Water	8260C	
460-95226-A-5 MSD	Matrix Spike Duplicate	T	Water	8260C	
Analysis Batch:460-300803					
LCS 460-300803/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-300803/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300803/8	Method Blank	T	Solid	8260C	
460-95181-3	SB-5 (19-20)	T	Solid	8260C	460-299916

Client: Roux Associates, Inc. Job Number: 460-95181-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-300938					
LCS 460-300938/5	Lab Control Sample	T	Solid	8260C	
LCSD 460-300938/27	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300938/7	Method Blank	T	Solid	8260C	
460-95181-4	SB-4 (20-23)	T	Solid	8260C	460-299917
460-95181-5	DUP 051915	T	Solid	8260C	460-299917
460-95181-6	SB-3 (20-22)	T	Solid	8260C	460-299917
460-95181-7	SB-6 (15-17)	T	Solid	8260C	460-299917
460-95181-8	SB-6 (17-19)	T	Solid	8260C	460-299917

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-95181-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-300093					
LCS 460-300093/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-300093/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-300093/1-A	Method Blank	T	Water	3510C	
460-95181-1FB	Field Blank 051915	T	Water	3510C	
Prep Batch: 460-300363					
LCS 460-300363/2-A	Lab Control Sample	T	Solid	3546	
MB 460-300363/1-A	Method Blank	T	Solid	3546	
460-95030-E-1-A MS	Matrix Spike	T	Solid	3546	
460-95030-E-1-B MSD	Matrix Spike Duplicate	T	Solid	3546	
460-95181-3	SB-5 (19-20)	T	Solid	3546	
Prep Batch: 460-300368					
LCS 460-300368/2-A	Lab Control Sample	T	Solid	3546	
MB 460-300368/1-A	Method Blank	T	Solid	3546	
460-95181-4	SB-4 (20-23)	T	Solid	3546	
460-95181-4MS	Matrix Spike	T	Solid	3546	
460-95181-4MSD	Matrix Spike Duplicate	T	Solid	3546	
460-95181-5	DUP 051915	T	Solid	3546	
460-95181-6	SB-3 (20-22)	T	Solid	3546	
460-95181-7	SB-6 (15-17)	T	Solid	3546	
460-95181-8	SB-6 (17-19)	T	Solid	3546	
460-95181-9	SB-2 (20-22)	T	Solid	3546	
Analysis Batch:460-300661					
MB 460-300363/1-A	Method Blank	T	Solid	8270D	460-300363
460-95030-E-1-A MS	Matrix Spike	T	Solid	8270D	460-300363
460-95030-E-1-B MSD	Matrix Spike Duplicate	T	Solid	8270D	460-300363
Analysis Batch:460-300737					
LCS 460-300363/2-A	Lab Control Sample	T	Solid	8270D	460-300363
Analysis Batch:460-300751					
LCS 460-300093/2-A	Lab Control Sample	T	Water	8270D	460-300093
MB 460-300093/1-A	Method Blank	T	Water	8270D	460-300093

Client: Roux Associates, Inc. Job Number: 460-95181-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-300959					
LCS 460-300368/2-A	Lab Control Sample	T	Solid	8270D	460-300368
MB 460-300368/1-A	Method Blank	T	Solid	8270D	460-300368
460-95181-4	SB-4 (20-23)	T	Solid	8270D	460-300368
460-95181-4MS	Matrix Spike	T	Solid	8270D	460-300368
460-95181-4MSD	Matrix Spike Duplicate	T	Solid	8270D	460-300368
460-95181-5	DUP 051915	T	Solid	8270D	460-300368
460-95181-6	SB-3 (20-22)	T	Solid	8270D	460-300368
460-95181-7	SB-6 (15-17)	T	Solid	8270D	460-300368
460-95181-8	SB-6 (17-19)	T	Solid	8270D	460-300368
460-95181-9	SB-2 (20-22)	T	Solid	8270D	460-300368
Analysis Batch:460-301157					
460-95181-1FB	Field Blank 051915	T	Water	8270D	460-300093
Analysis Batch:460-301230					
460-95181-3	SB-5 (19-20)	T	Solid	8270D	460-300363
Analysis Batch:460-301331					
LCSD 460-300093/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-300093

Report Basis
T = Total

General Chemistry					
Analysis Batch:460-300118					
460-94430-A-12 DU	Duplicate	T	Solid	Moisture	
460-95181-3	SB-5 (19-20)	T	Solid	Moisture	
460-95181-4	SB-4 (20-23)	T	Solid	Moisture	
460-95181-5	DUP 051915	T	Solid	Moisture	
460-95181-6	SB-3 (20-22)	T	Solid	Moisture	
460-95181-7	SB-6 (15-17)	T	Solid	Moisture	
460-95181-8	SB-6 (17-19)	T	Solid	Moisture	
460-95181-9	SB-2 (20-22)	T	Solid	Moisture	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Chronicle

Lab ID: 460-95181-1 **Client ID: Field Blank 051915**

Sample Date/Time: 05/19/2015 12:45 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-95181-B-1		460-300778		05/26/2015 10:10	1	TAL EDI	CJM
A:8260C	460-95181-B-1		460-300778		05/26/2015 10:10	1	TAL EDI	CJM
P:3510C	460-95181-D-1-A		460-301157	460-300093	05/21/2015 12:57	1	TAL EDI	WAT
A:8270D	460-95181-D-1-A		460-301157	460-300093	05/28/2015 01:03	1	TAL EDI	CAZ

Lab ID: 460-95181-2 **Client ID: Trip Blank**

Sample Date/Time: 05/20/2015 15:15 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-95181-B-2		460-300778		05/26/2015 10:34	1	TAL EDI	CJM
A:8260C	460-95181-B-2		460-300778		05/26/2015 10:34	1	TAL EDI	CJM

Lab ID: 460-95181-3 **Client ID: SB-5 (19-20)**

Sample Date/Time: 05/19/2015 12:50 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-A-3-A		460-300803	460-299916	05/21/2015 01:25	50	TAL EDI	AVM
A:8260C	460-95181-A-3-A		460-300803	460-299916	05/26/2015 15:28	50	TAL EDI	EMM
P:3546	460-95181-E-3-A		460-301230	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95181-E-3-A		460-301230	460-300363	05/27/2015 23:05	1	TAL EDI	CAZ
A:Moisture	460-95181-D-3		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab ID: 460-95181-4 **Client ID: SB-4 (20-23)**

Sample Date/Time: 05/19/2015 12:55 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-B-4-A		460-300938	460-299917	05/21/2015 01:31	1	TAL EDI	AVM
A:8260C	460-95181-B-4-A		460-300938	460-299917	05/27/2015 03:10	1	TAL EDI	KLB
P:3546	460-95181-E-4-C		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-4-C		460-300959	460-300368	05/27/2015 12:48	1	TAL EDI	CAZ
A:Moisture	460-95181-D-4		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab ID: 460-95181-4 MS **Client ID: SB-4 (20-23)**

Sample Date/Time: 05/19/2015 12:55 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-95181-E-4-A MS		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-4-A MS		460-300959	460-300368	05/27/2015 12:03	1	TAL EDI	CAZ

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Chronicle

Lab ID: 460-95181-4 MSD **Client ID: SB-4 (20-23)**

Sample Date/Time: 05/19/2015 12:55 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-95181-E-4-B MSD		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-4-B MSD		460-300959	460-300368	05/27/2015 12:26	1	TAL EDI	CAZ

Lab ID: 460-95181-5 **Client ID: DUP 051915**

Sample Date/Time: 05/19/2015 13:00 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-C-5-A		460-300938	460-299917	05/21/2015 01:31	1	TAL EDI	AVM
A:8260C	460-95181-C-5-A		460-300938	460-299917	05/27/2015 06:33	1	TAL EDI	KLB
P:3546	460-95181-E-5-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-5-A		460-300959	460-300368	05/27/2015 04:36	1	TAL EDI	CAZ
A:Moisture	460-95181-D-5		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab ID: 460-95181-6 **Client ID: SB-3 (20-22)**

Sample Date/Time: 05/19/2015 14:20 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-C-6-A		460-300938	460-299917	05/21/2015 01:32	1	TAL EDI	AVM
A:8260C	460-95181-C-6-A		460-300938	460-299917	05/27/2015 06:08	1	TAL EDI	KLB
P:3546	460-95181-E-6-A		460-300959	460-300368	05/22/2015 10:18	2	TAL EDI	KVR
A:8270D	460-95181-E-6-A		460-300959	460-300368	05/27/2015 13:11	2	TAL EDI	CAZ
A:Moisture	460-95181-D-6		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab ID: 460-95181-7 **Client ID: SB-6 (15-17)**

Sample Date/Time: 05/20/2015 13:00 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-C-7-A		460-300938	460-299917	05/21/2015 01:33	1	TAL EDI	AVM
A:8260C	460-95181-C-7-A		460-300938	460-299917	05/27/2015 05:42	1	TAL EDI	KLB
P:3546	460-95181-E-7-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-7-A		460-300959	460-300368	05/27/2015 04:59	1	TAL EDI	CAZ
A:Moisture	460-95181-D-7		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Chronicle

Lab ID: 460-95181-8 **Client ID: SB-6 (17-19)**

Sample Date/Time: 05/20/2015 13:05 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-C-8-A		460-300938	460-299917	05/21/2015 01:33	1	TAL EDI	AVM
A:8260C	460-95181-C-8-A		460-300938	460-299917	05/27/2015 05:17	1	TAL EDI	KLB
P:3546	460-95181-E-8-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-8-A		460-300959	460-300368	05/27/2015 06:51	1	TAL EDI	CAZ
A:Moisture	460-95181-D-8		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab ID: 460-95181-9 **Client ID: SB-2 (20-22)**

Sample Date/Time: 05/20/2015 15:15 Received Date/Time: 05/20/2015 17:10

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95181-A-9-A		460-300519	460-299916	05/21/2015 01:27	50	TAL EDI	AVM
A:8260C	460-95181-A-9-A		460-300519	460-299916	05/23/2015 03:56	50	TAL EDI	EMM
P:3546	460-95181-E-9-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	460-95181-E-9-A		460-300959	460-300368	05/27/2015 09:27	1	TAL EDI	CAZ
A:Moisture	460-95181-D-9		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

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
A:8260C	MB 460-300508/8		460-300508		05/22/2015 21:29	1	TAL EDI	KLB
A:8260C	MB 460-300519/8		460-300519		05/22/2015 22:54	50	TAL EDI	EMM
P:5030C	MB 460-300778/7		460-300778		05/26/2015 09:21	1	TAL EDI	CJM
A:8260C	MB 460-300778/7		460-300778		05/26/2015 09:21	1	TAL EDI	CJM
A:8260C	MB 460-300803/8		460-300803		05/26/2015 13:03	50	TAL EDI	EMM
A:8260C	MB 460-300938/7		460-300938		05/26/2015 23:41	1	TAL EDI	KLB
P:3546	MB 460-300363/1-A		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	MB 460-300363/1-A		460-300661	460-300363	05/24/2015 11:47	1	TAL EDI	BS1
P:3510C	MB 460-300093/1-A		460-300751	460-300093	05/21/2015 12:57	1	TAL EDI	WAT
A:8270D	MB 460-300093/1-A		460-300751	460-300093	05/26/2015 13:20	1	TAL EDI	CAZ
P:3546	MB 460-300368/1-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	MB 460-300368/1-A		460-300959	460-300368	05/27/2015 03:30	1	TAL EDI	CAZ

Lab ID: LB3 **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:5035	LB3 460-299917/1-A		460-300508	460-299917	05/21/2015 01:29	1	TAL EDI	AVM
A:8260C	LB3 460-299917/1-A		460-300508	460-299917	05/22/2015 23:07	1	TAL EDI	KLB

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260C	LCS 460-300508/4		460-300508		05/22/2015 19:46	1	TAL EDI	KLB
A:8260C	LCS 460-300519/4		460-300519		05/22/2015 21:18	50	TAL EDI	EMM
P:5030C	LCS 460-300778/5		460-300778		05/26/2015 07:59	1	TAL EDI	CJM
A:8260C	LCS 460-300778/5		460-300778		05/26/2015 07:59	1	TAL EDI	CJM
A:8260C	LCS 460-300803/4		460-300803		05/26/2015 10:01	50	TAL EDI	EMM
A:8260C	LCS 460-300938/5		460-300938		05/26/2015 22:49	1	TAL EDI	KLB
P:3546	LCS 460-300363/2-A		460-300737	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	LCS 460-300363/2-A		460-300737	460-300363	05/26/2015 09:33	1	TAL EDI	CAZ
P:3510C	LCS 460-300093/2-A		460-300751	460-300093	05/21/2015 12:57	1	TAL EDI	WAT
A:8270D	LCS 460-300093/2-A		460-300751	460-300093	05/26/2015 16:07	1	TAL EDI	CAZ
P:3546	LCS 460-300368/2-A		460-300959	460-300368	05/22/2015 10:18	1	TAL EDI	KVR
A:8270D	LCS 460-300368/2-A		460-300959	460-300368	05/27/2015 07:58	1	TAL EDI	CAZ

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
A:8260C	LCSD 460-300508/5		460-300508		05/22/2015 20:15	1	TAL EDI	KLB
A:8260C	LCSD 460-300519/5		460-300519		05/22/2015 21:42	50	TAL EDI	EMM
A:8260C	LCSD 460-300803/5		460-300803		05/26/2015 10:25	50	TAL EDI	EMM
A:8260C	LCSD 460-300938/27		460-300938		05/27/2015 08:14	1	TAL EDI	KLB
P:3510C	LCSD 460-300093/3-A		460-301331	460-300093	05/21/2015 12:57	1	TAL EDI	WAT
A:8270D	LCSD 460-300093/3-A		460-301331	460-300093	05/28/2015 11:07	1	TAL EDI	AAS

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

Sample Date/Time: 05/19/2015 14:01 Received Date/Time: 05/21/2015 13:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-95226-A-5 MS		460-300778		05/26/2015 12:57	20	TAL EDI	CJM
A:8260C	460-95226-A-5 MS		460-300778		05/26/2015 12:57	20	TAL EDI	CJM
P:3546	460-95030-E-1-A MS		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95030-E-1-A MS		460-300661	460-300363	05/24/2015 13:27	1	TAL EDI	BS1

Client: Roux Associates, Inc. Job Number: 460-95181-1

Laboratory Chronicle

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

Sample Date/Time: 05/19/2015 14:01 Received Date/Time: 05/21/2015 13:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-95226-A-5 MSD		460-300778		05/26/2015 13:20	20	TAL EDI	CJM
A:8260C	460-95226-A-5 MSD		460-300778		05/26/2015 13:20	20	TAL EDI	CJM
P:3546	460-95030-E-1-B MSD		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95030-E-1-B MSD		460-300661	460-300363	05/24/2015 13:52	1	TAL EDI	BS1

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

Sample Date/Time: 05/05/2015 10:28 Received Date/Time: 05/06/2015 16:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-94430-A-12 DU		460-300118		05/21/2015 14:28	1	TAL EDI	CJA

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-4 (20-23)	460-95181-4	110	104	97	113
DUP 051915	460-95181-5	93	89	109	114
SB-3 (20-22)	460-95181-6	93	89	98	119
SB-6 (15-17)	460-95181-7	116	111	94	110
SB-6 (17-19)	460-95181-8	110	106	95	113
	MB 460-300508/8	105	106	113	98
	MB 460-300938/7	124	123	91	108
	LB3 460-299917/1-A	101	103	109	95
	LCS 460-300508/4	94	98	102	91
	LCS 460-300938/5	104	103	96	116
	LCSD 460-300508/5	98	104	104	93
	LCSD 460-300938/27	99	98	86	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-5 (19-20)	460-95181-3	108	105	104	98
SB-2 (20-22)	460-95181-9	103	117	105	96
	MB 460-300519/8	106	102	106	106
	MB 460-300803/8	113	104	106	103
	LCS 460-300519/4	104	98	104	101
	LCS 460-300803/4	107	96	103	100
	LCSD 460-300519/5	104	95	105	98
	LCSD 460-300803/5	112	106	101	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = 4-Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Field Blank 051915	460-95181-1	118	109	115	121
Trip Blank	460-95181-2	88	84	86	89
	MB 460-300778/7	99	93	95	98
	LCS 460-300778/5	123	117	122	122
	460-95226-A-5 MS	87	88	96	81
	460-95226-A-5 MSD	88	89	98	82

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-137
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10459.D

Lab ID: LCS 460-300508/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	22.0	110	75-123	
Ethylbenzene	20.0	20.2	101	80-120	
1,2,4-Trimethylbenzene	20.0	21.0	105	80-122	
Methyl tert-butyl ether	20.0	19.9	99	75-124	
1,3,5-Trimethylbenzene	20.0	21.0	105	79-122	
Naphthalene	20.0	17.9	89	73-121	
Isopropylbenzene	20.0	19.8	99	80-120	
N-Propylbenzene	20.0	22.4	112	77-124	
4-Isopropyltoluene	20.0	20.5	103	78-120	
sec-Butylbenzene	20.0	21.2	106	78-125	
tert-Butylbenzene	20.0	19.4	97	79-122	
Toluene	20.0	19.8	99	82-117	
n-Butylbenzene	20.0	22.6	113	79-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B82964.D

Lab ID: LCS 460-300519/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	1000	1080	108	74-126	
Ethylbenzene	1000	982	98	80-120	
1,2,4-Trimethylbenzene	1000	1070	107	76-129	
Methyl tert-butyl ether	1000	1010	101	68-128	
1,3,5-Trimethylbenzene	1000	975	98	75-131	
Naphthalene	1000	721	72	53-150	
Isopropylbenzene	1000	1030	103	78-129	
N-Propylbenzene	1000	1030	103	70-136	
4-Isopropyltoluene	1000	1000	100	62-139	
sec-Butylbenzene	1000	1010	101	64-143	
tert-Butylbenzene	1000	1020	102	71-134	
Toluene	1000	1080	108	79-121	
n-Butylbenzene	1000	1010	101	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F27888.D

Lab ID: LCS 460-300778/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	21.4	107	69-125	
Ethylbenzene	20.0	20.4	102	74-120	
1,2,4-Trimethylbenzene	20.0	20.1	101	68-127	
Methyl tert-butyl ether	20.0	20.0	100	73-125	
1,3,5-Trimethylbenzene	20.0	16.1	81	67-129	
Naphthalene	20.0	21.0	105	54-148	
Isopropylbenzene	20.0	21.9	109	74-127	
N-Propylbenzene	20.0	20.6	103	61-132	
4-Isopropyltoluene	20.0	16.4	82	65-129	
sec-Butylbenzene	20.0	16.1	80	63-130	
tert-Butylbenzene	20.0	15.4	77	66-126	
Toluene	20.0	20.0	100	78-120	
n-Butylbenzene	20.0	22.9	114	60-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B83021.D

Lab ID: LCS 460-300803/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	1000	1080	108	74-126	
Ethylbenzene	1000	1050	105	80-120	
1,2,4-Trimethylbenzene	1000	1070	107	76-129	
Methyl tert-butyl ether	1000	1030	103	68-128	
1,3,5-Trimethylbenzene	1000	1010	101	75-131	
Naphthalene	1000	844	84	53-150	
Isopropylbenzene	1000	1090	109	78-129	
N-Propylbenzene	1000	1100	110	70-136	
4-Isopropyltoluene	1000	1070	107	62-139	
sec-Butylbenzene	1000	1080	108	64-143	
tert-Butylbenzene	1000	1040	104	71-134	
Toluene	1000	1070	107	79-121	
n-Butylbenzene	1000	1080	108	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O98835.D

Lab ID: LCS 460-300938/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	18.3	91	75-123	
Ethylbenzene	20.0	18.6	93	80-120	
1,2,4-Trimethylbenzene	20.0	17.9	90	80-122	
Methyl tert-butyl ether	20.0	21.0	105	75-124	
1,3,5-Trimethylbenzene	20.0	18.2	91	79-122	
Naphthalene	20.0	21.9	109	73-121	
Isopropylbenzene	20.0	19.3	96	80-120	
N-Propylbenzene	20.0	18.9	95	77-124	
4-Isopropyltoluene	20.0	18.2	91	78-120	
sec-Butylbenzene	20.0	19.0	95	78-125	
tert-Butylbenzene	20.0	18.3	92	79-122	
Toluene	20.0	18.6	93	82-117	
n-Butylbenzene	20.0	19.4	97	79-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D10460.D

Lab ID: LCSD 460-300508/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	20.0	24.5	123	11	30	75-123	
Ethylbenzene	20.0	22.3	111	10	30	80-120	
1,2,4-Trimethylbenzene	20.0	23.9	119	13	30	80-122	
Methyl tert-butyl ether	20.0	22.1	110	10	30	75-124	
1,3,5-Trimethylbenzene	20.0	24.0	120	13	30	79-122	
Naphthalene	20.0	20.5	103	14	30	73-121	
Isopropylbenzene	20.0	22.3	112	12	30	80-120	
N-Propylbenzene	20.0	26.0	130	15	30	77-124	*
4-Isopropyltoluene	20.0	23.5	117	13	30	78-120	
sec-Butylbenzene	20.0	24.1	121	13	30	78-125	
tert-Butylbenzene	20.0	21.9	109	12	30	79-122	
Toluene	20.0	22.4	112	12	30	82-117	
n-Butylbenzene	20.0	25.8	129	13	30	79-125	*

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B82965.D

Lab ID: LCSD 460-300519/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	1000	1110	111	3	30	74-126	
Ethylbenzene	1000	1020	102	4	30	80-120	
1,2,4-Trimethylbenzene	1000	1040	104	3	30	76-129	
Methyl tert-butyl ether	1000	1020	102	1	30	68-128	
1,3,5-Trimethylbenzene	1000	965	97	1	30	75-131	
Naphthalene	1000	768	77	6	30	53-150	
Isopropylbenzene	1000	1060	106	3	30	78-129	
N-Propylbenzene	1000	1080	108	4	30	70-136	
4-Isopropyltoluene	1000	1020	102	2	30	62-139	
sec-Butylbenzene	1000	1000	100	1	30	64-143	
tert-Butylbenzene	1000	1050	105	2	30	71-134	
Toluene	1000	1090	109	1	30	79-121	
n-Butylbenzene	1000	1000	100	1	30	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B83022.D

Lab ID: LCSD 460-300803/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	1000	1100	110	2	30	74-126	
Ethylbenzene	1000	998	100	5	30	80-120	
1,2,4-Trimethylbenzene	1000	1130	113	5	30	76-129	
Methyl tert-butyl ether	1000	1120	112	8	30	68-128	
1,3,5-Trimethylbenzene	1000	1060	106	5	30	75-131	
Naphthalene	1000	822	82	3	30	53-150	
Isopropylbenzene	1000	1070	107	2	30	78-129	
N-Propylbenzene	1000	1140	114	4	30	70-136	
4-Isopropyltoluene	1000	1080	108	1	30	62-139	
sec-Butylbenzene	1000	1130	113	5	30	64-143	
tert-Butylbenzene	1000	1090	109	5	30	71-134	
Toluene	1000	1060	106	1	30	79-121	
n-Butylbenzene	1000	1100	110	1	30	61-145	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O98857.D

Lab ID: LCSD 460-300938/27 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	20.0	19.3	96	5	30	75-123	
Ethylbenzene	20.0	19.0	95	2	30	80-120	
1,2,4-Trimethylbenzene	20.0	17.6	88	2	30	80-122	
Methyl tert-butyl ether	20.0	21.4	107	2	30	75-124	
1,3,5-Trimethylbenzene	20.0	17.6	88	3	30	79-122	
Naphthalene	20.0	22.1	111	1	30	73-121	
Isopropylbenzene	20.0	19.6	98	2	30	80-120	
N-Propylbenzene	20.0	19.9	100	5	30	77-124	
4-Isopropyltoluene	20.0	18.1	91	1	30	78-120	
sec-Butylbenzene	20.0	19.8	99	4	30	78-125	
tert-Butylbenzene	20.0	19.0	95	3	30	79-122	
Toluene	20.0	19.0	95	2	30	82-117	
n-Butylbenzene	20.0	19.2	96	1	30	79-125	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F27899.D

Lab ID: 460-95226-A-5 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Benzene	400	3300	3420	21	69-125	*
Ethylbenzene	400	2000	2340	78	74-120	
1,2,4-Trimethylbenzene	400	1400	1820	96	68-127	
Methyl tert-butyl ether	400	3300	3690	92	73-125	
1,3,5-Trimethylbenzene	400	350	655	75	67-129	
Naphthalene	400	400	815	104	54-148	
Isopropylbenzene	400	510	939	107	74-127	
N-Propylbenzene	400	160	596	108	61-132	
4-Isopropyltoluene	400	44	350	77	65-129	
sec-Butylbenzene	400	49	345	74	63-130	
tert-Butylbenzene	400	20 U	335	84	66-126	
Toluene	400	14000	12900	-165	78-120	E *
n-Butylbenzene	400	24	495	118	60-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low Lab File ID: F27900.D

Lab ID: 460-95226-A-5 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	400	3430	25	0	30	69-125	*
Ethylbenzene	400	2370	86	1	30	74-120	
1,2,4-Trimethylbenzene	400	1880	109	3	30	68-127	
Methyl tert-butyl ether	400	3660	86	1	30	73-125	
1,3,5-Trimethylbenzene	400	679	82	4	30	67-129	
Naphthalene	400	997	150	20	30	54-148	*
Isopropylbenzene	400	955	111	2	30	74-127	
N-Propylbenzene	400	613	112	3	30	61-132	
4-Isopropyltoluene	400	359	79	3	30	65-129	
sec-Butylbenzene	400	357	77	3	30	63-130	
tert-Butylbenzene	400	345	86	3	30	66-126	
Toluene	400	13000	-145	1	30	78-120	E *
n-Butylbenzene	400	499	119	1	30	60-138	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: O98837.D Lab Sample ID: MB 460-300938/7

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

Instrument ID: CVOAMS12 Date Analyzed: 05/26/2015 23:41

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300938/5	O98835.D	05/26/2015 22:49
SB-4 (20-23)	460-95181-4	O98845.D	05/27/2015 03:10
SB-6 (17-19)	460-95181-8	O98850.D	05/27/2015 05:17
SB-6 (15-17)	460-95181-7	O98851.D	05/27/2015 05:42
SB-3 (20-22)	460-95181-6	O98852.D	05/27/2015 06:08
DUP 051915	460-95181-5	O98853.D	05/27/2015 06:33
	LCSD 460-300938/27	O98857.D	05/27/2015 08:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: B82968.D Lab Sample ID: MB 460-300519/8

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

Instrument ID: CVOAMS2 Date Analyzed: 05/22/2015 22:54

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300519/4	B82964.D	05/22/2015 21:18
	LCSD 460-300519/5	B82965.D	05/22/2015 21:42
SB-2 (20-22)	460-95181-9	B82980.D	05/23/2015 03:56

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: B83025.D Lab Sample ID: MB 460-300803/8

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

Instrument ID: CVOAMS2 Date Analyzed: 05/26/2015 13:03

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300803/4	B83021.D	05/26/2015 10:01
	LCSD 460-300803/5	B83022.D	05/26/2015 10:25
SB-5 (19-20)	460-95181-3	B83031.D	05/26/2015 15:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: D10463.D Lab Sample ID: MB 460-300508/8

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

Instrument ID: CVOAMS4 Date Analyzed: 05/22/2015 21:29

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300508/4	D10459.D	05/22/2015 19:46
	LCSD 460-300508/5	D10460.D	05/22/2015 20:15
	LB3 460-299917/1-A	D10467.D	05/22/2015 23:07

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: F27890.D Lab Sample ID: MB 460-300778/7

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

Instrument ID: CVOAMS6 Date Analyzed: 05/26/2015 09:21

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300778/5	F27888.D	05/26/2015 07:59
Field Blank 051915	460-95181-1	F27892.D	05/26/2015 10:10
Trip Blank	460-95181-2	F27893.D	05/26/2015 10:34
	460-95226-A-5 MS	F27899.D	05/26/2015 12:57
	460-95226-A-5 MSD	F27900.D	05/26/2015 13:20

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: O98723.D BFB Injection Date: 05/22/2015

Instrument ID: CVOAMS12 BFB Injection Time: 05:27

Analysis Batch No.: 300261

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	45.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.7	
175	5.0 - 9.0 % of mass 174	6.8	(7.3)1
176	95.0 - 101.0 % of mass 174	92.2	(99.5)1
177	5.0 - 9.0 % of mass 176	5.8	(6.2)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-300261/3	O98725.D	05/22/2015	06:22
	STD20 460-300261/5	O98727.D	05/22/2015	07:12
	STD50 460-300261/6	O98728.D	05/22/2015	07:38
	STD200 460-300261/7	O98729.D	05/22/2015	08:03
	STD500 460-300261/8	O98730.D	05/22/2015	08:29
	STD5 460-300261/13	O98735.D	05/22/2015	11:50

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: O98831.D BFB Injection Date: 05/26/2015

Instrument ID: CVOAMS12 BFB Injection Time: 20:52

Analysis Batch No.: 300938

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.3	
175	5.0 - 9.0 % of mass 174	7.1	(7.7)1
176	95.0 - 101.0 % of mass 174	88.9	(96.4)1
177	5.0 - 9.0 % of mass 176	5.8	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300938/3	O98833.D	05/26/2015	21:45
	LCS 460-300938/5	O98835.D	05/26/2015	22:49
	MB 460-300938/7	O98837.D	05/26/2015	23:41
SB-4 (20-23)	460-95181-4	O98845.D	05/27/2015	03:10
SB-6 (17-19)	460-95181-8	O98850.D	05/27/2015	05:17
SB-6 (15-17)	460-95181-7	O98851.D	05/27/2015	05:42
SB-3 (20-22)	460-95181-6	O98852.D	05/27/2015	06:08
DUP 051915	460-95181-5	O98853.D	05/27/2015	06:33
	LCSD 460-300938/27	O98857.D	05/27/2015	08:14

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: B82657.D BFB Injection Date: 05/15/2015

Instrument ID: CVOAMS2 BFB Injection Time: 01:08

Analysis Batch No.: 298733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	76.2	
175	5.0 - 9.0 % of mass 174	5.3	(7.0)1
176	95.0 - 101.0 % of mass 174	74.1	(97.2)1
177	5.0 - 9.0 % of mass 176	4.2	(5.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-298733/4	B82660.D	05/15/2015	02:28
	STD20 460-298733/5	B82661.D	05/15/2015	02:52
	STD50 460-298733/6	B82662.D	05/15/2015	03:15
	STD200 460-298733/7	B82663.D	05/15/2015	03:39
	STD500 460-298733/8	B82664.D	05/15/2015	04:03
	STD7 460-298733/11	B82667.D	05/15/2015	05:15
	STD1 460-298733/16	B82672.D	05/15/2015	07:25

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: B82961.D BFB Injection Date: 05/22/2015

Instrument ID: CVOAMS2 BFB Injection Time: 20:03

Analysis Batch No.: 300519

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
75	30.0 - 60.0 % of mass 95	52.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.4	
173	Less than 2.0 % of mass 174	0.9	(1.1)1
174	50.0 - 120.00 % of mass 95	81.7	
175	5.0 - 9.0 % of mass 174	6.3	(7.7)1
176	95.0 - 101.0 % of mass 174	80.3	(98.3)1
177	5.0 - 9.0 % of mass 176	4.4	(5.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300519/3	B82963.D	05/22/2015	20:54
	LCS 460-300519/4	B82964.D	05/22/2015	21:18
	LCSD 460-300519/5	B82965.D	05/22/2015	21:42
	MB 460-300519/8	B82968.D	05/22/2015	22:54
SB-2 (20-22)	460-95181-9	B82980.D	05/23/2015	03:56

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: B83018.D BFB Injection Date: 05/26/2015

Instrument ID: CVOAMS2 BFB Injection Time: 08:45

Analysis Batch No.: 300803

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.4	
75	30.0 - 60.0 % of mass 95	51.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.8	(1.0)1
174	50.0 - 120.00 % of mass 95	80.4	
175	5.0 - 9.0 % of mass 174	6.3	(7.8)1
176	95.0 - 101.0 % of mass 174	77.5	(96.4)1
177	5.0 - 9.0 % of mass 176	5.8	(7.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300803/3	B83020.D	05/26/2015	09:38
	LCS 460-300803/4	B83021.D	05/26/2015	10:01
	LCSD 460-300803/5	B83022.D	05/26/2015	10:25
	MB 460-300803/8	B83025.D	05/26/2015	13:03
SB-5 (19-20)	460-95181-3	B83031.D	05/26/2015	15:28

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: D10117.D BFB Injection Date: 05/14/2015

Instrument ID: CVOAMS4 BFB Injection Time: 21:42

Analysis Batch No.: 298728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.3	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	72.6	
175	5.0 - 9.0 % of mass 174	5.4	(7.5)1
176	95.0 - 101.0 % of mass 174	70.3	(96.7)1
177	5.0 - 9.0 % of mass 176	4.8	(6.8)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-298728/3	D10119.D	05/14/2015	22:26
	STD5 460-298728/4	D10120.D	05/14/2015	22:51
	STD20 460-298728/5	D10121.D	05/14/2015	23:16
	STD50 460-298728/6	D10122.D	05/14/2015	23:41
	STD200 460-298728/7	D10123.D	05/15/2015	00:06
	STD500 460-298728/8	D10124.D	05/15/2015	00:30

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: D10456.D BFB Injection Date: 05/22/2015

Instrument ID: CVOAMS4 BFB Injection Time: 18:26

Analysis Batch No.: 300508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.8	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.4	(0.6)1
174	50.0 - 120.00 % of mass 95	64.4	
175	5.0 - 9.0 % of mass 174	4.8	(7.4)1
176	95.0 - 101.0 % of mass 174	63.0	(97.8)1
177	5.0 - 9.0 % of mass 176	4.4	(7.0)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300508/3	D10458.D	05/22/2015	19:21
	LCS 460-300508/4	D10459.D	05/22/2015	19:46
	LCSD 460-300508/5	D10460.D	05/22/2015	20:15
	MB 460-300508/8	D10463.D	05/22/2015	21:29
	LB3 460-299917/1-A	D10467.D	05/22/2015	23:07

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: F26749.D BFB Injection Date: 04/26/2015

Instrument ID: CVOAMS6 BFB Injection Time: 22:13

Analysis Batch No.: 294770

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	117.5	
175	5.0 - 9.0 % of mass 174	9.3	(7.9)1
176	95.0 - 101.0 % of mass 174	113.8	(96.8)1
177	5.0 - 9.0 % of mass 176	7.6	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-294770/4	F26751.D	04/26/2015	23:07
	STD5 460-294770/5	F26752.D	04/26/2015	23:31
	STD20 460-294770/6	F26753.D	04/26/2015	23:54
	STD50 460-294770/7	F26754.D	04/27/2015	00:18
	STD200 460-294770/8	F26755.D	04/27/2015	00:41
	STD500 460-294770/9	F26756.D	04/27/2015	01:05
	STD7 460-294770/12	F26759.D	04/27/2015	02:16

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: F27868.D BFB Injection Date: 05/24/2015

Instrument ID: CVOAMS6 BFB Injection Time: 09:59

Analysis Batch No.: 300669

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	44.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	103.2	
175	5.0 - 9.0 % of mass 174	8.5	(8.2)1
176	95.0 - 101.0 % of mass 174	100.1	(97.0)1
177	5.0 - 9.0 % of mass 176	6.3	(6.3)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD001 460-300669/5	F27872.D	05/24/2015	11:34
	STD005 460-300669/6	F27873.D	05/24/2015	11:58
	STD020 460-300669/7	F27874.D	05/24/2015	12:22
	STD050 460-300669/8	F27875.D	05/24/2015	12:45
	STD200 460-300669/9	F27876.D	05/24/2015	13:09
	STD500 460-300669/10	F27877.D	05/24/2015	13:32
	STD7 460-300669/13	F27880.D	05/24/2015	14:43

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: F27884.D BFB Injection Date: 05/26/2015

Instrument ID: CVOAMS6 BFB Injection Time: 06:19

Analysis Batch No.: 300778

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	114.0	
175	5.0 - 9.0 % of mass 174	9.1	(8.0)1
176	95.0 - 101.0 % of mass 174	113.4	(99.5)1
177	5.0 - 9.0 % of mass 176	7.6	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300778/4	F27887.D	05/26/2015	07:30
	LCS 460-300778/5	F27888.D	05/26/2015	07:59
	MB 460-300778/7	F27890.D	05/26/2015	09:21
Field Blank 051915	460-95181-1	F27892.D	05/26/2015	10:10
Trip Blank	460-95181-2	F27893.D	05/26/2015	10:34
	460-95226-A-5 MS	F27899.D	05/26/2015	12:57
	460-95226-A-5 MSD	F27900.D	05/26/2015	13:20

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300938/3 Date Analyzed: 05/26/2015 21:45

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O98833.D Heated Purge: (Y/N) Y

Calibration ID: 50076

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		222208	2.23	149668	3.11	429028	4.19
UPPER LIMIT		444416	2.73	299336	3.61	858056	4.69
LOWER LIMIT		111104	1.73	74834	2.61	214514	3.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300938/5		215236	2.22	144408	3.12	387003	4.19
MB 460-300938/7		198316	2.22	123206	3.11	294158	4.19
460-95181-4	SB-4 (20-23)	162163	2.22	110661	3.11	344518	4.19
460-95181-8	SB-6 (17-19)	145307	2.22	94538	3.11	301141	4.19
460-95181-7	SB-6 (15-17)	152221	2.22	99723	3.11	288977	4.19
460-95181-6	SB-3 (20-22)	148988	2.22	110801	3.11	395417	4.19
460-95181-5	DUP 051915	154478	2.21	112254	3.11	397428	4.19
LCSD 460-300938/27		202678	2.22	135690	3.11	341035	4.19

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300938/3 Date Analyzed: 05/26/2015 21:45

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O98833.D Heated Purge: (Y/N) Y

Calibration ID: 50076

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22482	4.92	360850	7.92	202795	11.59
UPPER LIMIT		44964	5.42	721700	8.42	405590	12.09
LOWER LIMIT		11241	4.42	180425	7.42	101398	11.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300938/5		20996	4.92	373390	7.92	209047	11.59
MB 460-300938/7		20132	4.92	355032	7.92	197565	11.59
460-95181-4	SB-4 (20-23)	15949	4.92	365992	7.92	206606	11.59
460-95181-8	SB-6 (17-19)	14989	4.91	332406	7.92	185208	11.59
460-95181-7	SB-6 (15-17)	14881	4.91	345257	7.92	189086	11.59
460-95181-6	SB-3 (20-22)	12189	4.92	356591	7.92	199005	11.59
460-95181-5	DUP 051915	19611	4.91	390673	7.93	254686	11.60
LCSD 460-300938/27		20862	4.92	336945	7.92	187695	11.59

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300519/3 Date Analyzed: 05/22/2015 20:54

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B82963.D Heated Purge: (Y/N) N

Calibration ID: 49964

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		369159	2.66	293122	3.75	604375	4.97
UPPER LIMIT		738318	3.16	586244	4.25	1208750	5.47
LOWER LIMIT		184580	2.16	146561	3.25	302188	4.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300519/4		372428	2.66	279218	3.76	612135	4.98
LCSD 460-300519/5		383444	2.66	288361	3.75	613124	4.97
MB 460-300519/8		361084	2.65	249062	3.75	545606	4.96
460-95181-9	SB-2 (20-22)	342244	2.67	287766	3.75	570599	4.97

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300519/3 Date Analyzed: 05/22/2015 20:54

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B82963.D Heated Purge: (Y/N) N

Calibration ID: 49964

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		29739	5.83	534276	8.57	296305	10.65
UPPER LIMIT		59478	6.33	1068552	9.07	592610	11.15
LOWER LIMIT		14870	5.33	267138	8.07	148153	10.15
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300519/4		32448	5.83	552712	8.57	309184	10.65
LCSD 460-300519/5		34197	5.82	553185	8.57	313212	10.64
MB 460-300519/8		30910	5.83	489711	8.57	278183	10.64
460-95181-9	SB-2 (20-22)	25444	5.82	518633	8.56	285203	10.64

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300803/3 Date Analyzed: 05/26/2015 09:38

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B83020.D Heated Purge: (Y/N) N

Calibration ID: 49964

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		368055	2.66	278699	3.75	595676	4.96
UPPER LIMIT		736110	3.16	557398	4.25	1191352	5.46
LOWER LIMIT		184028	2.16	139350	3.25	297838	4.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300803/4		378835	2.66	265301	3.74	590355	4.96
LCSD 460-300803/5		364577	2.65	271353	3.75	572673	4.96
MB 460-300803/8		353780	2.65	243104	3.74	541827	4.96
460-95181-3	SB-5 (19-20)	406275	2.67	291290	3.75	594506	4.96

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300803/3 Date Analyzed: 05/26/2015 09:38

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B83020.D Heated Purge: (Y/N) N

Calibration ID: 49964

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		38012	5.80	538595	8.57	311891	10.64
UPPER LIMIT		76024	6.30	1077190	9.07	623782	11.14
LOWER LIMIT		19006	5.30	269298	8.07	155946	10.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300803/4		34863	5.81	536110	8.57	296765	10.64
LCSD 460-300803/5		36281	5.81	545024	8.57	294632	10.64
MB 460-300803/8		35777	5.81	513298	8.57	294788	10.64
460-95181-3	SB-5 (19-20)	39616	5.82	536148	8.57	299783	10.64

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300508/3 Date Analyzed: 05/22/2015 19:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D10458.D Heated Purge: (Y/N) Y

Calibration ID: 49955

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		317747	3.65	218711	4.94	435819	6.27
UPPER LIMIT		635494	4.15	437422	5.44	871638	6.77
LOWER LIMIT		158874	3.15	109356	4.44	217910	5.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300508/4		327069	3.65	222796	4.94	443122	6.27
LCSD 460-300508/5		336930	3.65	228419	4.93	429591	6.27
MB 460-300508/8		278152	3.65	192623	4.94	414759	6.27
LB3 460-299917/1-A		273893	3.65	189311	4.94	442982	6.27

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300508/3 Date Analyzed: 05/22/2015 19:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D10458.D Heated Purge: (Y/N) Y

Calibration ID: 49955

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		25362	7.11	353810	9.31	175911	11.08
UPPER LIMIT		50724	7.61	707620	9.81	351822	11.58
LOWER LIMIT		12681	6.61	176905	8.81	87956	10.58
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300508/4		25586	7.11	367592	9.31	180564	11.08
LCSD 460-300508/5		25293	7.11	357133	9.31	173730	11.08
MB 460-300508/8		23216	7.11	328480	9.31	165593	11.08
LB3 460-299917/1-A		21305	7.11	364712	9.31	184766	11.08

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300778/4 Date Analyzed: 05/26/2015 07:30

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F27887.D Heated Purge: (Y/N) N

Calibration ID: 50096

		TBA		FB		DXE	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		52729	1.99	323097	3.55	16123	4.14
UPPER LIMIT		105458	2.49	646194	4.05	32246	4.64
LOWER LIMIT		26365	1.49	161549	3.05	8062	3.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300778/5		54180	1.99	328652	3.55	16148	4.14
MB 460-300778/7		51946	1.98	341035	3.55	16252	4.15
460-95181-1	Field Blank 051915	45710	1.98	325522	3.55	14102	4.14
460-95181-2	Trip Blank	48101	1.98	343149	3.55	14935	4.14
460-95226-A-5 MS		54638	1.99	349703	3.55	12970	4.13
460-95226-A-5 MSD		48750	1.99	354035	3.55	12116	4.14

TBA = TBA-d9 (IS)
FB = Fluorobenzene
DXE = 1,4-Dioxane-d8

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300778/4 Date Analyzed: 05/26/2015 07:30

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): F27887.D Heated Purge: (Y/N) N

Calibration ID: 50096

		CBZ		DCB			
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		255935	6.55	212053	10.44		
UPPER LIMIT		511870	7.05	424106	10.94		
LOWER LIMIT		127968	6.05	106027	9.94		
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300778/5		265780	6.54	217586	10.45		
MB 460-300778/7		260903	6.55	206982	10.45		
460-95181-1	Field Blank 051915	246576	6.54	198017	10.45		
460-95181-2	Trip Blank	262780	6.54	206975	10.45		
460-95226-A-5 MS		278572	6.54	206933	10.45		
460-95226-A-5 MSD		281327	6.54	205767	10.44		

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

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: Field Blank 051915 | Lab Sample ID: 460-95181-1

Matrix: Water | Lab File ID: F27892.D

Analysis Method: 8260C | Date Collected: 05/19/2015 12:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 10:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.12	J	1.0	0.090
108-88-3	Toluene	0.42	J	1.0	0.25
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
1330-20-7	Xylenes, Total	0.45	J	2.0	0.28
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
91-20-3	Naphthalene	1.0	U	1.0	0.26
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.23
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.25
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.29
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.26
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.31
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.28
104-51-8	n-Butylbenzene	1.0	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	115		70-130
460-00-4	4-Bromofluorobenzene	121		64-135
1868-53-7	Dibromofluoromethane (Surr)	118		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27892.D				
Lims ID:	460-95181-B-1	Lab Sample ID:	460-95181-1		
Client ID:	Field Blank 051915				
Sample Type:	Client				
Inject. Date:	26-May-2015 10:10:30	ALS Bottle#:	2	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-95181-B-1				
Misc. Info.:	460-0027791-009				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-May-2015 11:51:41	Calib Date:	24-May-2015 14:43:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK014				
First Level Reviewer: moroneyc		Date:	26-May-2015 11:52:06		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	46	1.980	1.986	-0.006	95	45710	1000.0	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	93944	58.9	
55 Benzene	78	3.325	3.325	0.000	88	547	0.1210	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	96	85829	54.7	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	325522	50.0	
* 68 1,4-Dioxane-d8	96	4.140	4.140	0.000	96	14102	1000.0	
$ 79 Toluene-d8 (Surr)	98	4.943	4.943	0.000	100	226875	57.7	
80 Toluene	91	5.016	5.010	0.006	93	1884	0.4198	
* 90 Chlorobenzene-d5	117	6.543	6.549	-0.006	83	246576	50.0	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	96	1091	0.4537	
$ 101 4-Bromofluorobenzene	174	8.131	8.125	0.006	96	124522	60.3	
* 118 1,4-Dichlorobenzene-d4	152	10.449	10.442	0.007	92	198017	50.0	
S 134 Xylenes, Total	100				0		0.4537	

Reagents:

8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

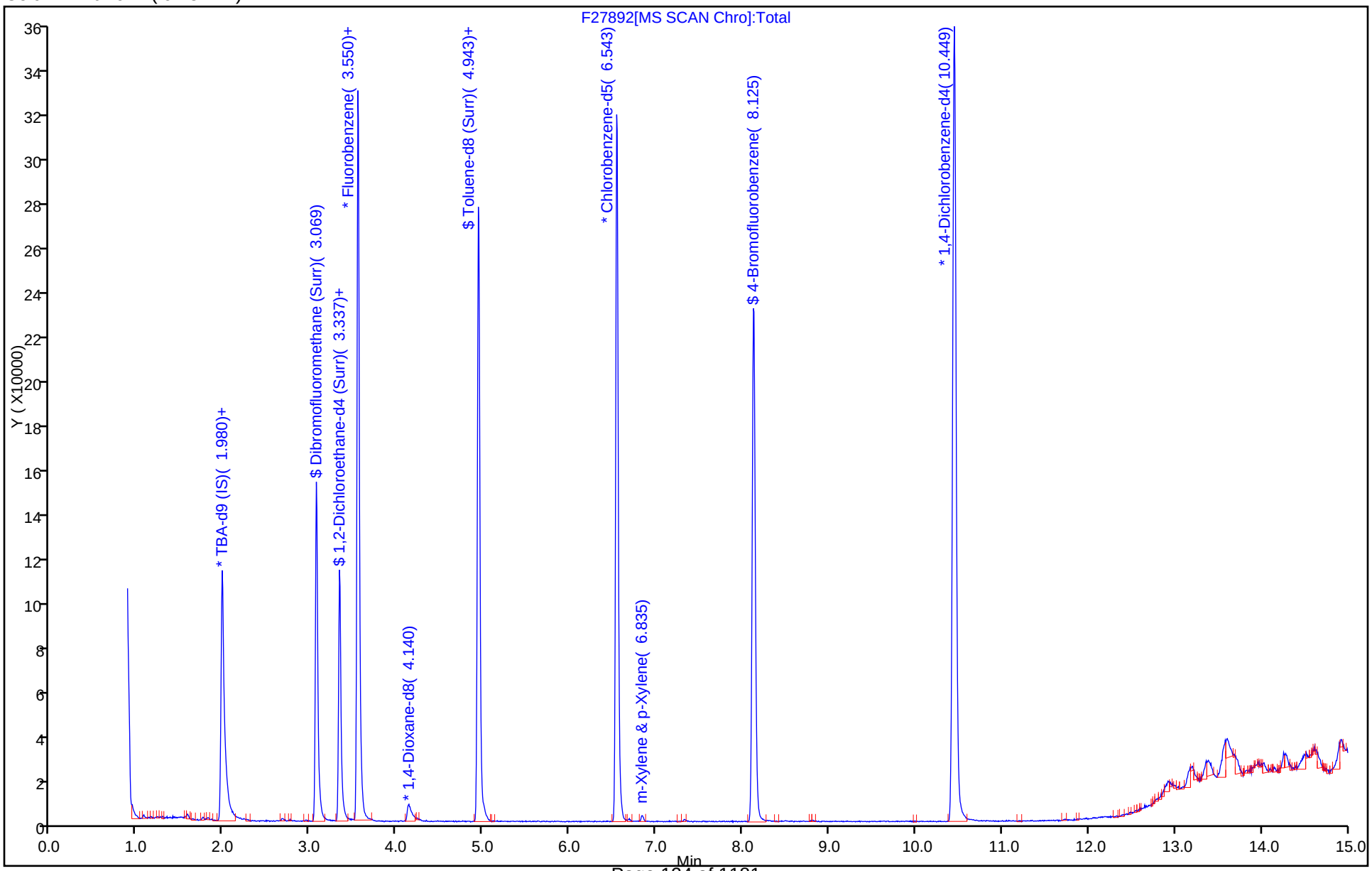
Report Date: 26-May-2015 11:52:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27892.D

Injection Date:	26-May-2015 10:10:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-95181-B-1	Lab Sample ID:	460-95181-1	Worklist Smp#:	9
Client ID:	Field Blank 051915				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



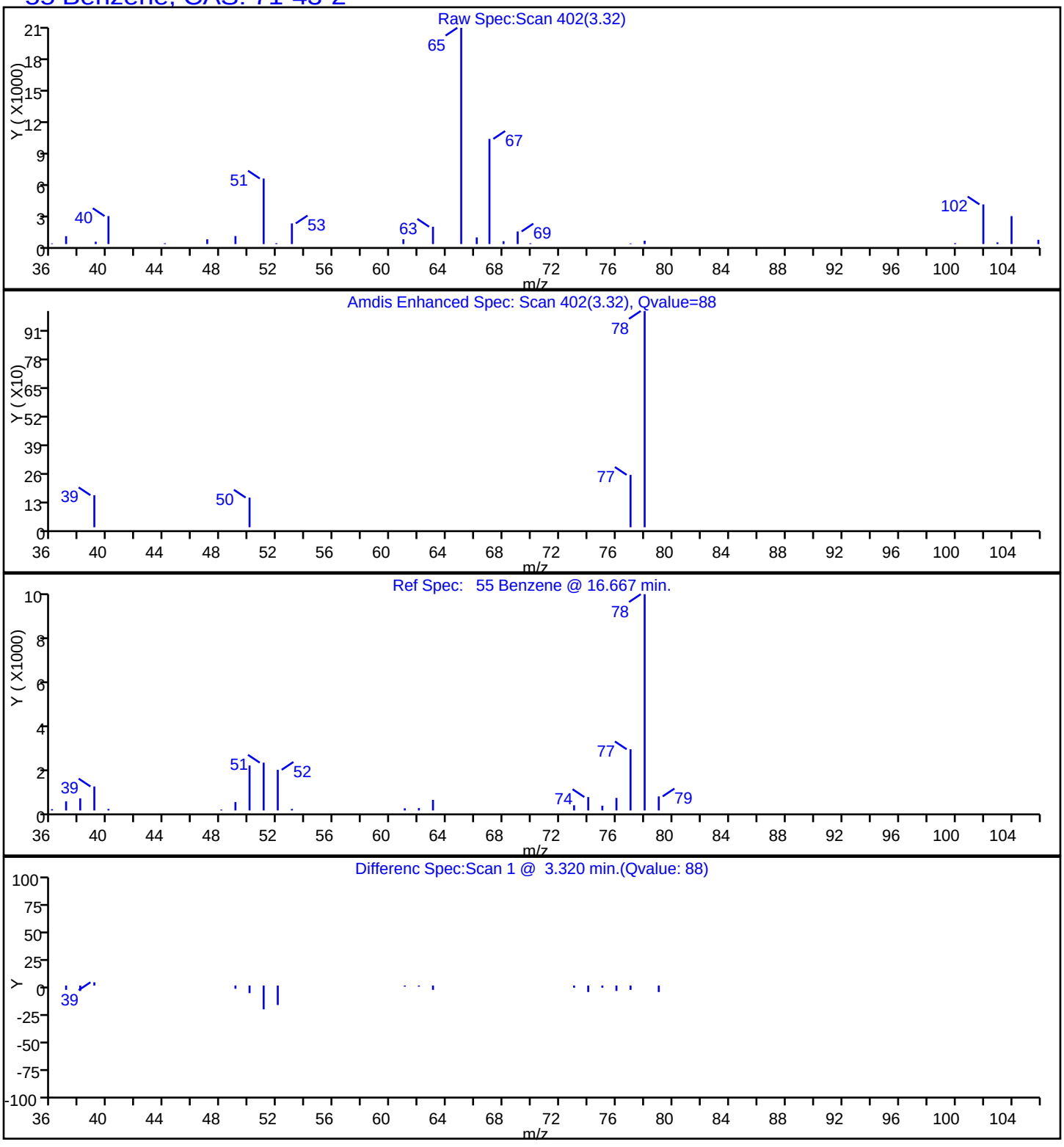
Report Date: 26-May-2015 11:52:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27892.D

Injection Date:	26-May-2015 10:10:30	Instrument ID:	CVOAMS6
Lims ID:	460-95181-B-1	Lab Sample ID:	460-95181-1
Client ID:	Field Blank 051915		
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

55 Benzene, CAS: 71-43-2



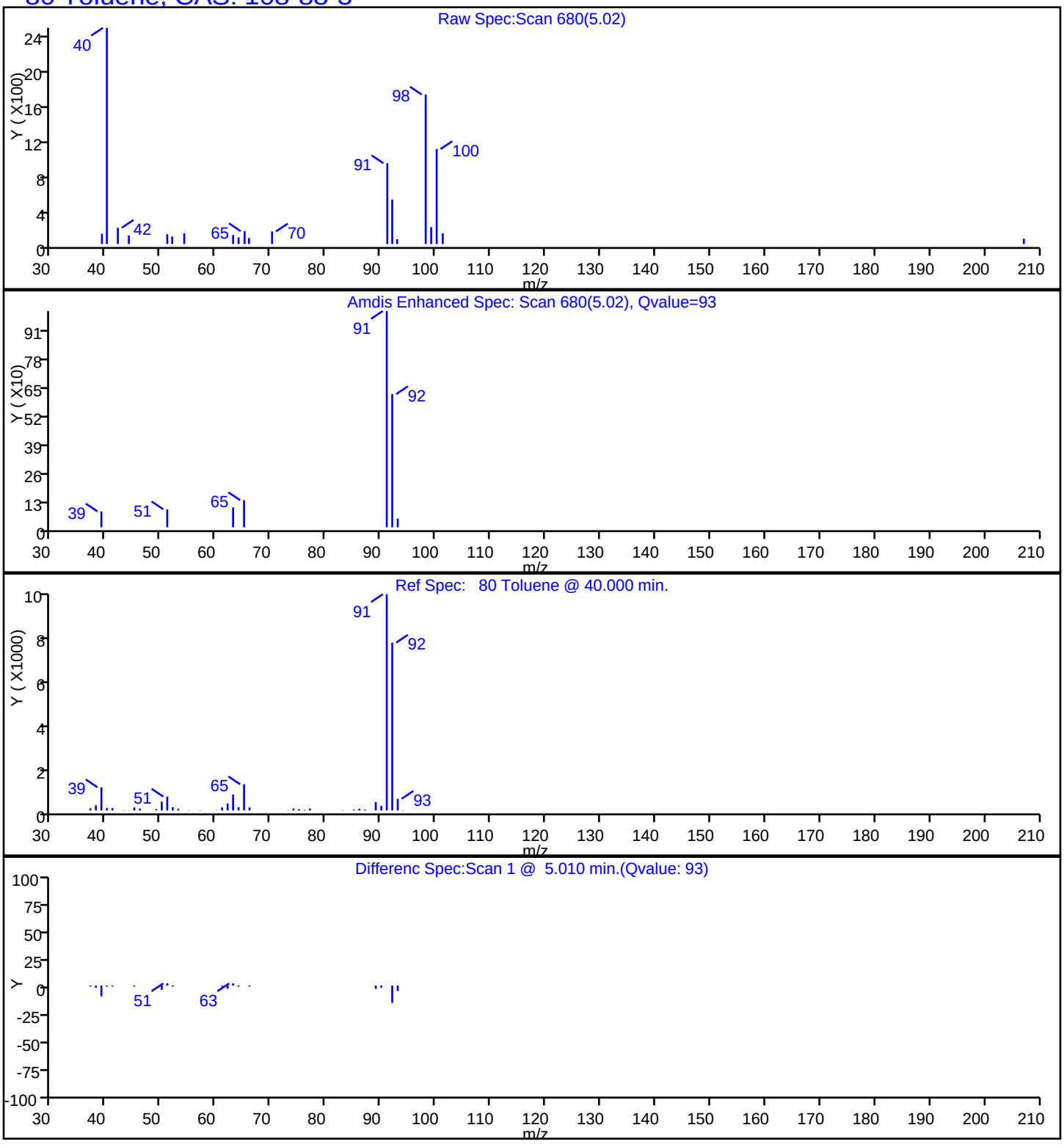
Report Date: 26-May-2015 11:52:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27892.D

Injection Date:	26-May-2015 10:10:30	Instrument ID:	CVOAMS6
Lims ID:	460-95181-B-1	Lab Sample ID:	460-95181-1
Client ID:	Field Blank 051915		
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

80 Toluene, CAS: 108-88-3



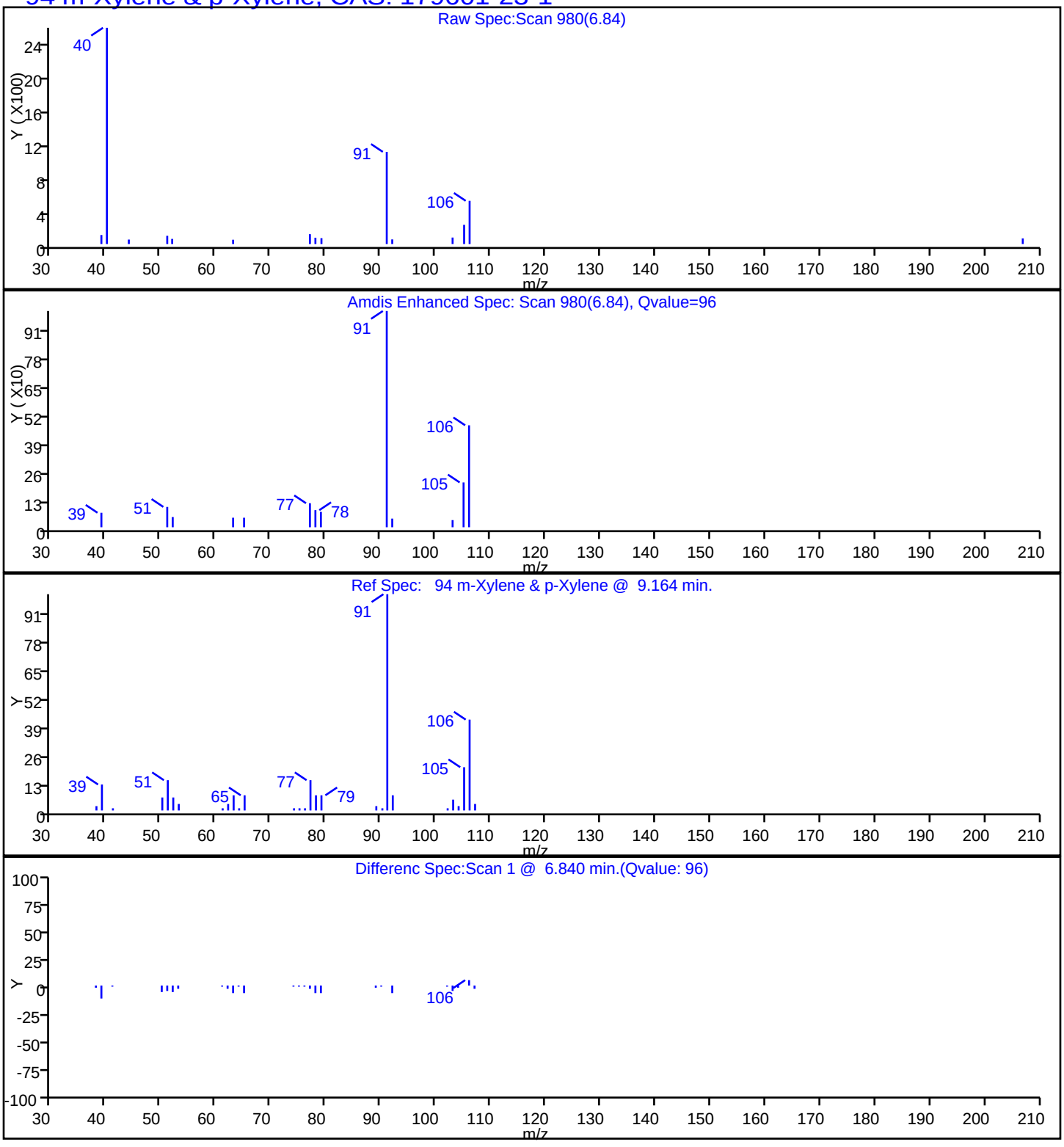
Report Date: 26-May-2015 11:52:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27892.D

Injection Date:	26-May-2015 10:10:30	Instrument ID:	CVOAMS6
Lims ID:	460-95181-B-1	Lab Sample ID:	460-95181-1
Client ID:	Field Blank 051915		
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

94 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-95181-2

Matrix: Water | Lab File ID: F27893.D

Analysis Method: 8260C | Date Collected: 05/20/2015 15:15

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 10:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.25
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
1330-20-7	Xylenes, Total	2.0	U	2.0	0.28
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
91-20-3	Naphthalene	1.0	U	1.0	0.26
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.23
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.25
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.29
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.26
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.31
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.28
104-51-8	n-Butylbenzene	1.0	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
460-00-4	4-Bromofluorobenzene	89		64-135
1868-53-7	Dibromofluoromethane (Surr)	88		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27893.D				
Lims ID:	460-95181-B-2	Lab Sample ID:	460-95181-2		
Client ID:	Trip Blank				
Sample Type:	Client				
Inject. Date:	26-May-2015 10:34:30	ALS Bottle#:	3	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-95181-B-2				
Misc. Info.:	460-0027791-010				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-May-2015 11:51:41	Calib Date:	24-May-2015 14:43:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK014				
First Level Reviewer: moroneyc		Date:	26-May-2015 11:52:13		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	46	1.980	1.986	-0.006	95	48101	1000.0	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	74315	44.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	96	69443	42.0	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	343149	50.0	
* 68 1,4-Dioxane-d8	96	4.140	4.140	0.000	98	14935	1000.0	
$ 79 Toluene-d8 (Surr)	98	4.943	4.943	0.000	99	180917	43.2	
* 90 Chlorobenzene-d5	117	6.543	6.549	-0.006	83	262780	50.0	
$ 101 4-Bromofluorobenzene	174	8.131	8.125	0.006	96	97530	44.3	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	92	206975	50.0	

Reagents:

8260SURR250_00072	Amount Added: 1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added: 1.00	Units: uL	Run Reagent

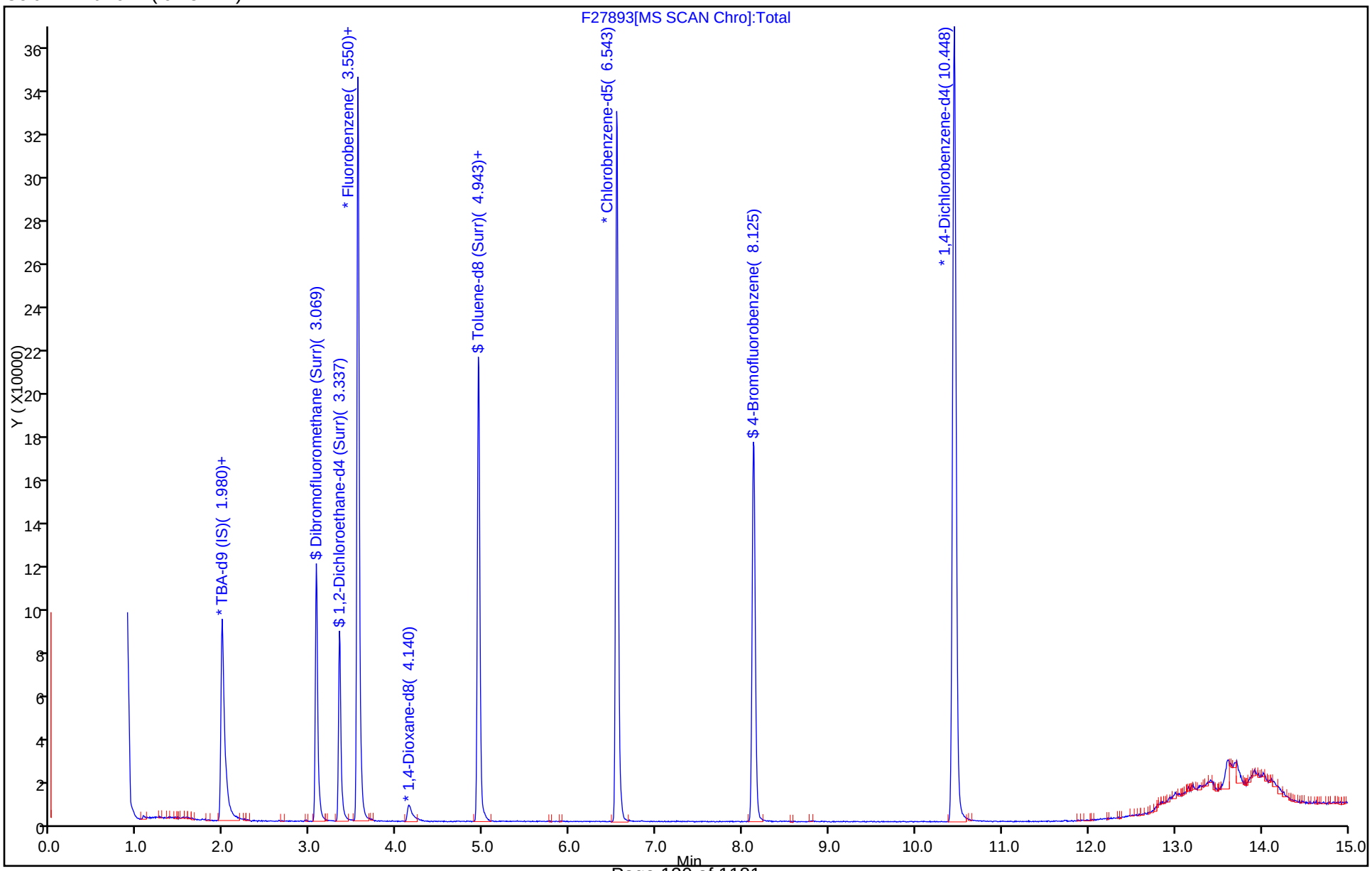
Report Date: 26-May-2015 11:52:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27893.D

Injection Date:	26-May-2015 10:34:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-95181-B-2	Lab Sample ID:	460-95181-2	Worklist Smp#:	10
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-5 (19-20) | Lab Sample ID: 460-95181-3

Matrix: Solid | Lab File ID: B83031.D

Analysis Method: 8260C | Date Collected: 05/19/2015 12:50

Sample wt/vol: 5.40(g) | Date Analyzed: 05/26/2015 15:28

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 | Level: (low/med) Medium

Analysis Batch No.: 300803 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	980		110	25
108-67-8	1,3,5-Trimethylbenzene	360		110	27
99-87-6	4-Isopropyltoluene	110	U	110	28
71-43-2	Benzene	110	U	110	20
100-41-4	Ethylbenzene	140		110	32
98-82-8	Isopropylbenzene	73	J	110	34
1634-04-4	Methyl tert-butyl ether	110	U	110	14
91-20-3	Naphthalene	110	U	110	28
104-51-8	n-Butylbenzene	110	U	110	29
103-65-1	N-Propylbenzene	210		110	31
135-98-8	sec-Butylbenzene	210		110	33
98-06-6	tert-Butylbenzene	110	U	110	30
108-88-3	Toluene	110		110	27
1330-20-7	Xylenes, Total	870		210	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		75-135
460-00-4	4-Bromofluorobenzene	98		72-133
1868-53-7	Dibromofluoromethane (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	104		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D
Lims ID: 460-95181-A-3-A Lab Sample ID: 460-95181-3
Client ID: SB-5 (19-20)
Sample Type: Client
Inject. Date: 26-May-2015 15:28:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-95181-A-3-A
Misc. Info.: 460-0027798-014
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 19:57:02 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: delpolitov Date: 27-May-2015 19:57:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.673	2.656	0.017	87	406275	1000.0	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	97	291290	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.278	4.269	0.009	95	162289	54.1	
55 Benzene	78	4.607	4.615	-0.008	41	2032	0.1338	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	95	209707	52.4	
* 62 Fluorobenzene	96	4.961	4.960	0.001	99	594506	50.0	
* 69 1,4-Dioxane-d8	96	5.817	5.800	0.017	91	39616	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	100	615346	52.2	
81 Toluene	91	7.035	7.034	0.001	92	15666	1.03	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	536148	50.0	
93 Ethylbenzene	106	8.680	8.680	0.000	93	7563	1.36	
95 m-Xylene & p-Xylene	106	8.804	8.796	0.008	98	38831	6.04	
96 o-Xylene	106	9.174	9.174	0.000	92	14492	2.12	
101 Isopropylbenzene	105	9.495	9.495	0.000	49	9997	0.6867	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	89	185168	48.8	
106 N-Propylbenzene	91	9.857	9.857	0.000	90	33608	1.99	
111 1,3,5-Trimethylbenzene	105	10.022	10.014	0.008	93	42371	3.38	
115 1,2,4-Trimethylbenzene	105	10.335	10.326	0.009	97	116917	9.18	
116 sec-Butylbenzene	105	10.458	10.458	0.000	52	24099	1.92	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	299783	50.0	
S 135 Xylenes, Total	100				0		8.16	

Reagents:

8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

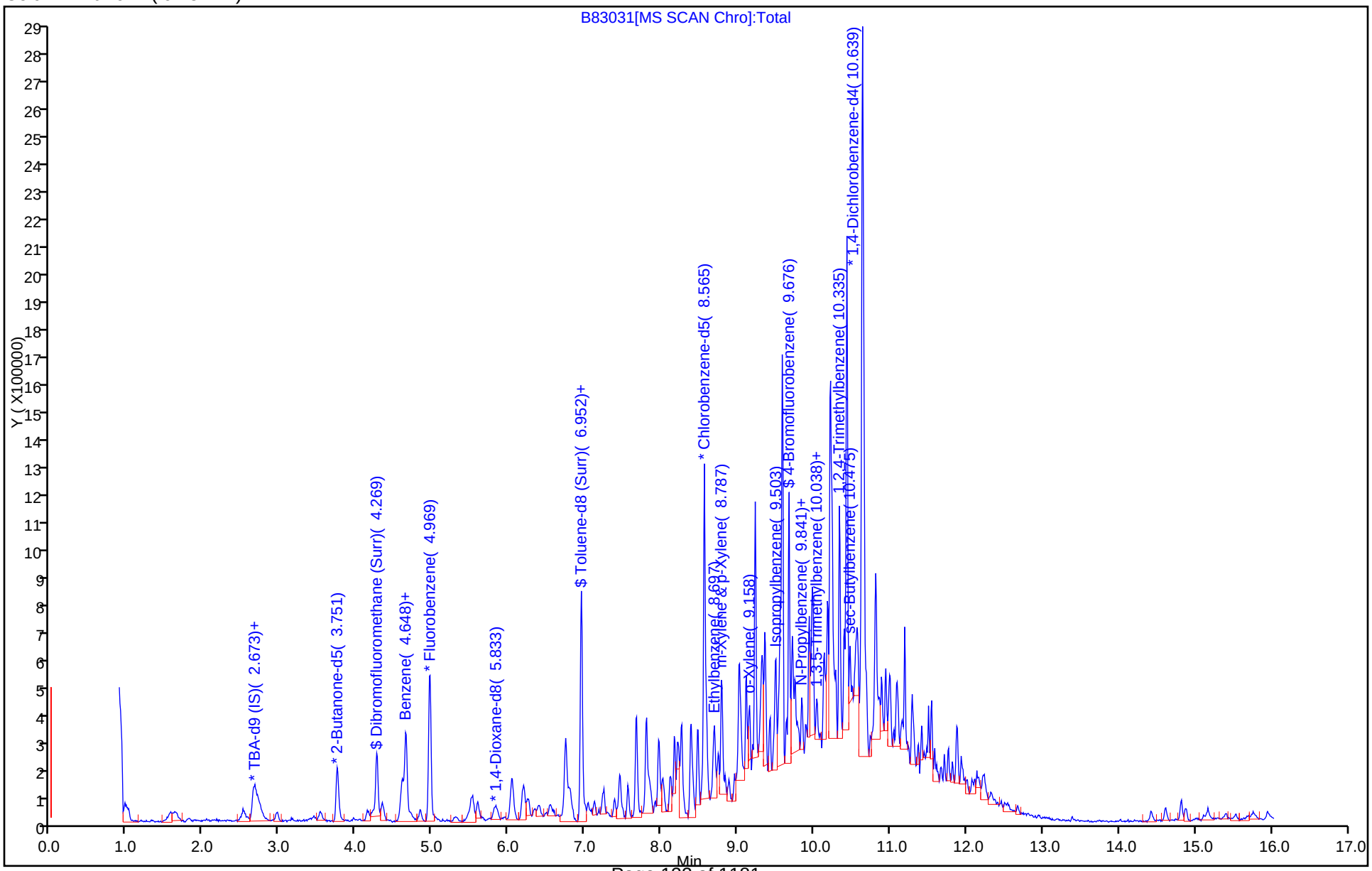
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3	Worklist Smp#:	14
Client ID:	SB-5 (19-20)				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	13
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



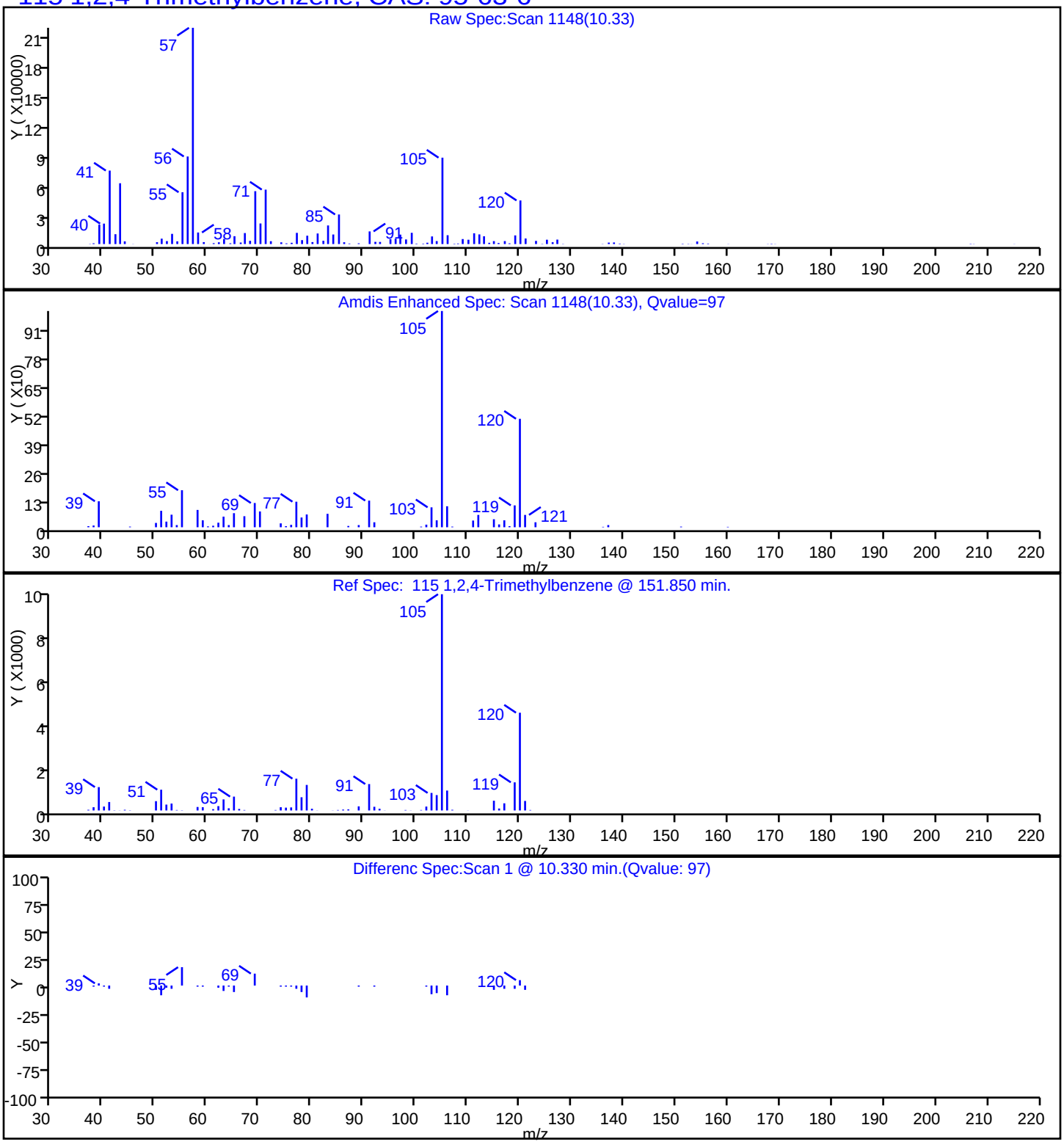
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



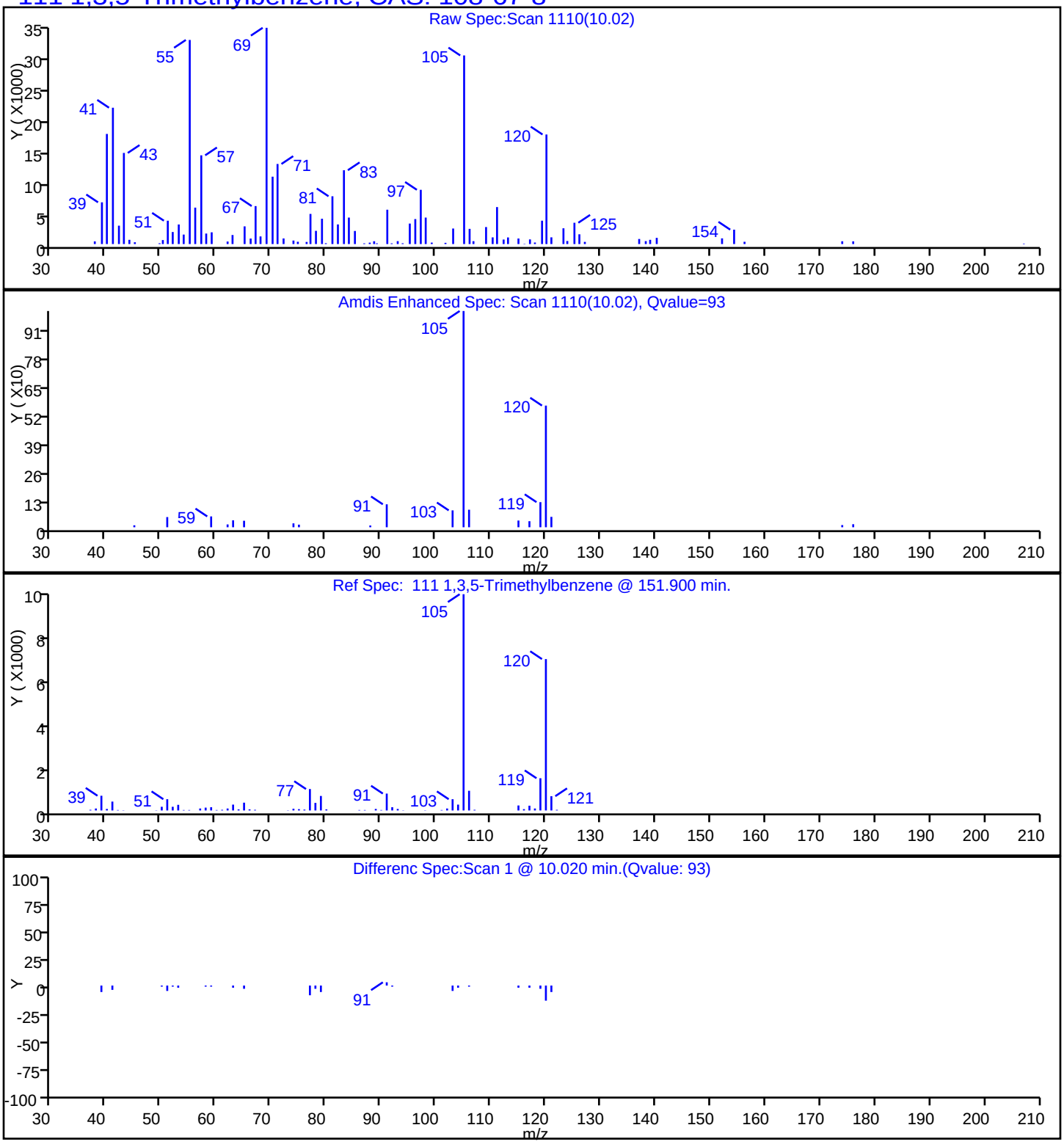
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

111 1,3,5-Trimethylbenzene, CAS: 108-67-8



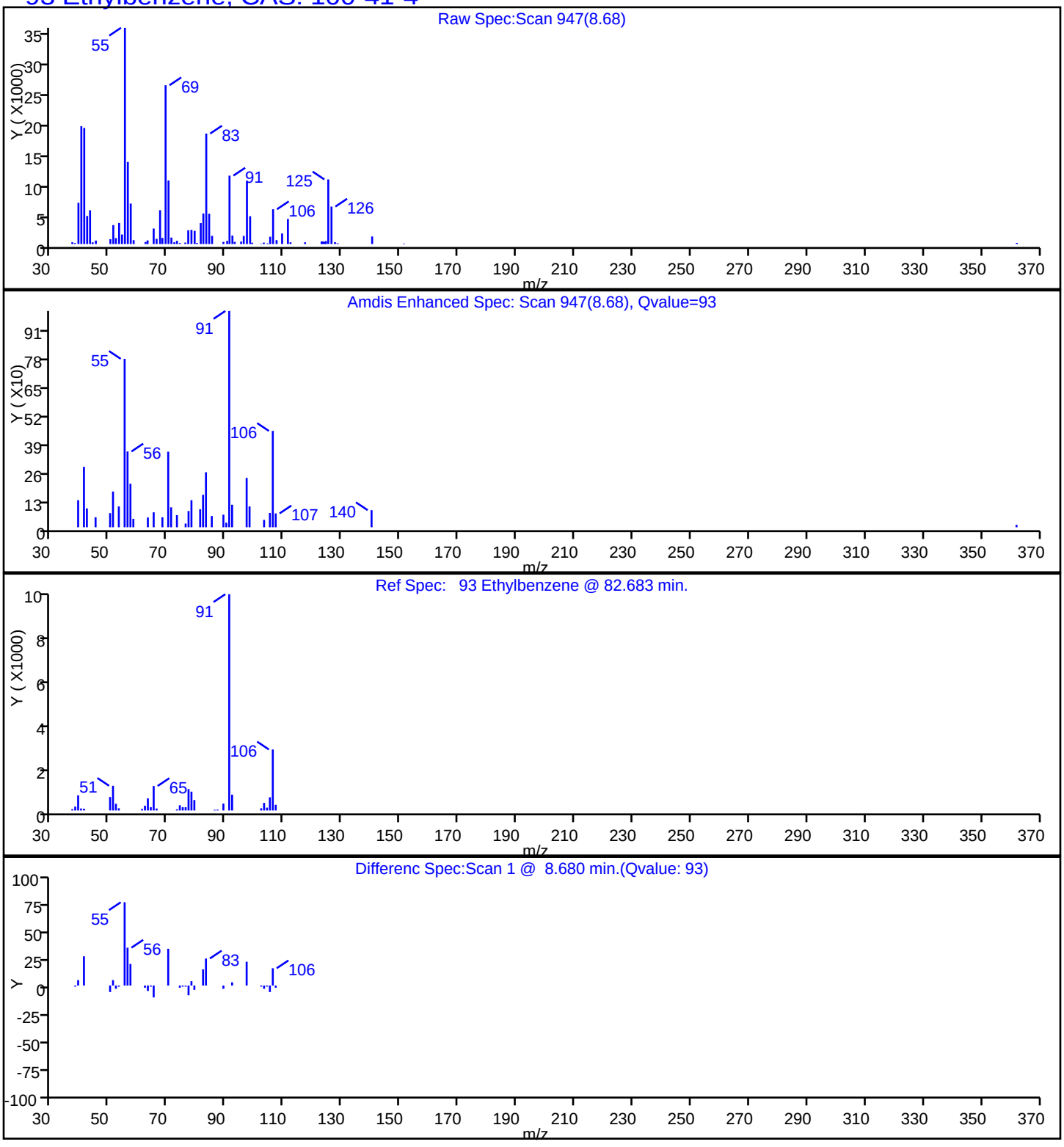
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

93 Ethylbenzene, CAS: 100-41-4



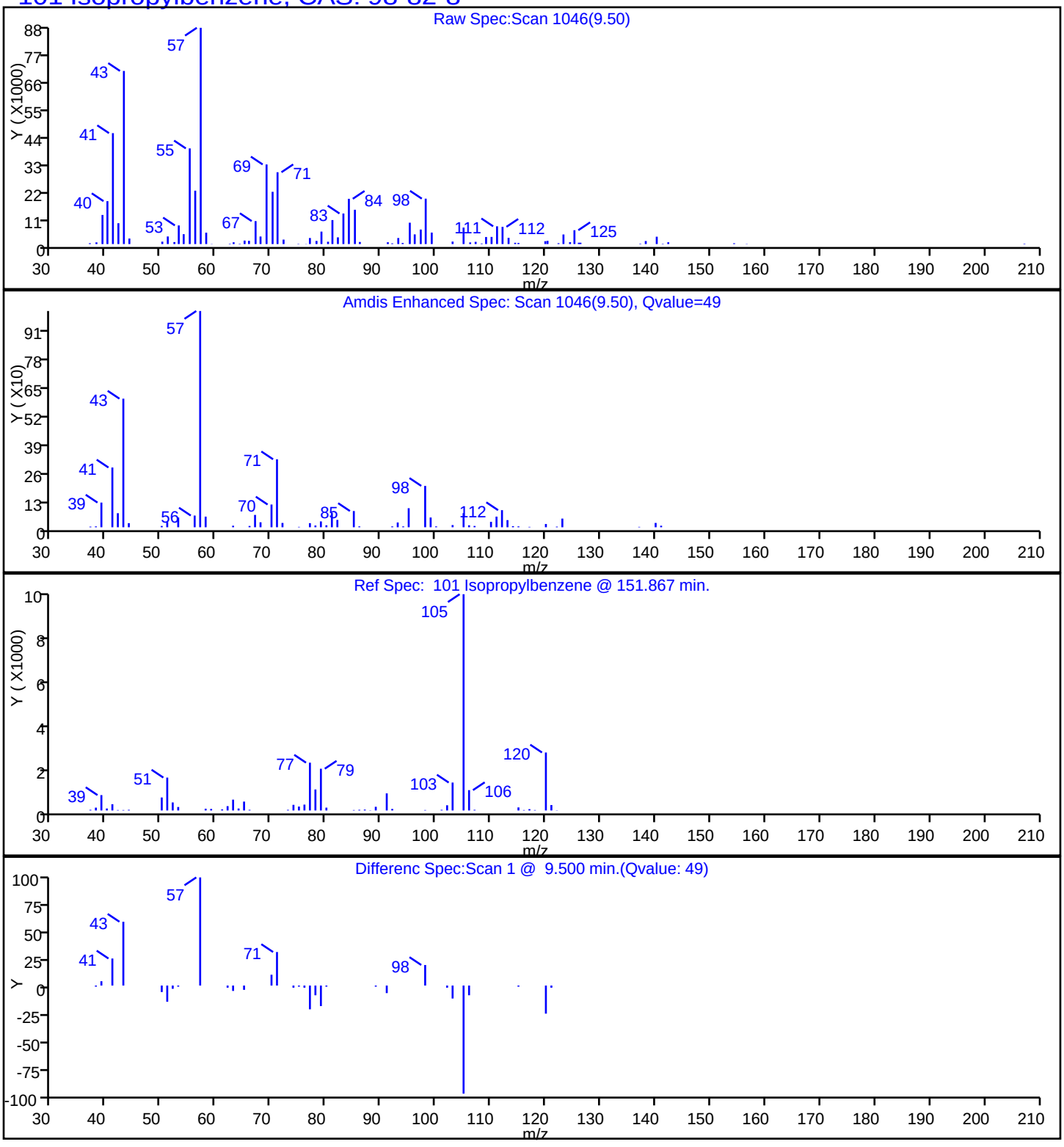
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Isopropylbenzene, CAS: 98-82-8



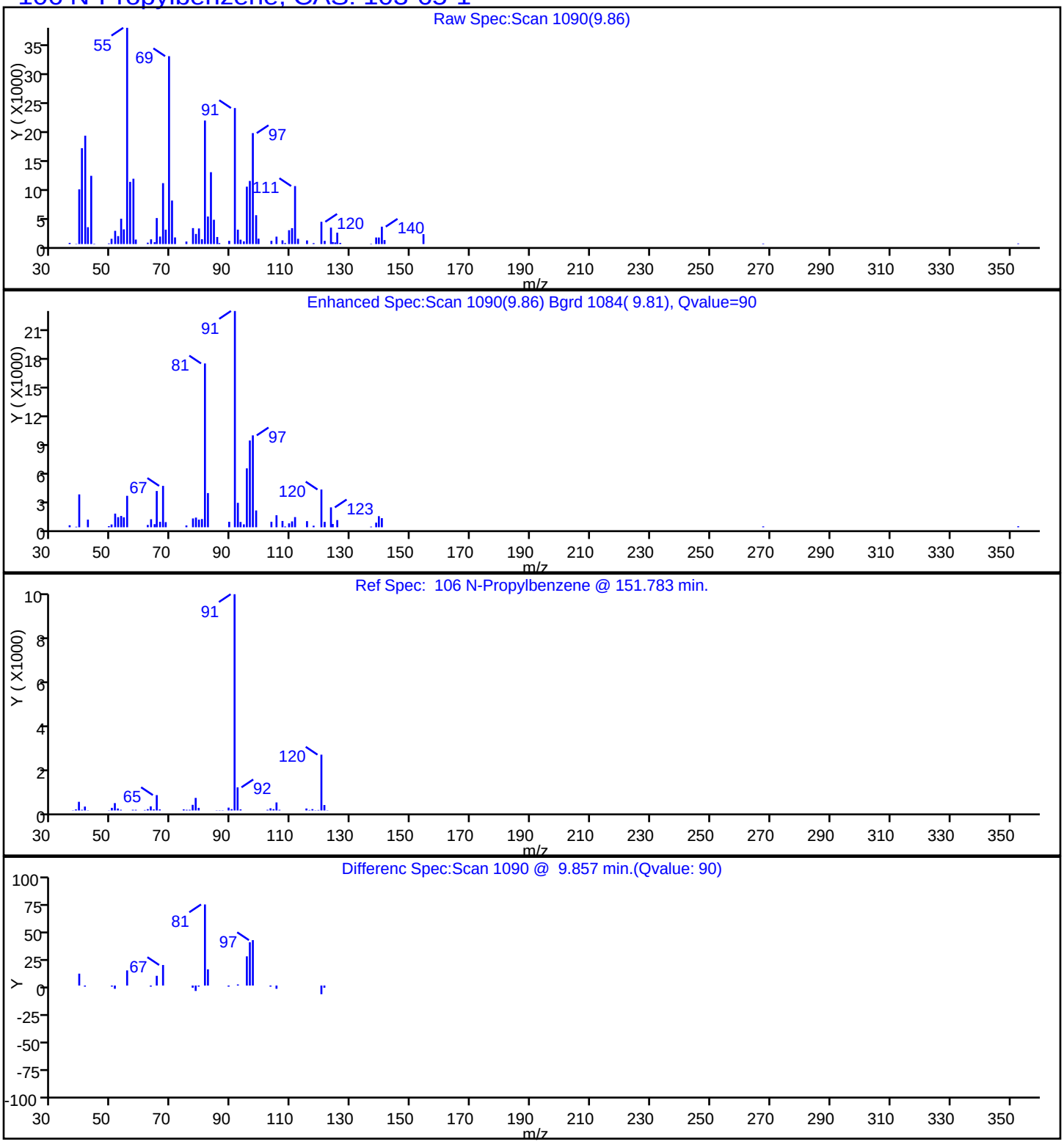
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

106 N-Propylbenzene, CAS: 103-65-1



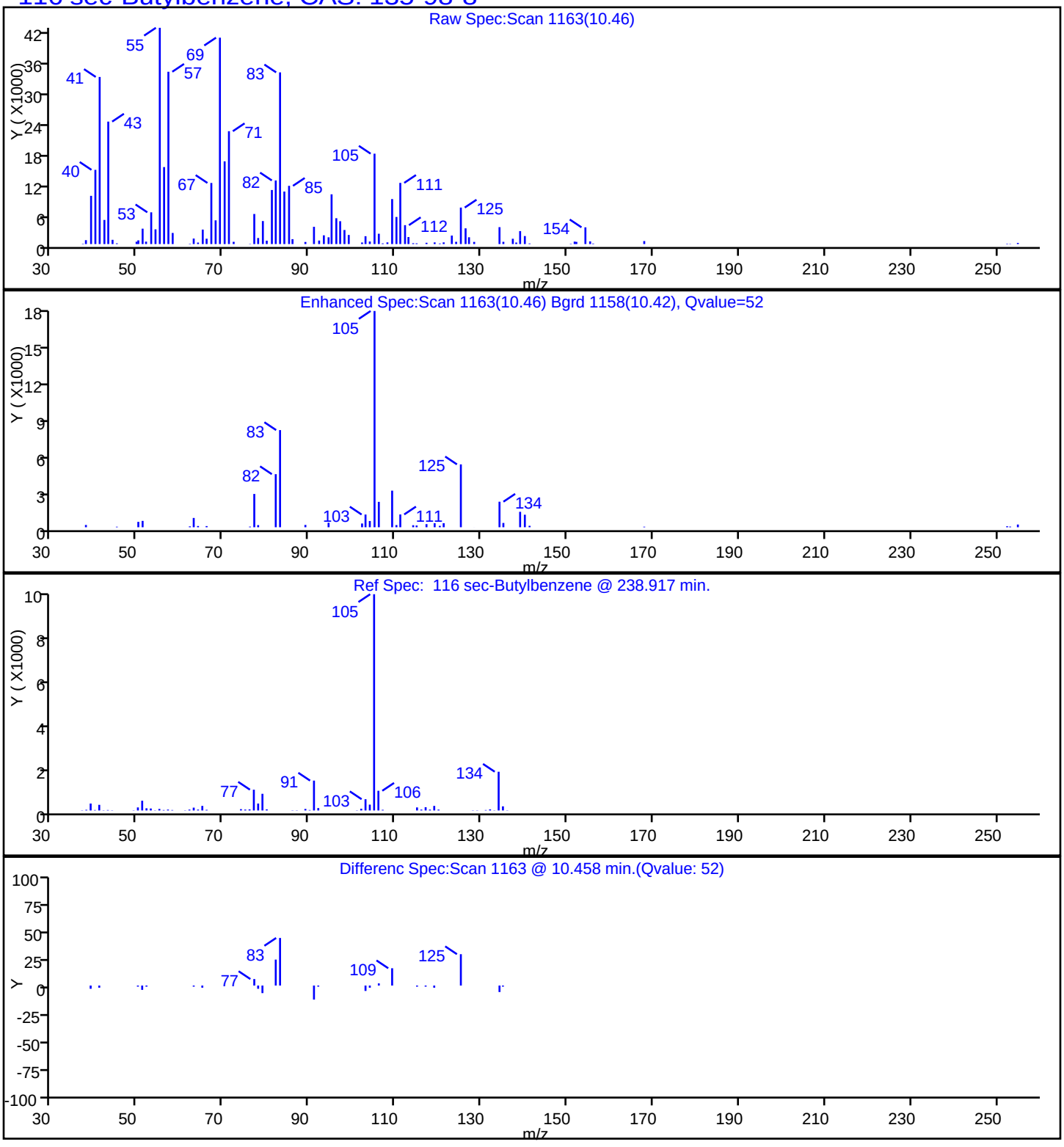
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8



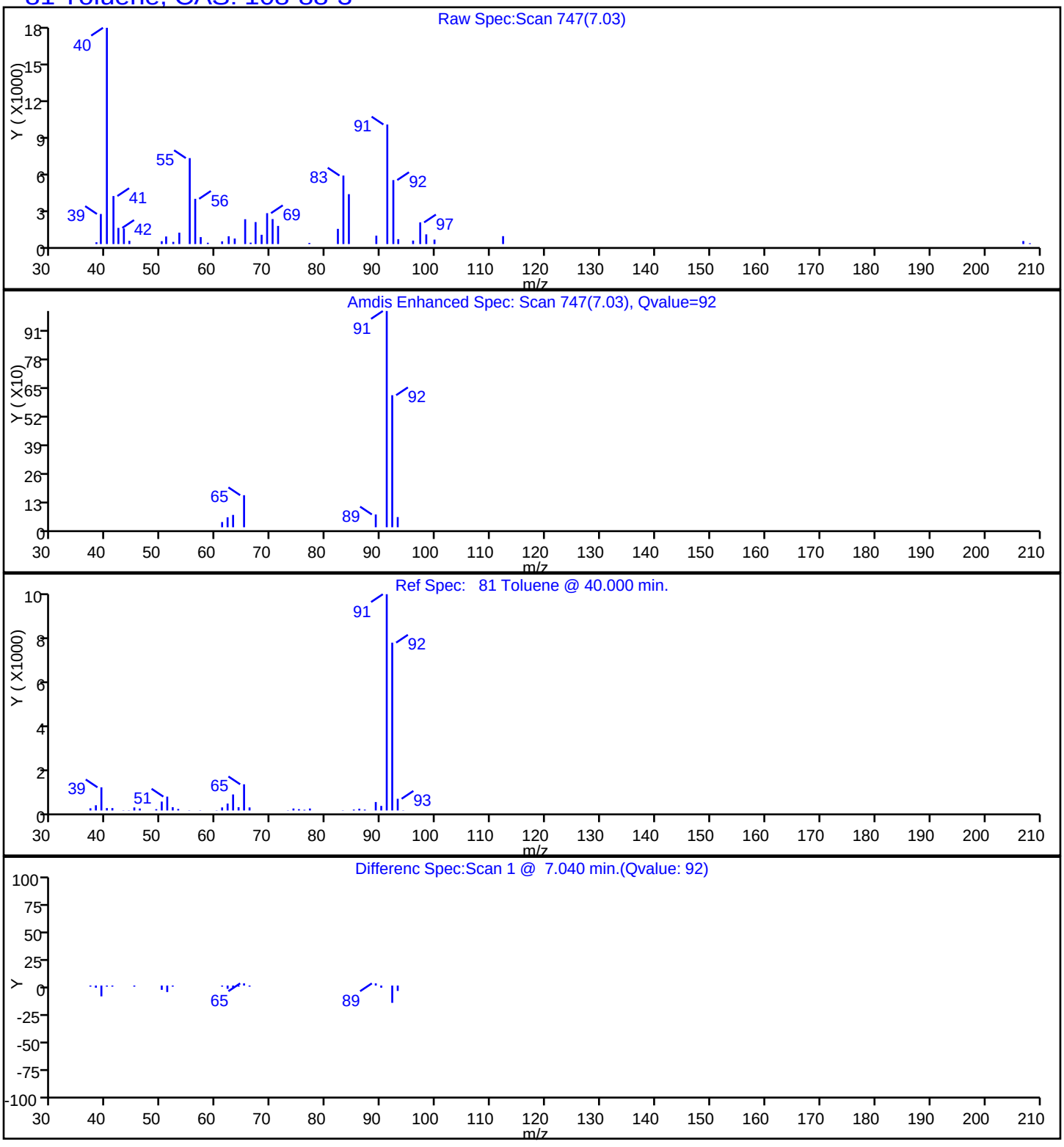
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Toluene, CAS: 108-88-3



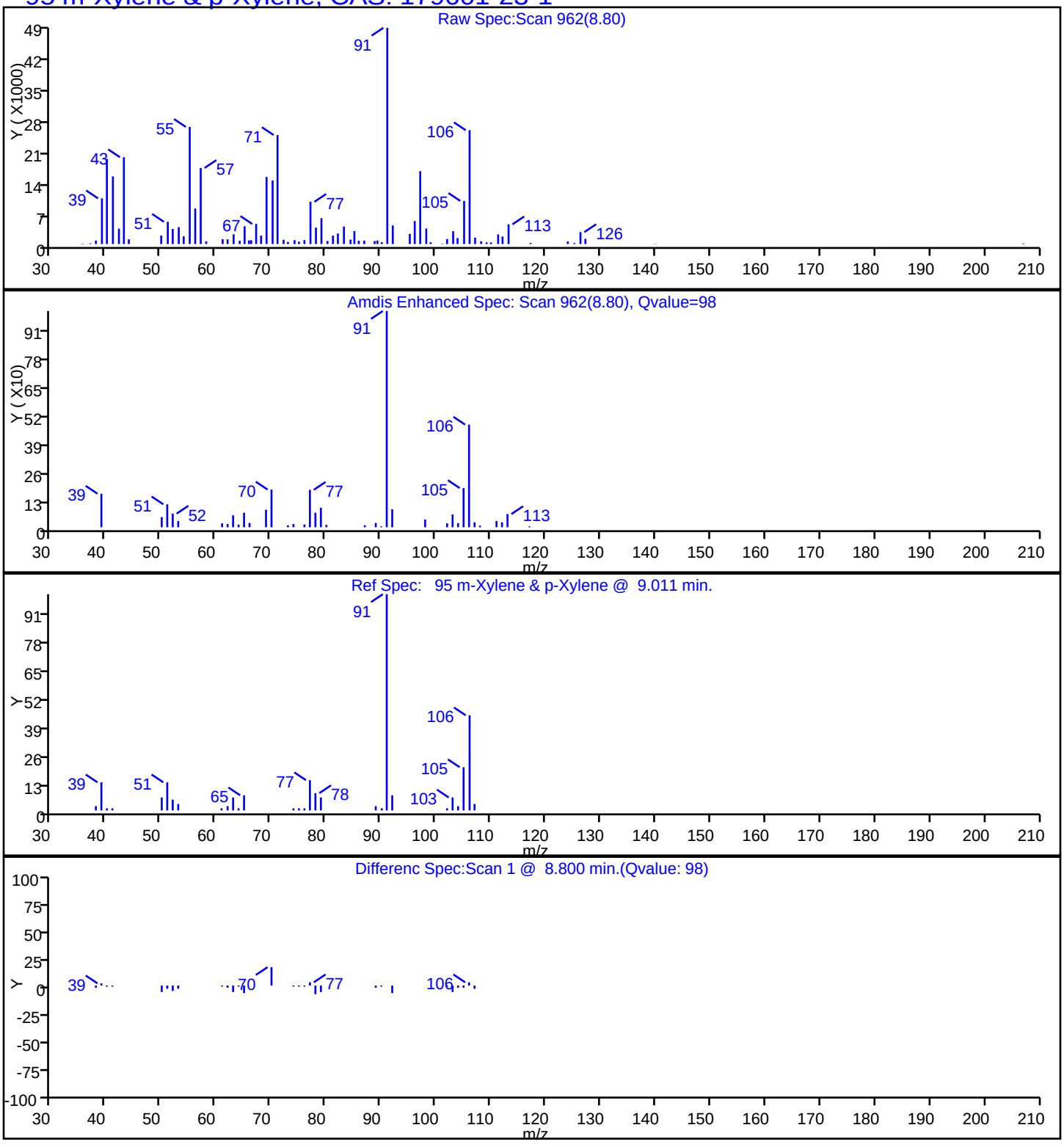
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



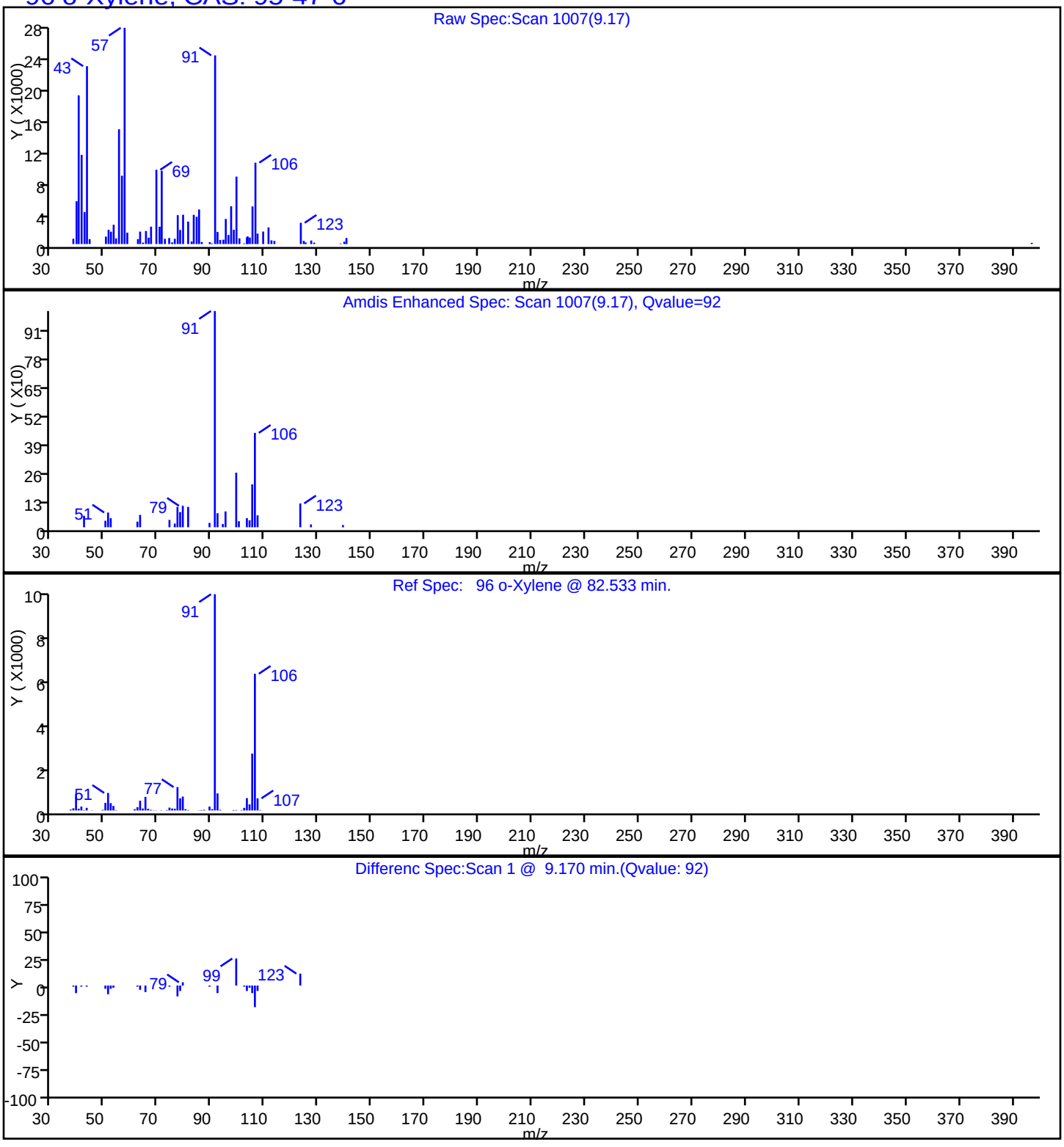
Report Date: 27-May-2015 19:57:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83031.D

Injection Date:	26-May-2015 15:28:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-3-A	Lab Sample ID:	460-95181-3
Client ID:	SB-5 (19-20)		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-4 (20-23) | Lab Sample ID: 460-95181-4

Matrix: Solid | Lab File ID: O98845.D

Analysis Method: 8260C | Date Collected: 05/19/2015 12:55

Sample wt/vol: 5.28(g) | Date Analyzed: 05/27/2015 03:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.1 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.1	U	1.1	0.39
108-67-8	1,3,5-Trimethylbenzene	1.1	U	1.1	0.15
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.17
71-43-2	Benzene	1.1	U	1.1	0.23
100-41-4	Ethylbenzene	1.1	U	1.1	0.21
98-82-8	Isopropylbenzene	1.1	U	1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.19
91-20-3	Naphthalene	1.1	U	1.1	0.14
104-51-8	n-Butylbenzene	1.1	U	1.1	0.24
103-65-1	N-Propylbenzene	1.1	U	1.1	0.21
135-98-8	sec-Butylbenzene	1.1	U	1.1	0.19
98-06-6	tert-Butylbenzene	1.1	U	1.1	0.39
108-88-3	Toluene	0.27	J	1.1	0.22
1330-20-7	Xylenes, Total	2.3	U	2.3	0.13

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	113		70-130
1868-53-7	Dibromofluoromethane (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98845.D
Lims ID: 460-95181-B-4-A Lab Sample ID: 460-95181-4
Client ID: SB-4 (20-23)
Sample Type: Client
Inject. Date: 27-May-2015 03:10:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95181-B-4-A
Misc. Info.: 460-0027822-015
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:16:20 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: desais Date: 27-May-2015 11:00:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	162163	1000.0	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	100	110661	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.552	3.559	-0.007	97	115826	54.8	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	94805	51.8	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	344518	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	97	15949	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	468201	48.3	
81 Toluene	91	6.059	6.059	0.000	93	3298	0.2340	
* 91 Chlorobenzene-d5	117	7.920	7.921	0.000	85	365992	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	189568	56.6	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	206606	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

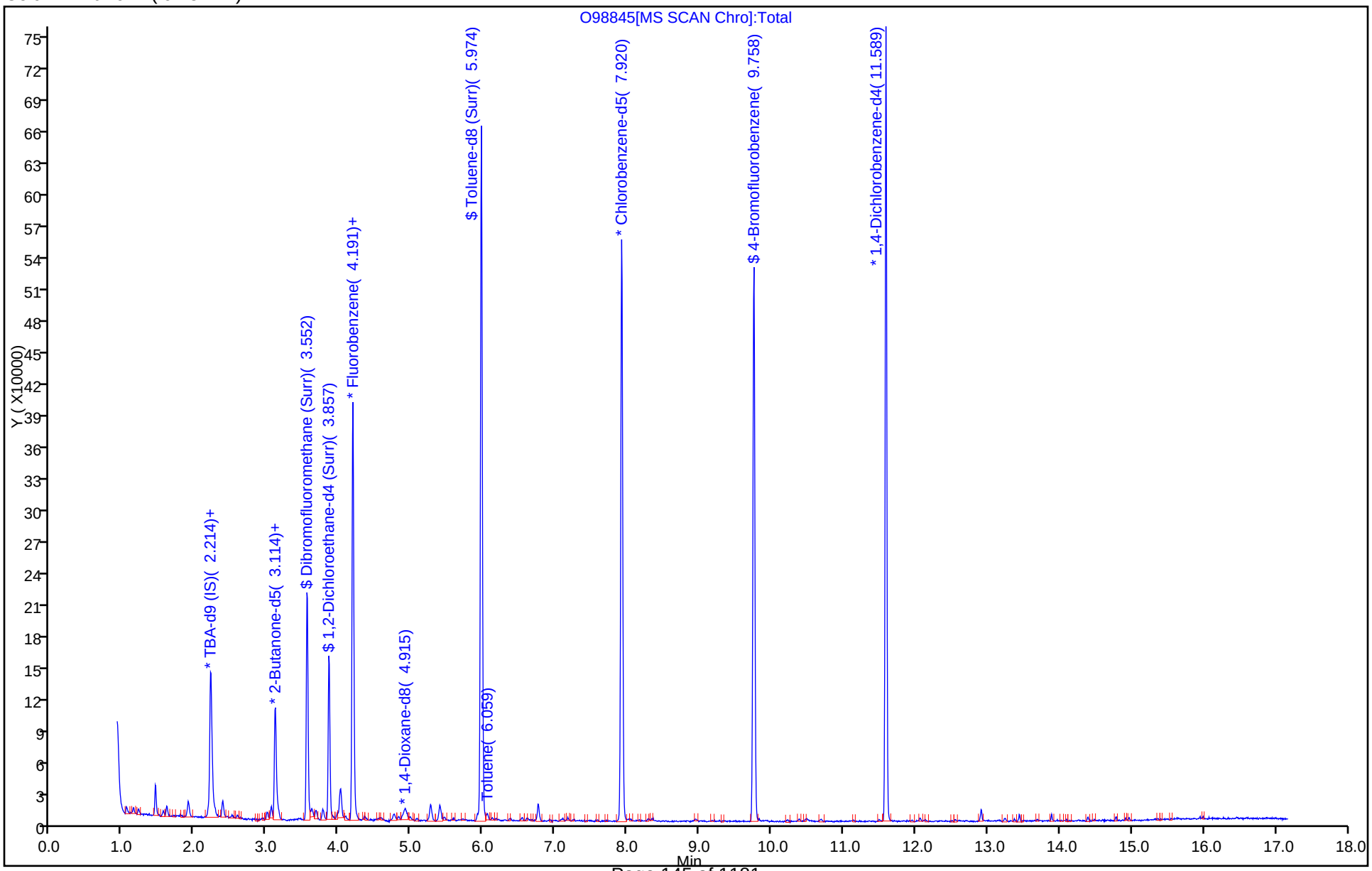
Report Date: 27-May-2015 13:16:21 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98845.D

Injection Date:	27-May-2015 03:10:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95181-B-4-A	Lab Sample ID:	460-95181-4	Worklist Smp#:	15
Client ID:	SB-4 (20-23)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



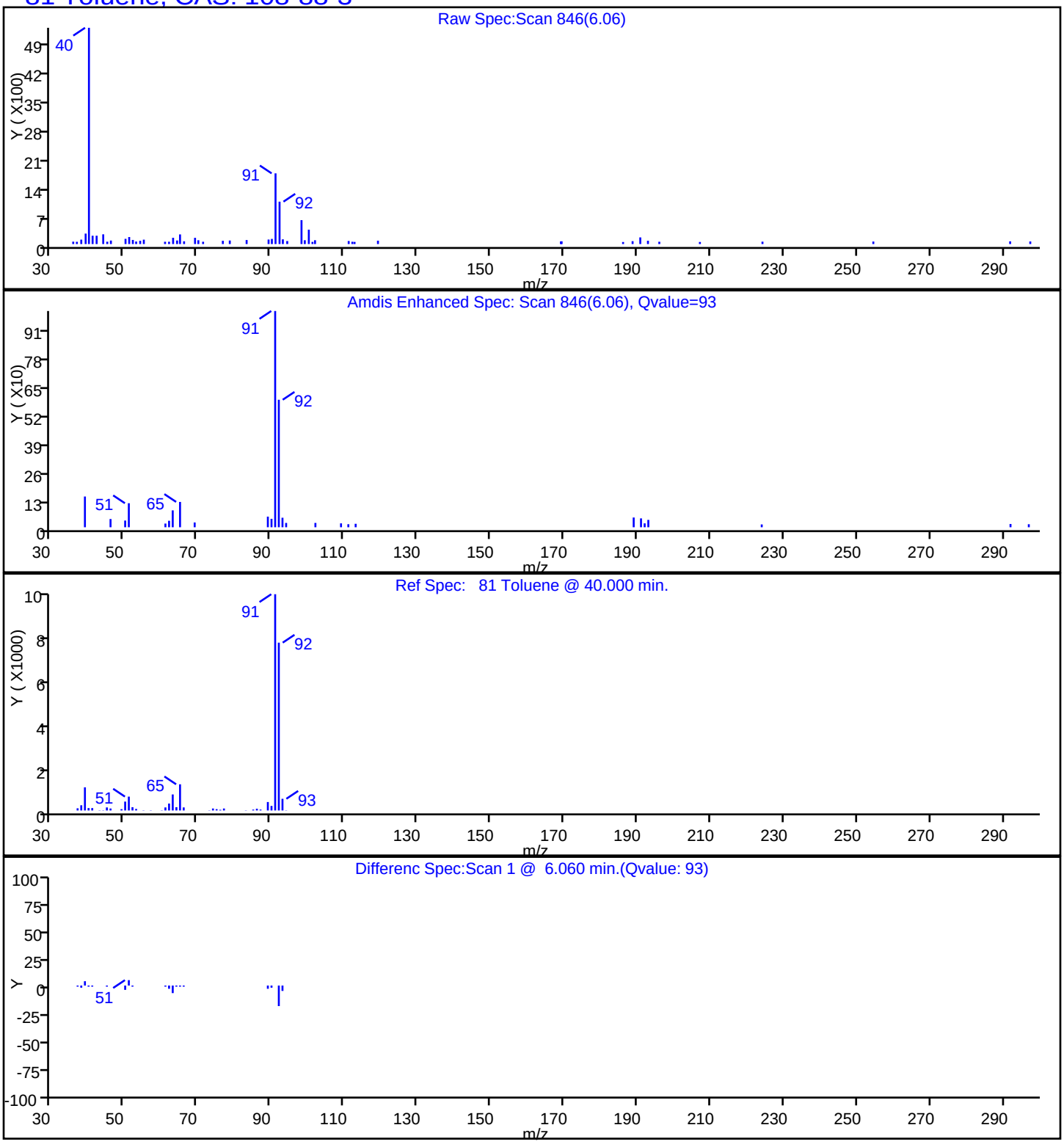
Report Date: 27-May-2015 13:16:21 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98845.D

Injection Date:	27-May-2015 03:10:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-B-4-A	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: DUP 051915 | Lab Sample ID: 460-95181-5

Matrix: Solid | Lab File ID: O98853.D

Analysis Method: 8260C | Date Collected: 05/19/2015 13:00

Sample wt/vol: 5.24(g) | Date Analyzed: 05/27/2015 06:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	50		1.1	0.37
108-67-8	1,3,5-Trimethylbenzene	18		1.1	0.14
99-87-6	4-Isopropyltoluene	1.1	U	1.1	0.16
71-43-2	Benzene	10		1.1	0.22
100-41-4	Ethylbenzene	21		1.1	0.20
98-82-8	Isopropylbenzene	7.9		1.1	0.19
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.19
91-20-3	Naphthalene	17		1.1	0.13
104-51-8	n-Butylbenzene	7.4		1.1	0.23
103-65-1	N-Propylbenzene	17		1.1	0.20
135-98-8	sec-Butylbenzene	21		1.1	0.19
98-06-6	tert-Butylbenzene	1.7		1.1	0.37
108-88-3	Toluene	90		1.1	0.21
1330-20-7	Xylenes, Total	140		2.2	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene	114		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D
Lims ID: 460-95181-C-5-A Lab Sample ID: 460-95181-5
Client ID: DUP 051915
Sample Type: Client
Inject. Date: 27-May-2015 06:33:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95181-C-5-A
Misc. Info.: 460-0027822-023
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:19:13 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: desais Date: 27-May-2015 11:04:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.214	2.226	-0.012	98	154478	1000.0	
* 157 2-Butanone-d5	46	3.109	3.114	-0.005	99	112254	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.559	0.000	98	112957	46.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	94003	44.6	
56 Benzene	78	3.918	3.918	0.000	96	140311	9.38	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	397428	50.0	
* 68 1,4-Dioxane-d8	96	4.909	4.915	-0.006	90	19611	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.980	5.974	0.006	97	565161	54.6	
81 Toluene	91	6.059	6.059	0.000	93	1237935	82.3	
* 91 Chlorobenzene-d5	117	7.927	7.921	0.007	83	390673	50.0	
94 Ethylbenzene	106	8.176	8.164	0.012	98	105639	19.2	
95 m-Xylene & p-Xylene	106	8.359	8.352	0.007	97	539051	83.3	
96 o-Xylene	106	8.949	8.943	0.006	94	252431	40.9	
101 Isopropylbenzene	105	9.563	9.557	0.006	96	120912	7.21	
$ 102 4-Bromofluorobenzene	174	9.764	9.758	0.006	94	203663	57.0	
108 N-Propylbenzene	91	10.232	10.226	0.006	69	344680	15.2	
112 1,3,5-Trimethylbenzene	105	10.549	10.543	0.006	94	255664	17.0	
114 tert-Butylbenzene	119	11.066	11.060	0.006	63	23211	1.56	
115 1,2,4-Trimethylbenzene	105	11.151	11.139	0.012	98	710427	45.8	
116 sec-Butylbenzene	105	11.413	11.406	0.007	90	410508	18.9	
* 118 1,4-Dichlorobenzene-d4	152	11.595	11.589	0.006	95	254686	50.0	
125 n-Butylbenzene	91	12.155	12.149	0.006	66	136158	6.77	
132 Naphthalene	128	13.889	13.888	0.001	99	156130	15.3	
S 135 Xylenes, Total	100				0		124.2	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

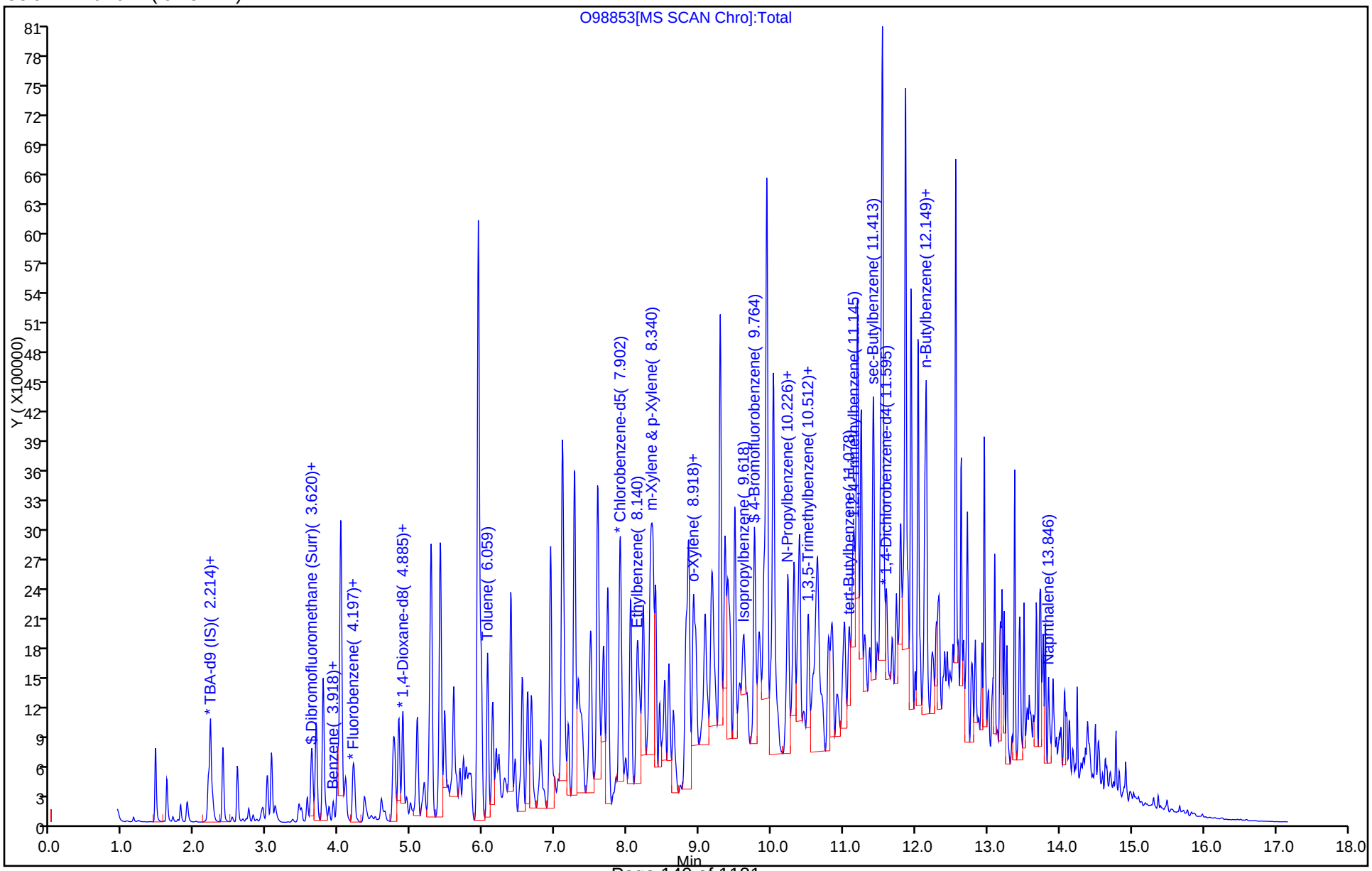
Report Date: 27-May-2015 11:20:13 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5	Worklist Smp#:	23
Client ID:	DUP 051915				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



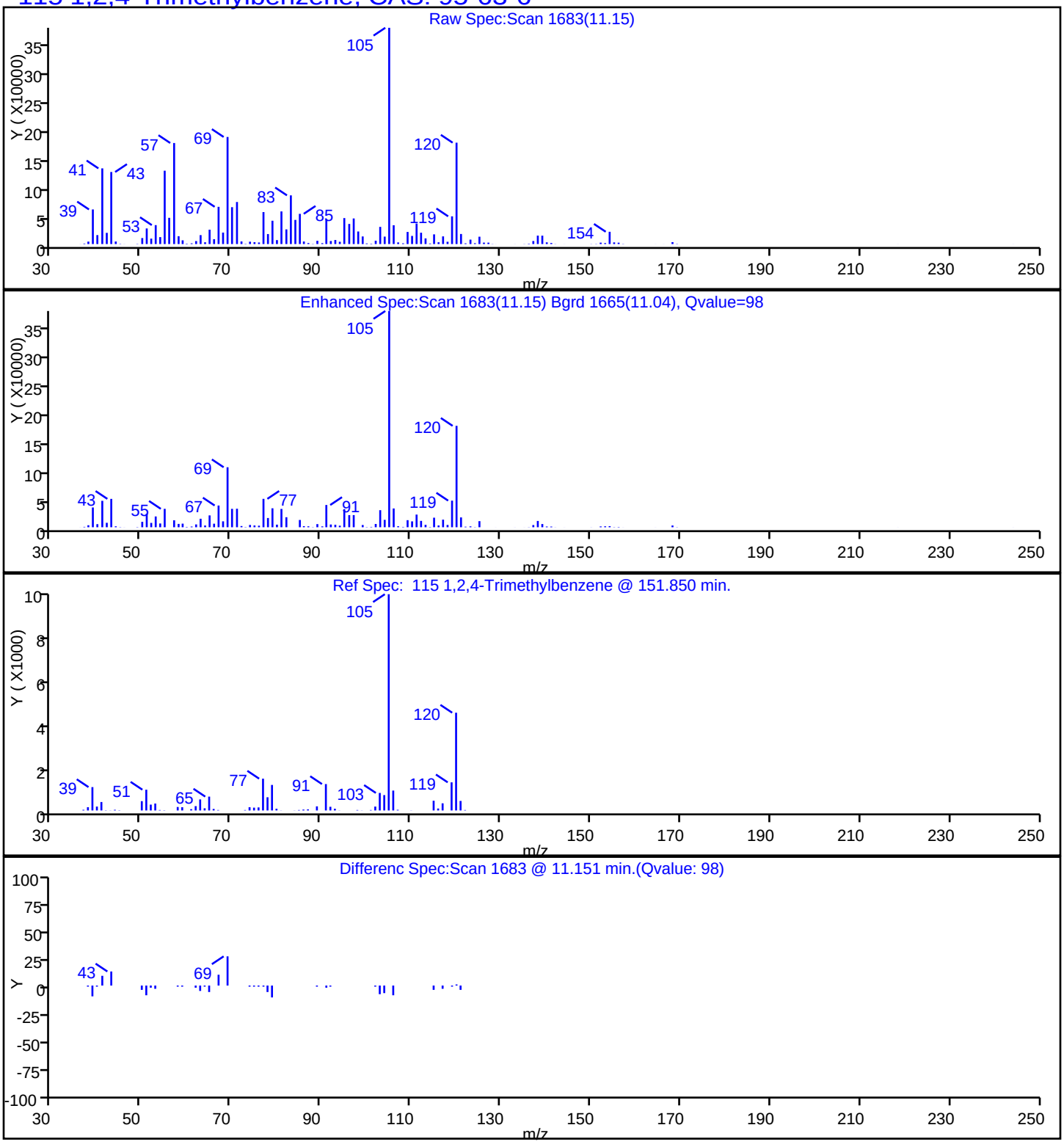
Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



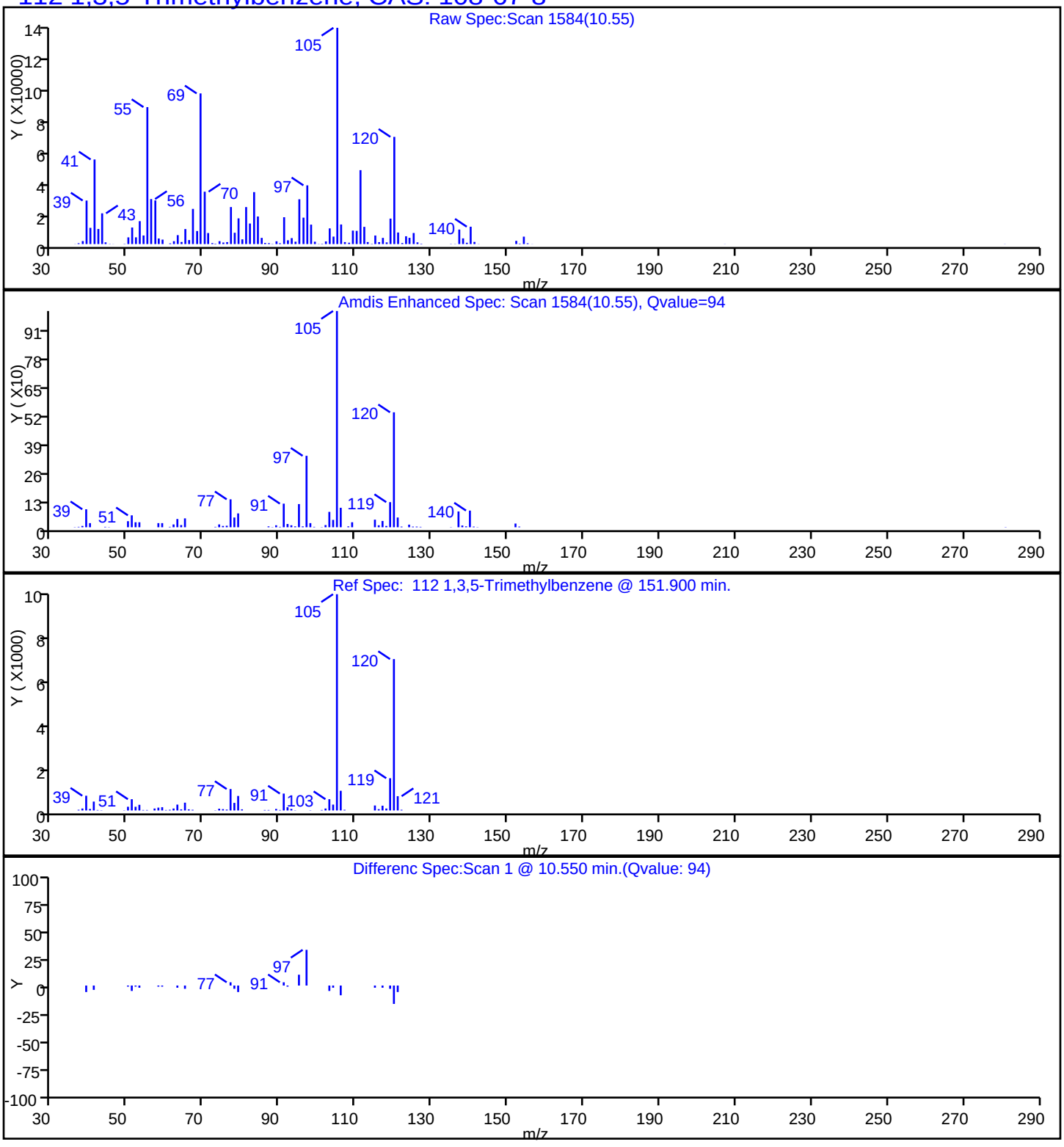
Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

112 1,3,5-Trimethylbenzene, CAS: 108-67-8



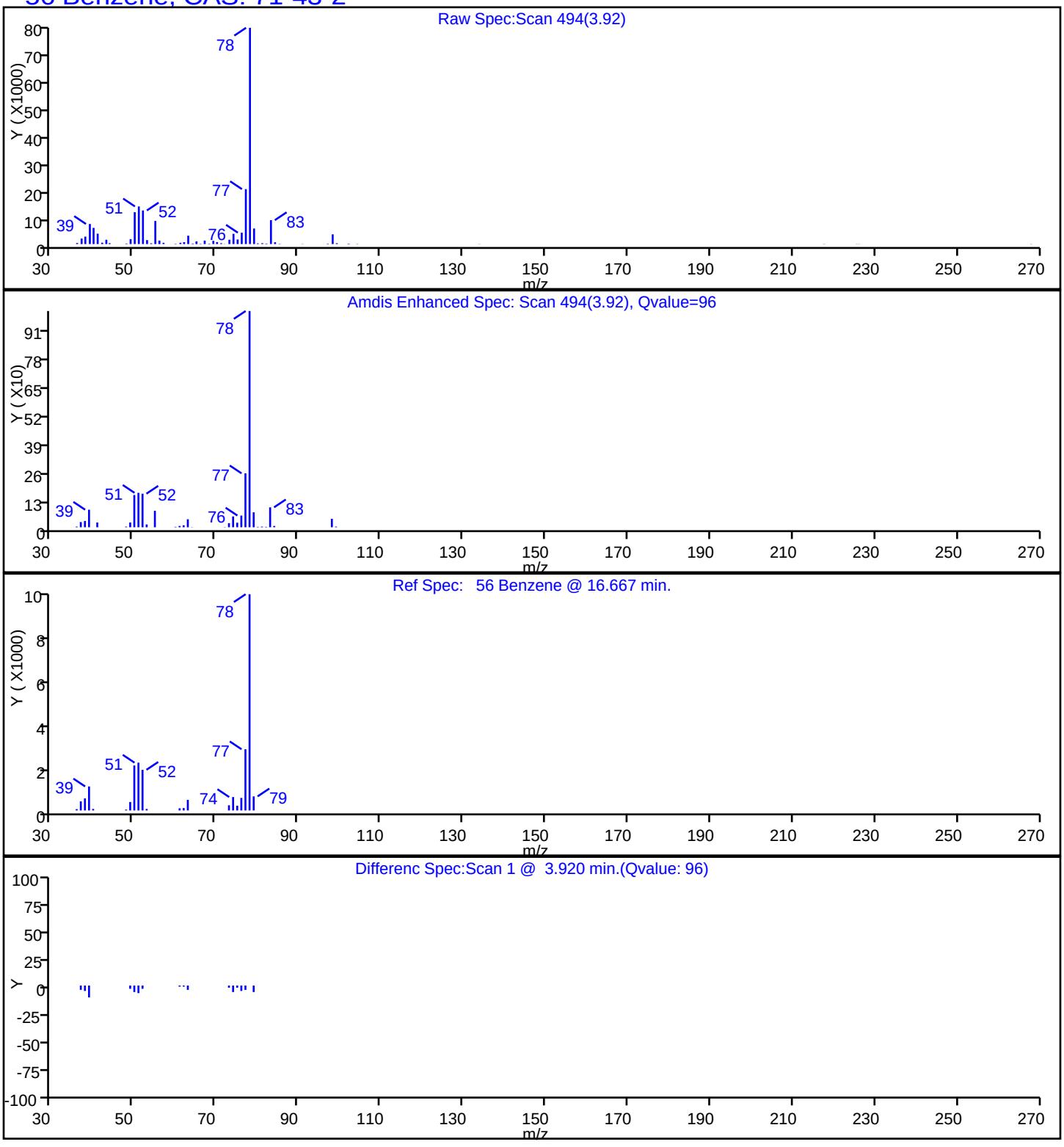
Report Date: 27-May-2015 11:20:13 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

56 Benzene, CAS: 71-43-2



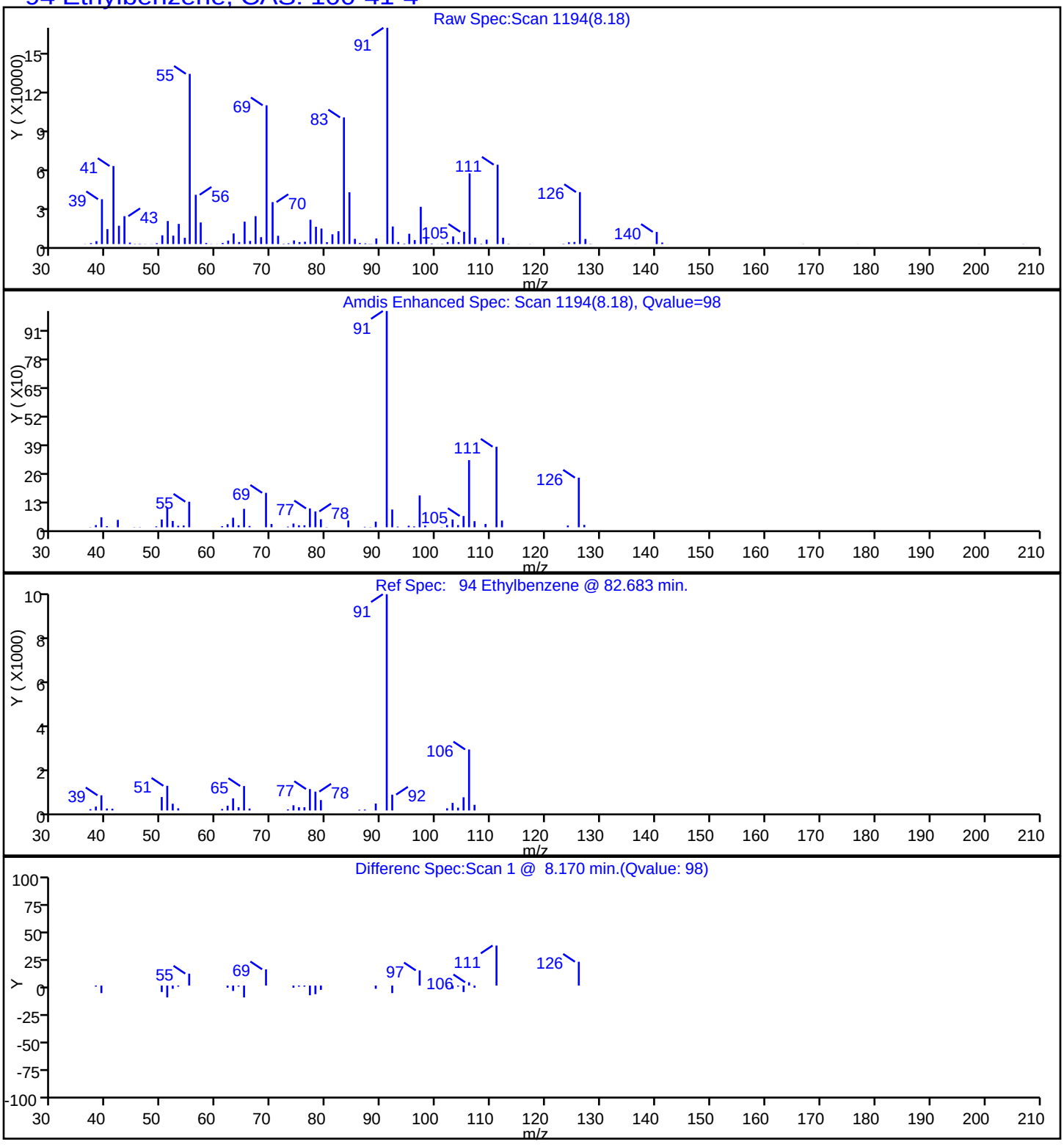
Report Date: 27-May-2015 11:20:13 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 Ethylbenzene, CAS: 100-41-4



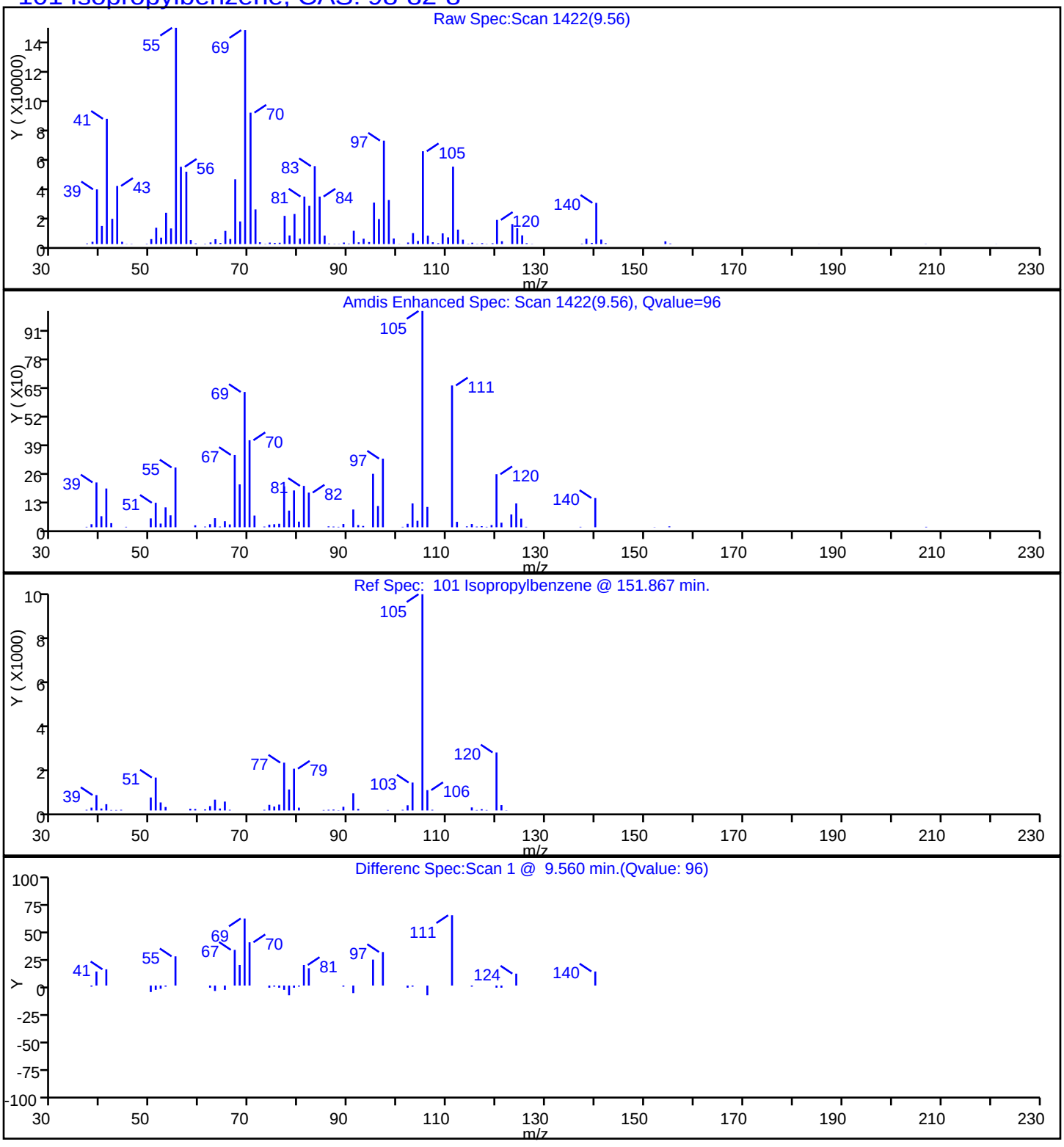
Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Isopropylbenzene, CAS: 98-82-8



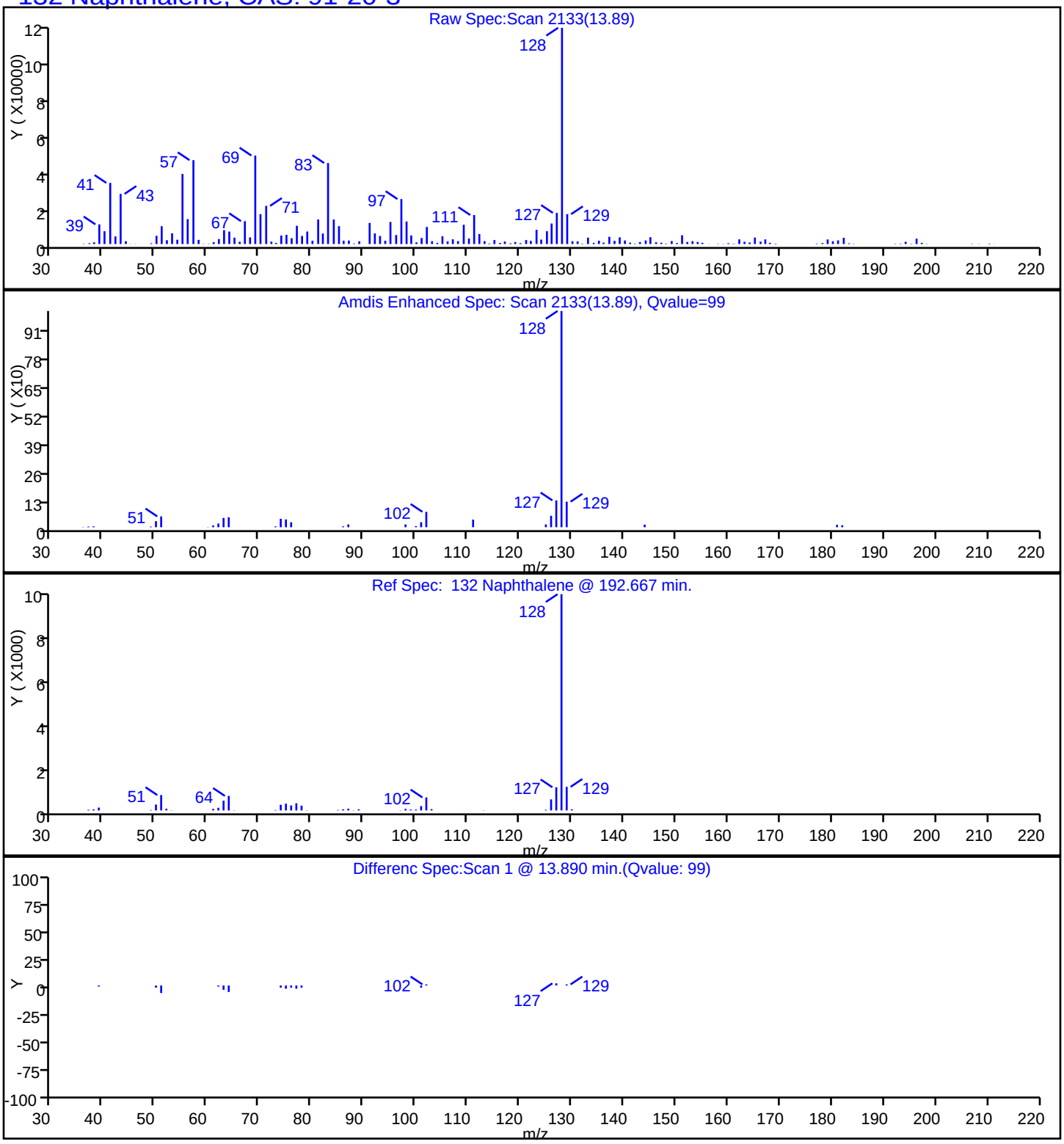
Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

132 Naphthalene, CAS: 91-20-3



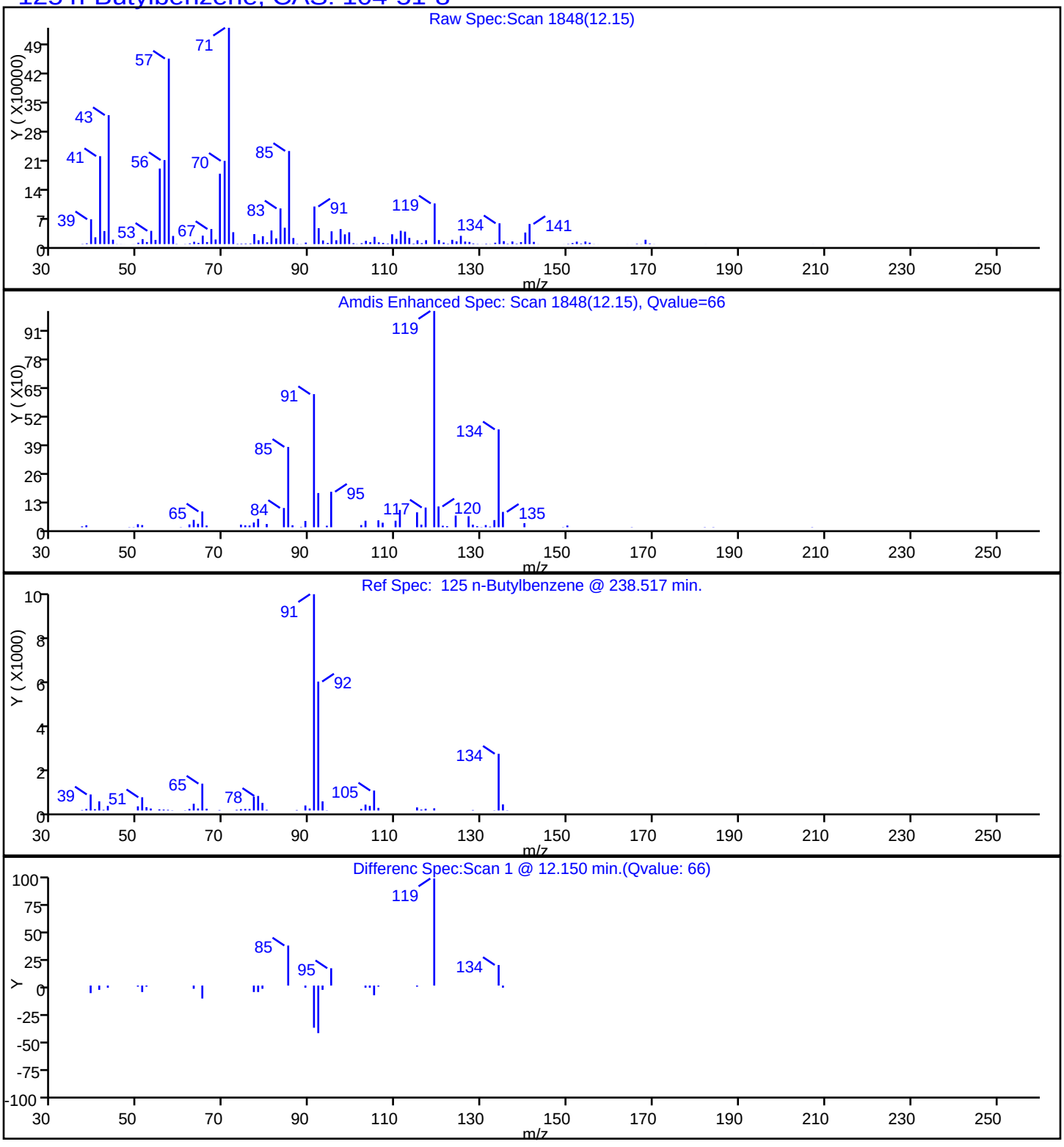
Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

125 n-Butylbenzene, CAS: 104-51-8

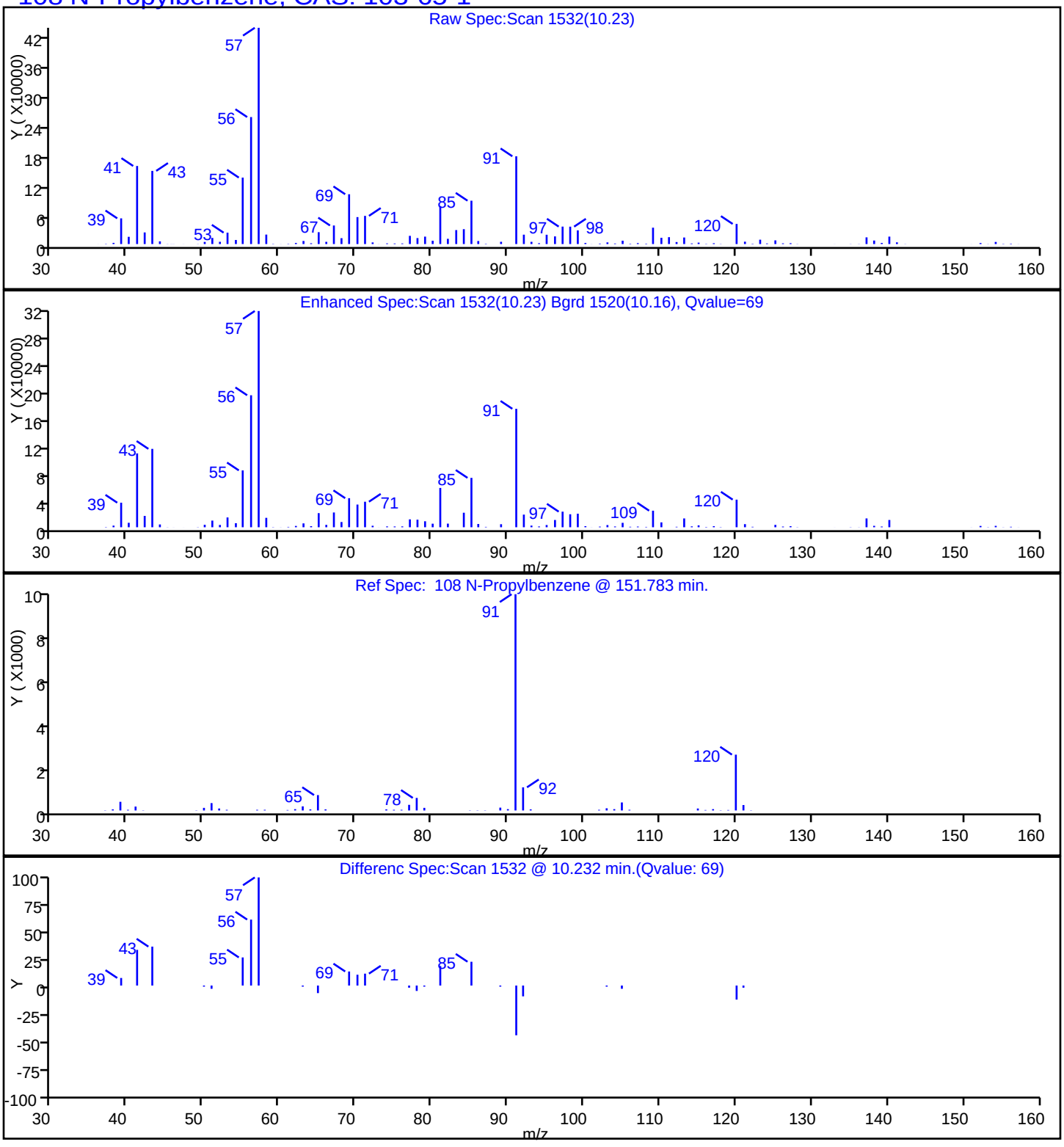


Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D				
Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

108 N-Propylbenzene, CAS: 103-65-1



Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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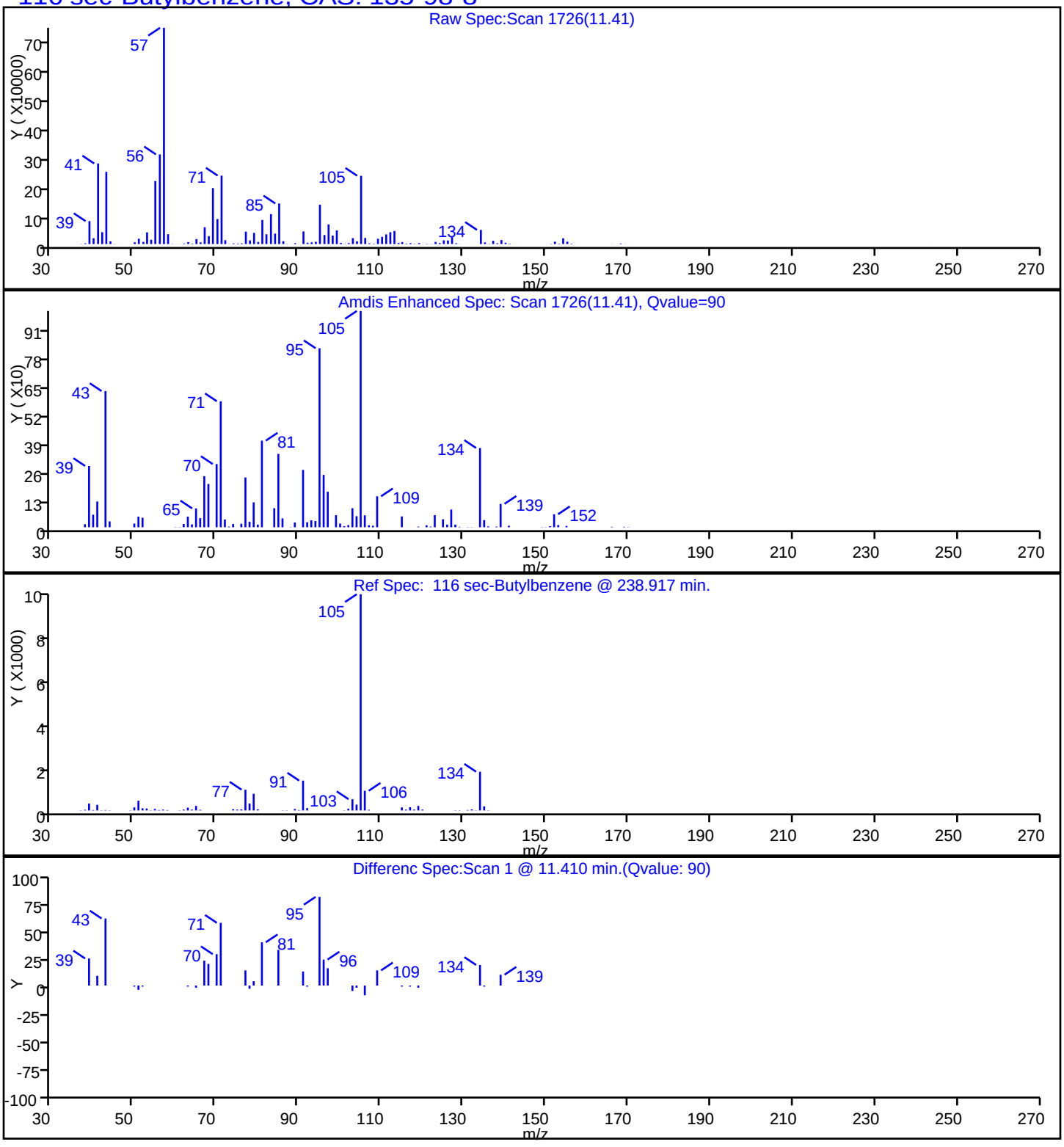
Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

116 sec-Butylbenzene, CAS: 135-98-8



Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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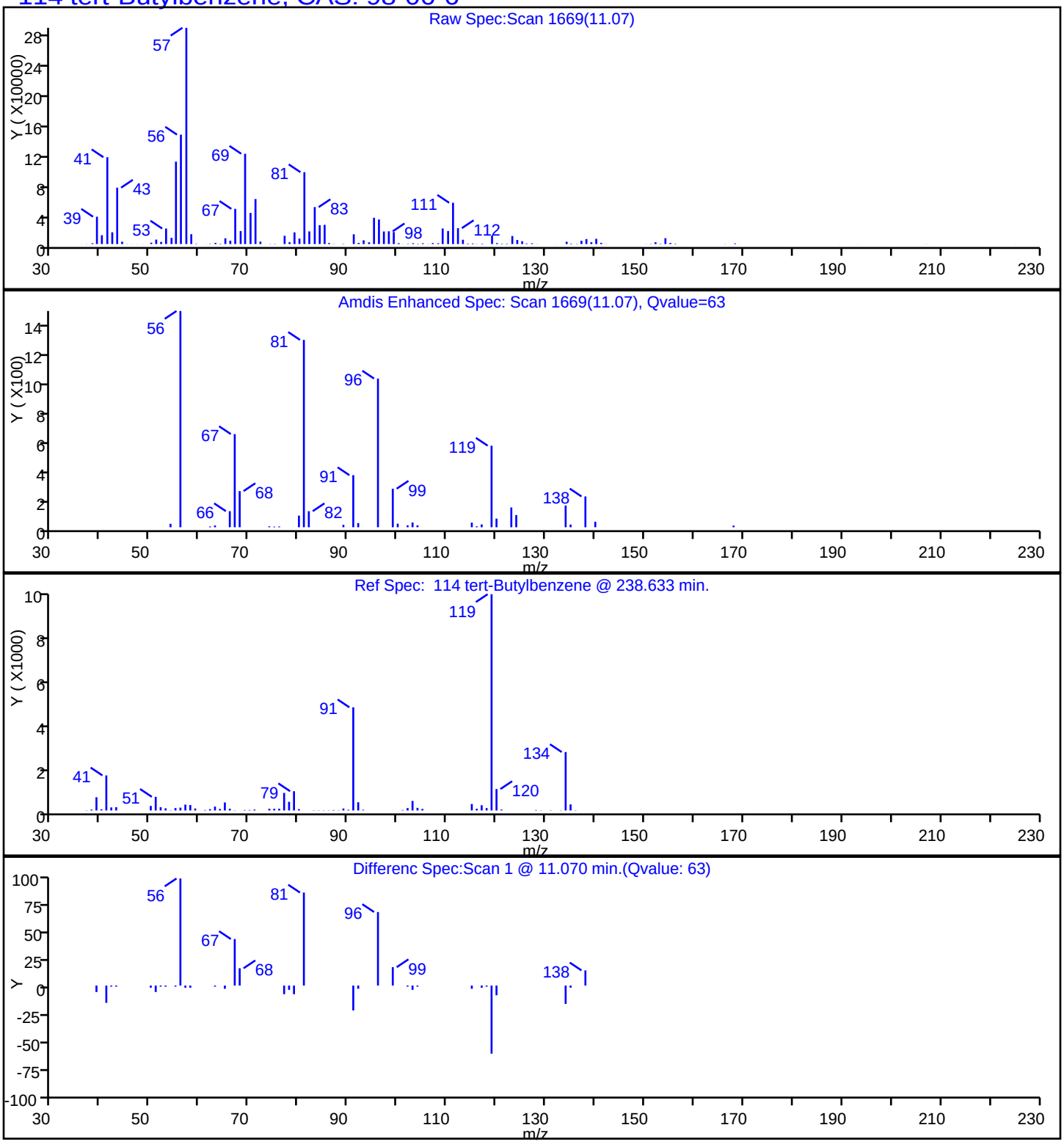
Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

114 tert-Butylbenzene, CAS: 98-06-6



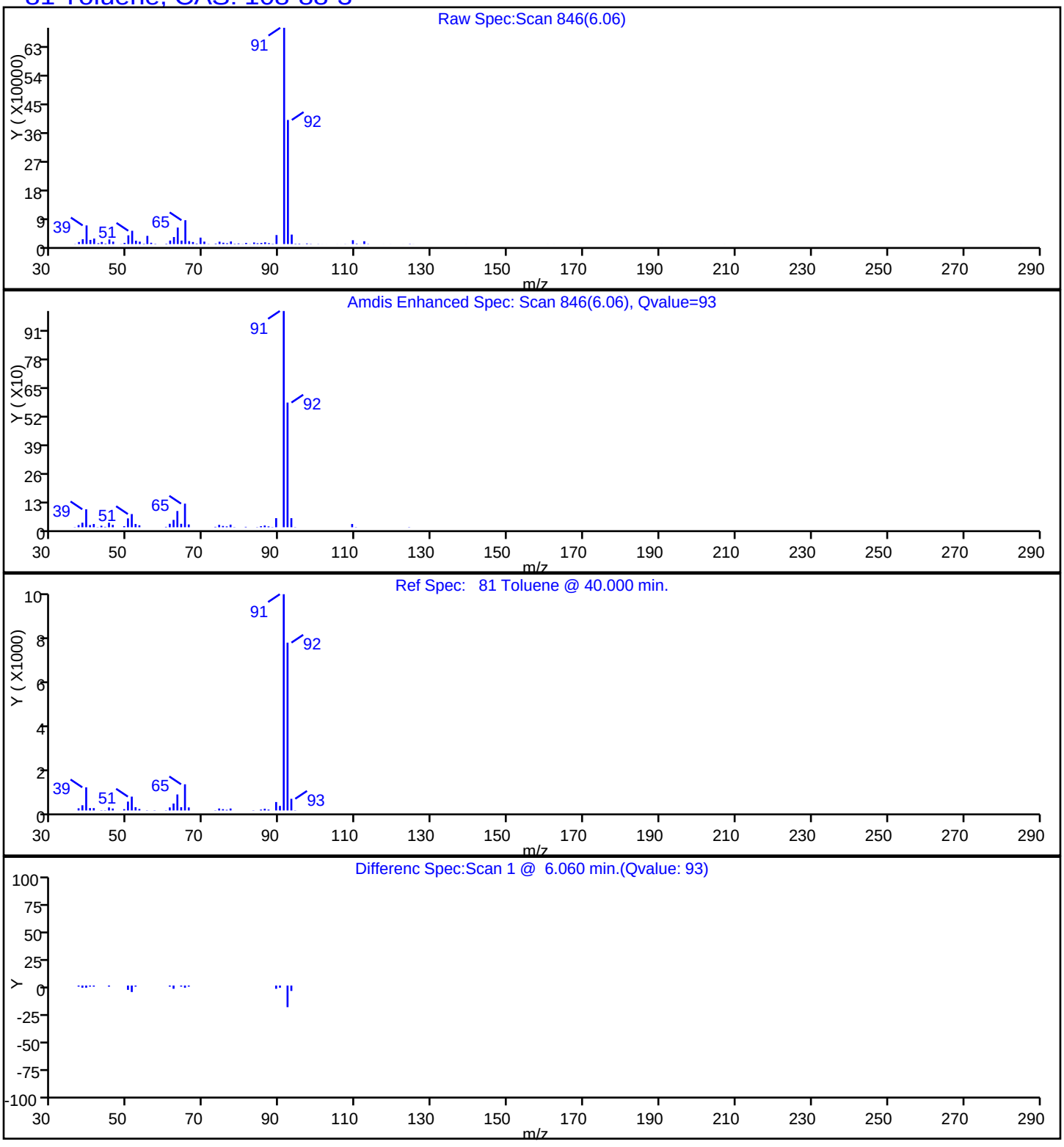
Report Date: 27-May-2015 11:20:13 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5
Client ID:	DUP 051915		
Operator ID:	VOA GC/MS12	ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Toluene, CAS: 108-88-3



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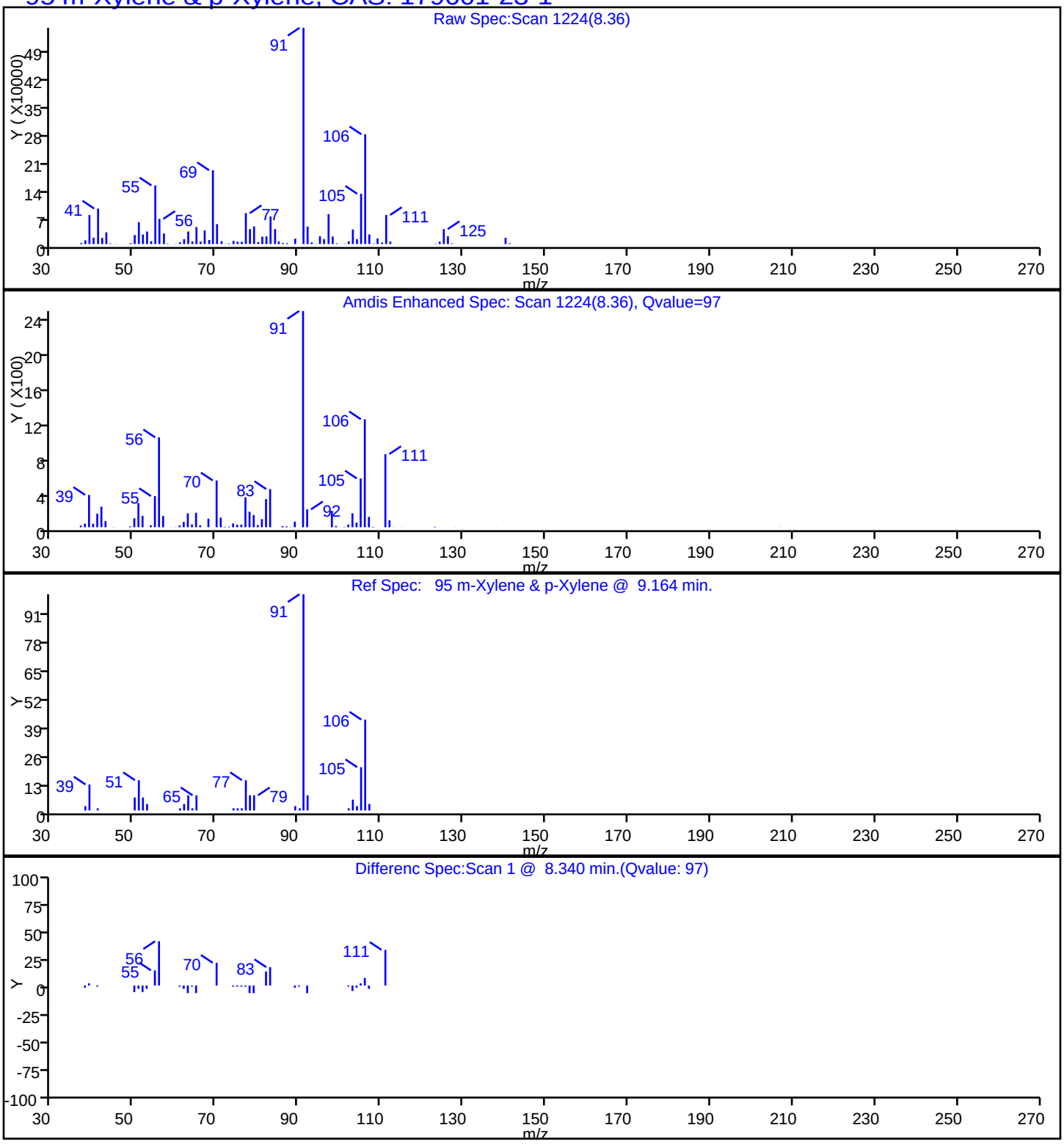
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D

Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1

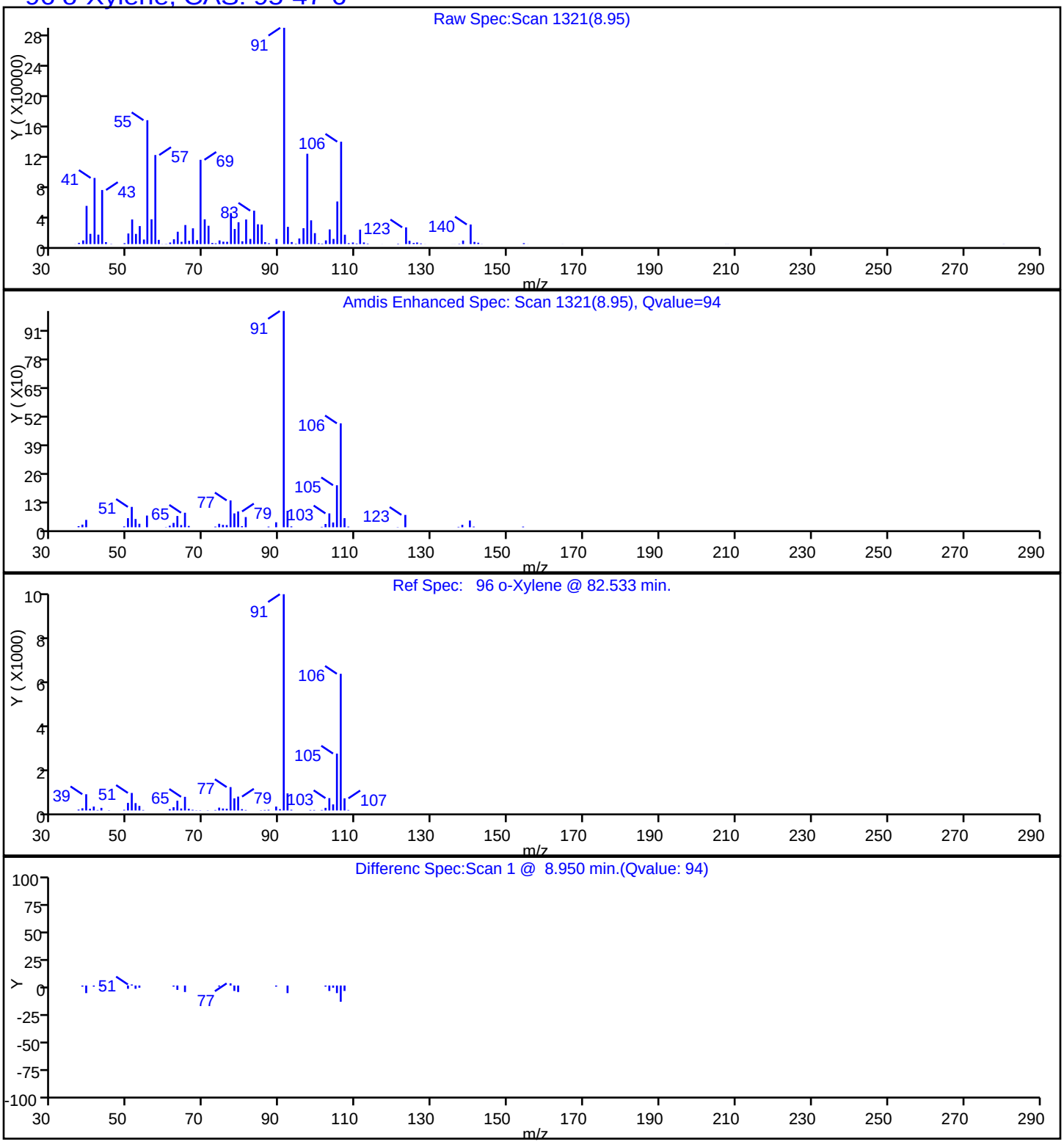


Report Date: 27-May-2015 11:20:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98853.D				
Injection Date:	27-May-2015 06:33:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:	VOA GC/MS12	ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-3 (20-22) | Lab Sample ID: 460-95181-6

Matrix: Solid | Lab File ID: O98852.D

Analysis Method: 8260C | Date Collected: 05/19/2015 14:20

Sample wt/vol: 4.41(g) | Date Analyzed: 05/27/2015 06:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.1 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	120		1.2	0.42
108-67-8	1,3,5-Trimethylbenzene	37		1.2	0.16
99-87-6	4-Isopropyltoluene	0.92	J	1.2	0.19
71-43-2	Benzene	0.83	J	1.2	0.25
100-41-4	Ethylbenzene	47		1.2	0.22
98-82-8	Isopropylbenzene	7.3		1.2	0.21
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.21
91-20-3	Naphthalene	13		1.2	0.15
104-51-8	n-Butylbenzene	5.4		1.2	0.26
103-65-1	N-Propylbenzene	23		1.2	0.22
135-98-8	sec-Butylbenzene	1.6		1.2	0.21
98-06-6	tert-Butylbenzene	1.2	U	1.2	0.42
108-88-3	Toluene	0.63	J	1.2	0.24
1330-20-7	Xylenes, Total	110		2.5	0.14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene	119		70-130
1868-53-7	Dibromofluoromethane (Surr)	93		70-130
2037-26-5	Toluene-d8 (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D
Lims ID: 460-95181-C-6-A Lab Sample ID: 460-95181-6
Client ID: SB-3 (20-22)
Sample Type: Client
Inject. Date: 27-May-2015 06:08:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95181-C-6-A
Misc. Info.: 460-0027822-022
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:18:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: desais Date: 27-May-2015 11:03:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	148988	1000.0	
* 157 2-Butanone-d5	46	3.109	3.114	-0.005	99	110801	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	97	113406	46.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	93791	44.7	
56 Benzene	78	3.918	3.918	0.000	96	9072	0.6646	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	395417	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	96	12189	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	464722	49.2	
81 Toluene	91	6.059	6.059	0.000	94	6929	0.5046	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	356591	50.0	
94 Ethylbenzene	106	8.170	8.164	0.006	98	187200	37.3	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	96	498681	84.5	
96 o-Xylene	106	8.943	8.943	0.000	93	5200	0.9228	
101 Isopropylbenzene	105	9.557	9.557	0.000	96	89182	5.83	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	96	194133	59.5	
108 N-Propylbenzene	91	10.220	10.226	-0.006	99	319075	18.1	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	351190	29.8	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	97	1178217	97.3	
116 sec-Butylbenzene	105	11.407	11.406	0.001	97	21638	1.28	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	199005	50.0	
120 4-Isopropyltoluene	119	11.638	11.631	0.007	96	10826	0.7338	
125 n-Butylbenzene	91	12.149	12.149	0.000	60	67664	4.31	
132 Naphthalene	128	13.889	13.888	0.001	99	81986	10.3	
S 135 Xylenes, Total	100				0		85.4	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

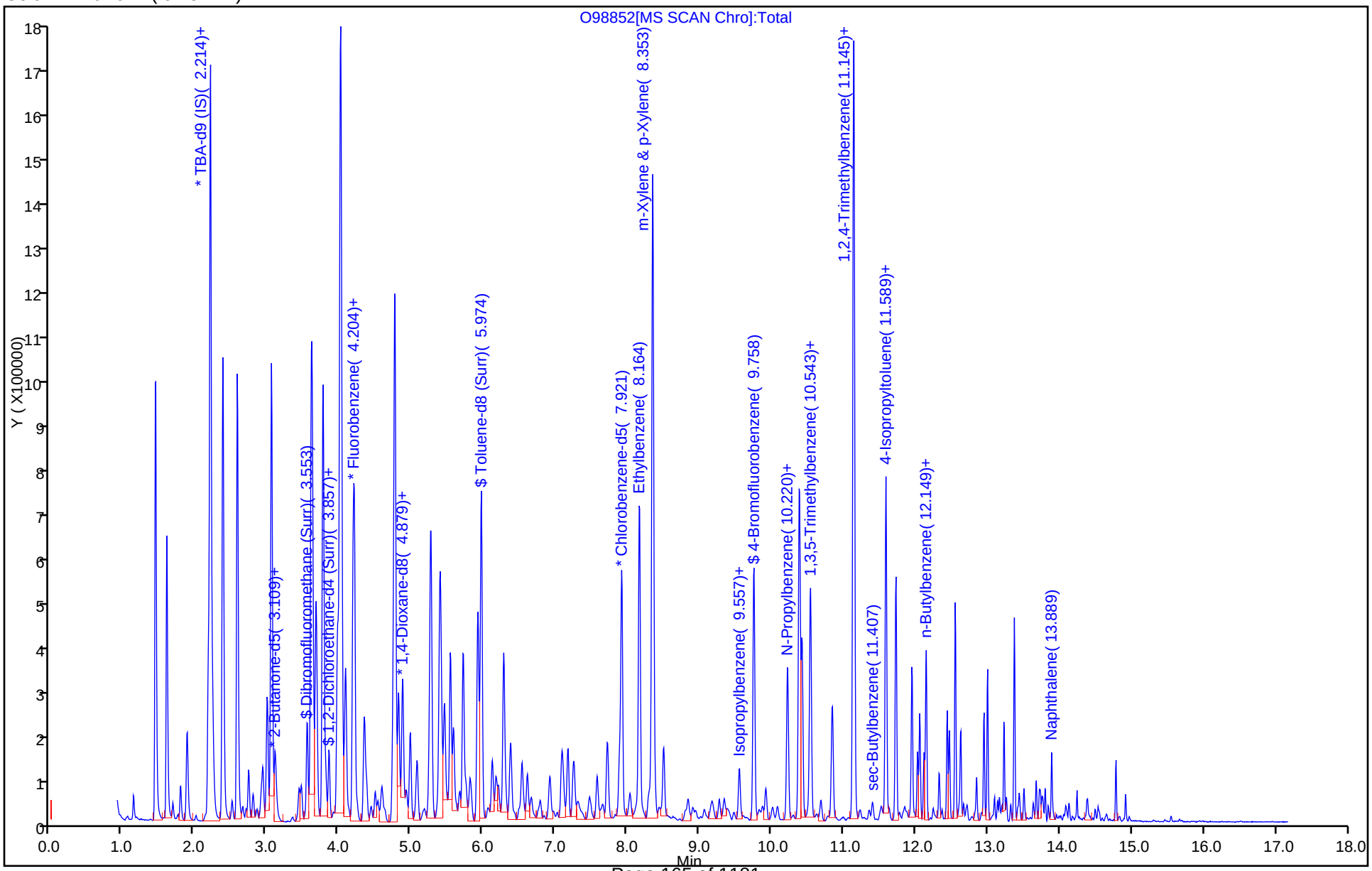
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6	Worklist Smp#:	22
Client ID:	SB-3 (20-22)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



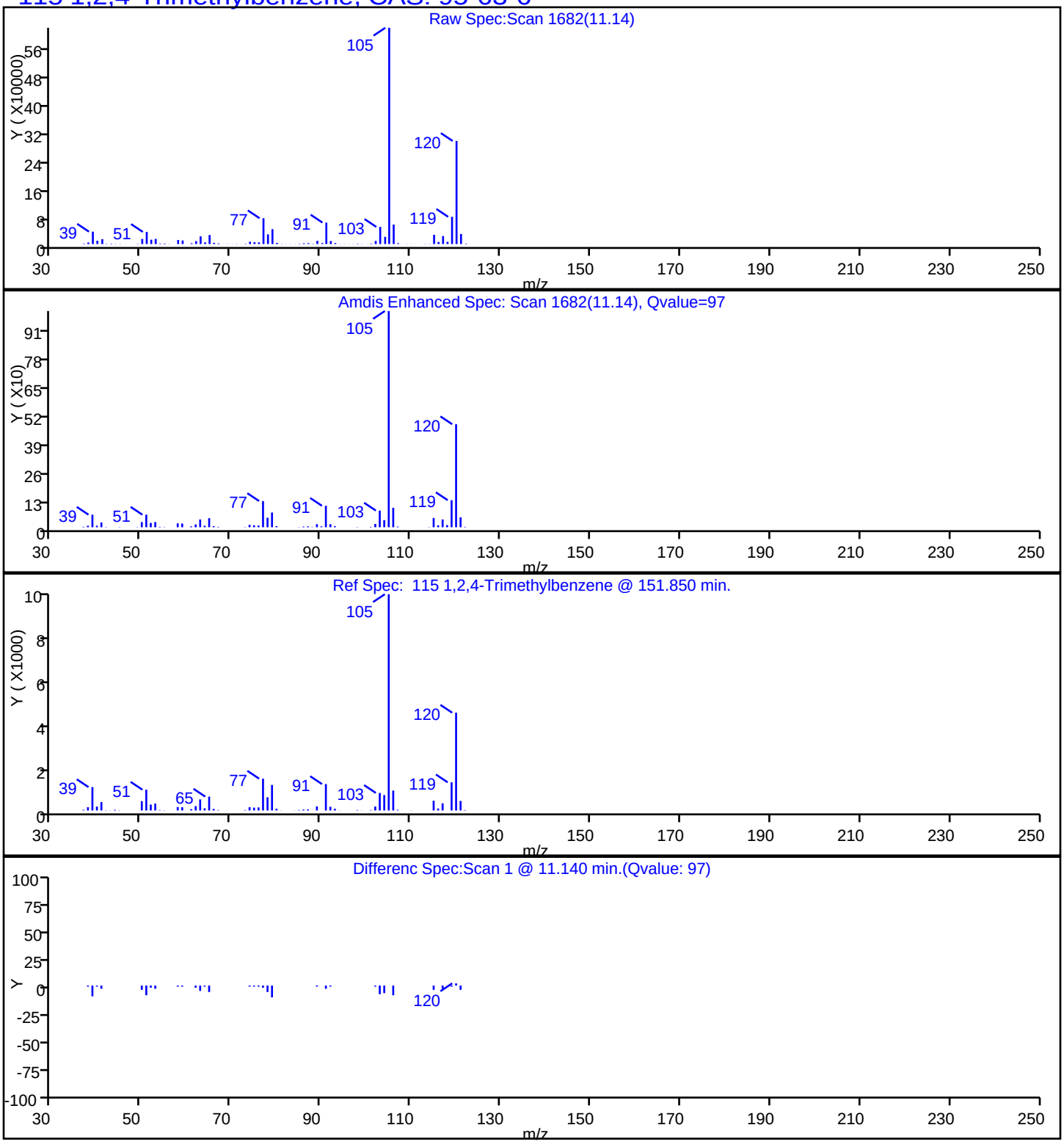
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



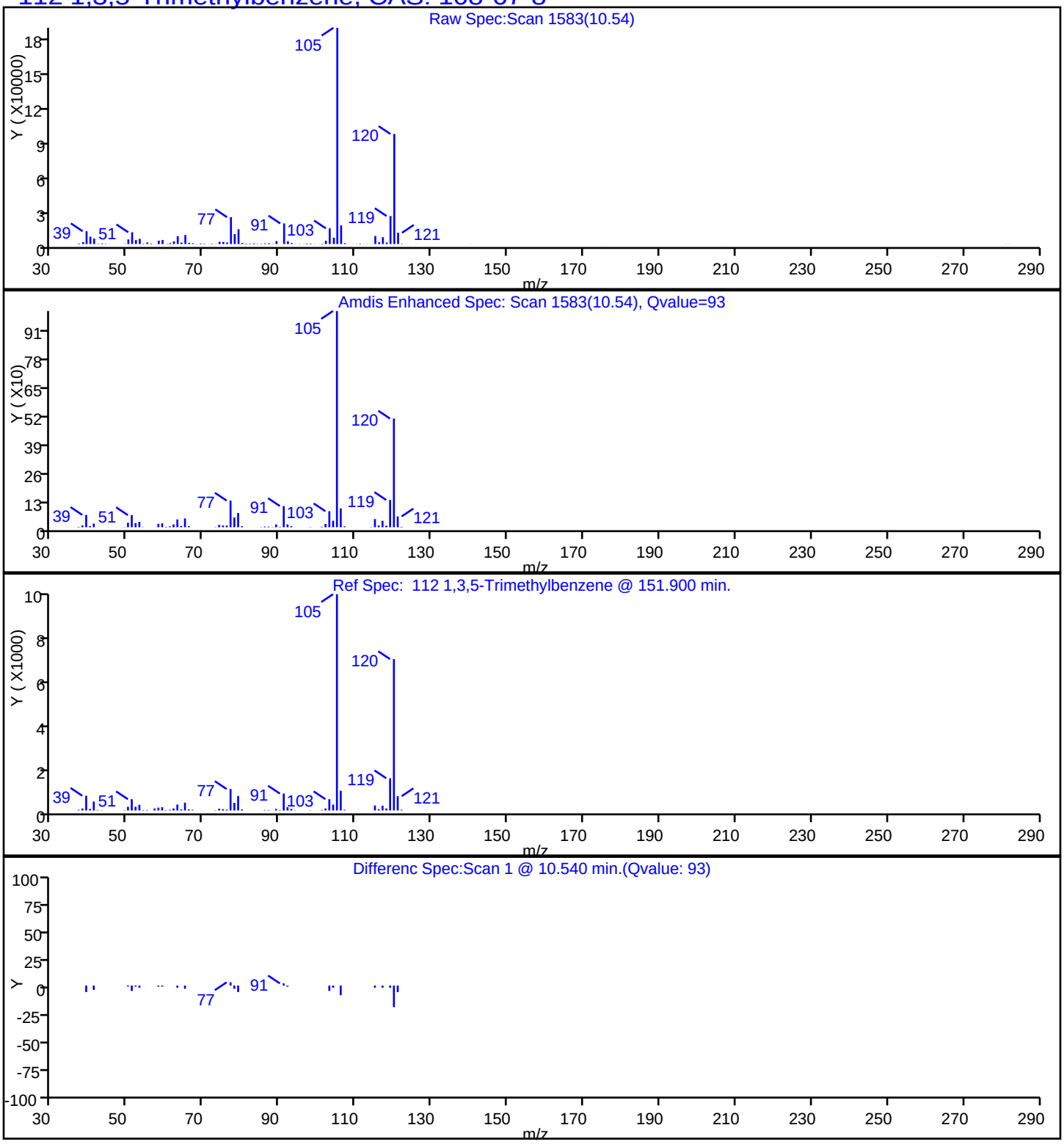
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

112 1,3,5-Trimethylbenzene, CAS: 108-67-8



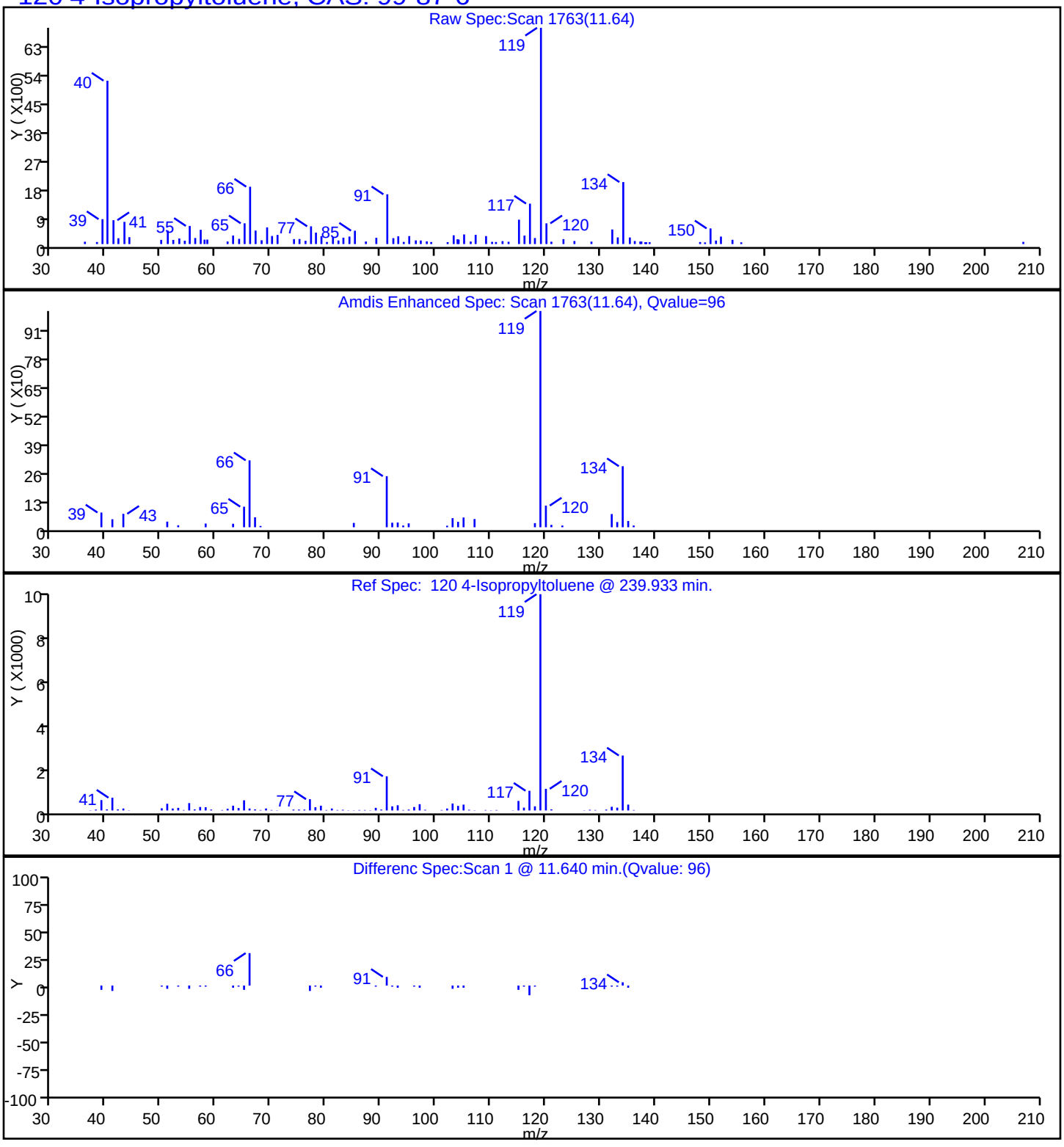
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 4-Isopropyltoluene, CAS: 99-87-6



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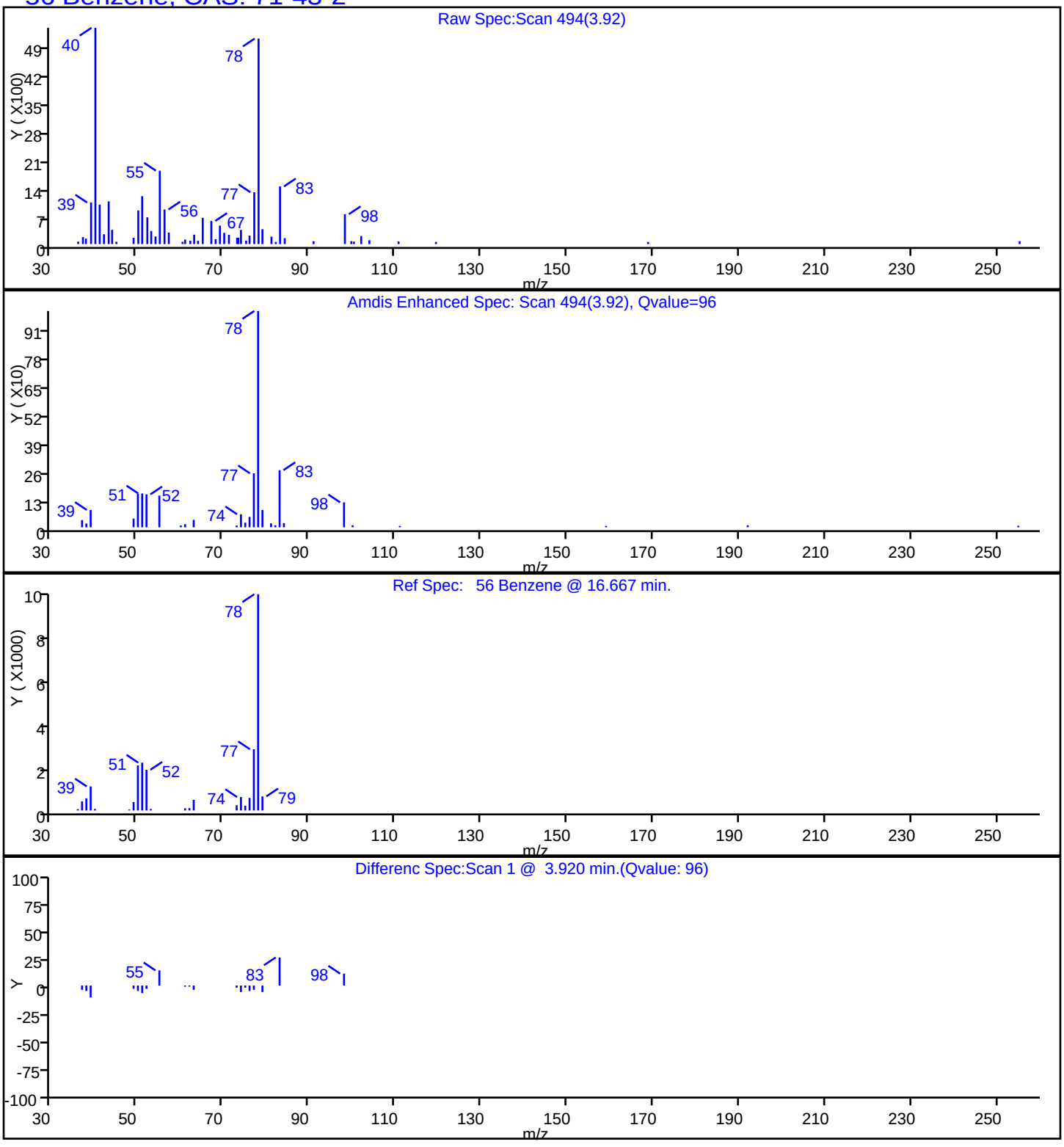
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

56 Benzene, CAS: 71-43-2



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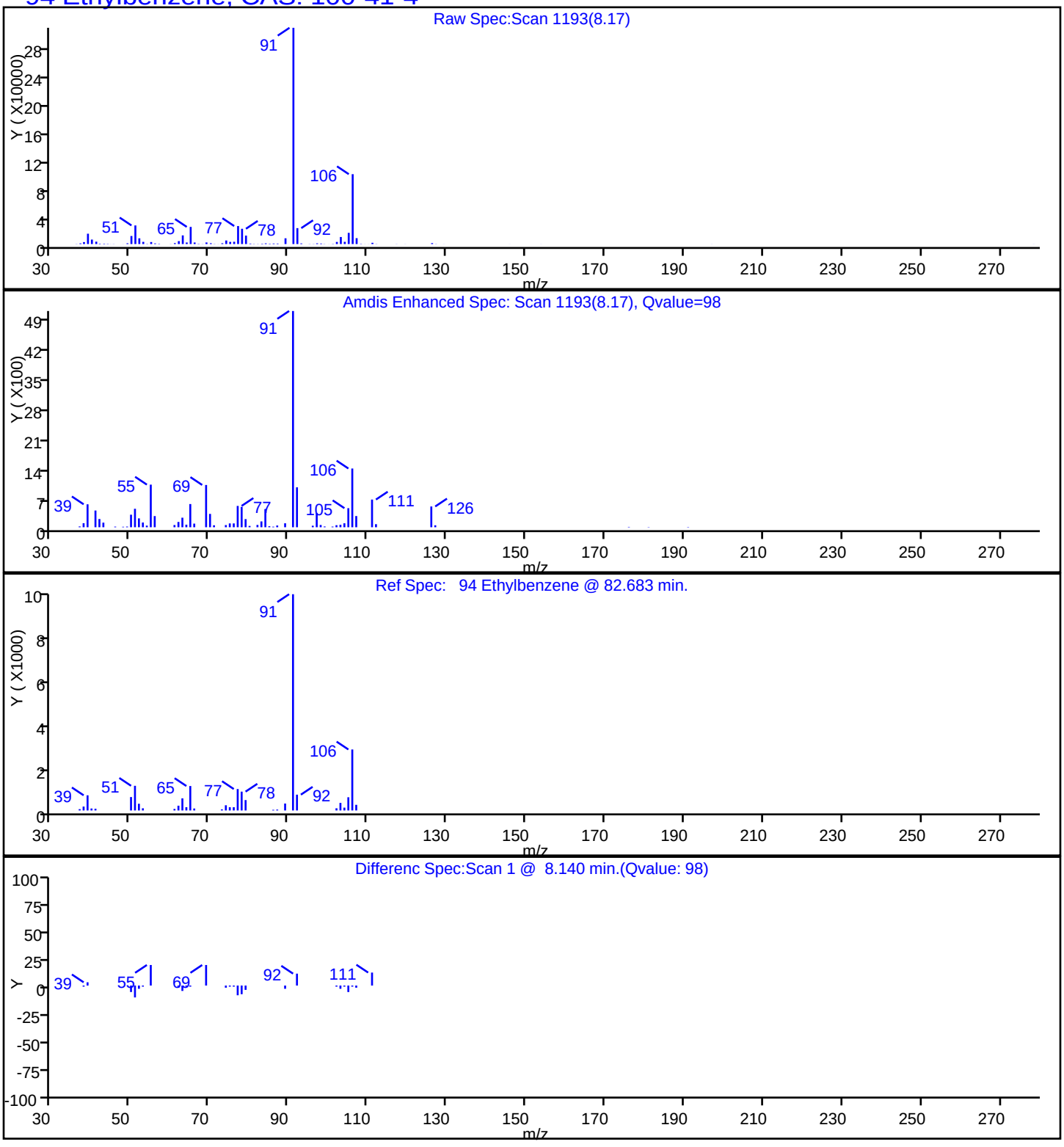
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 Ethylbenzene, CAS: 100-41-4



Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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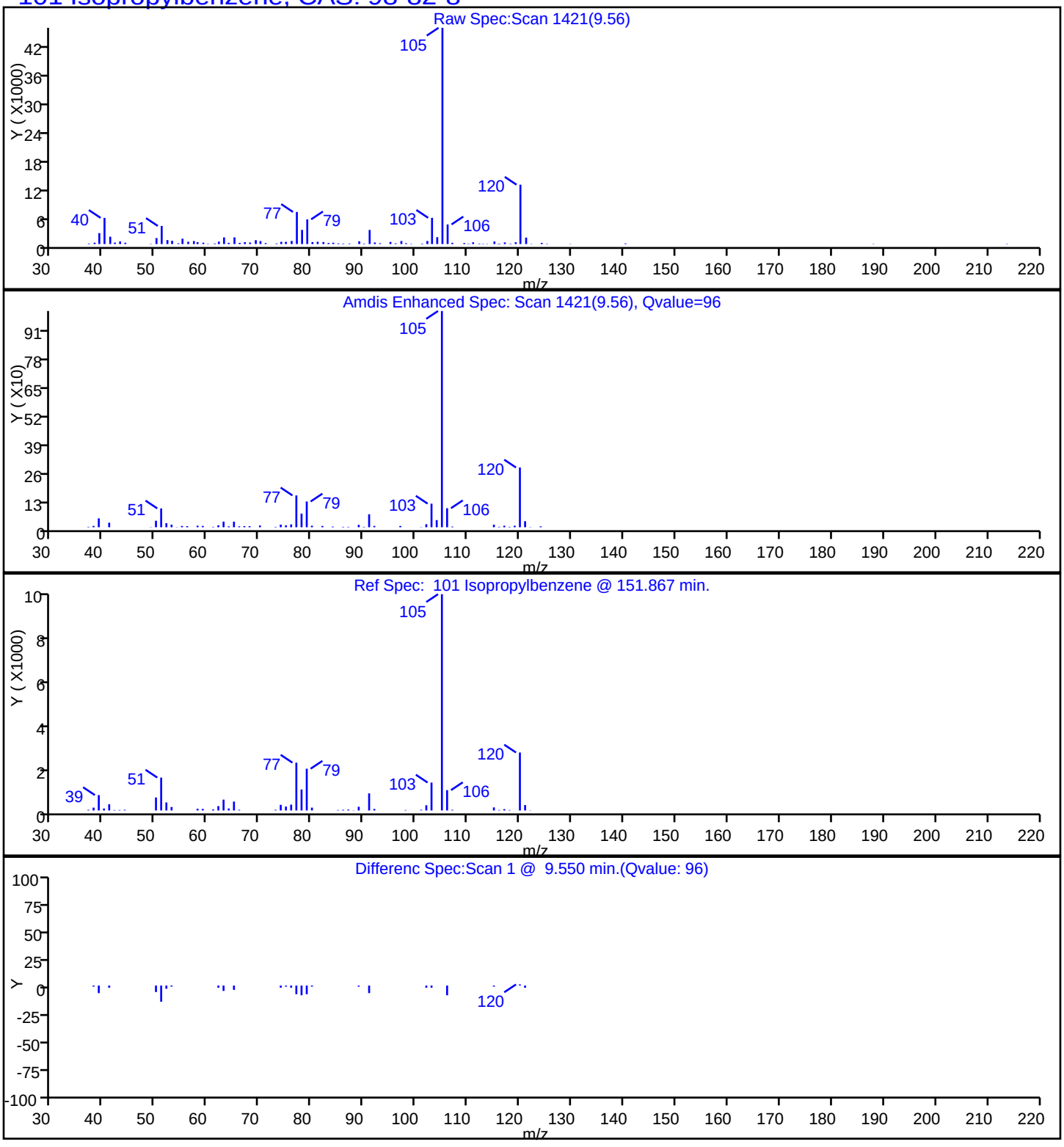
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Isopropylbenzene, CAS: 98-82-8



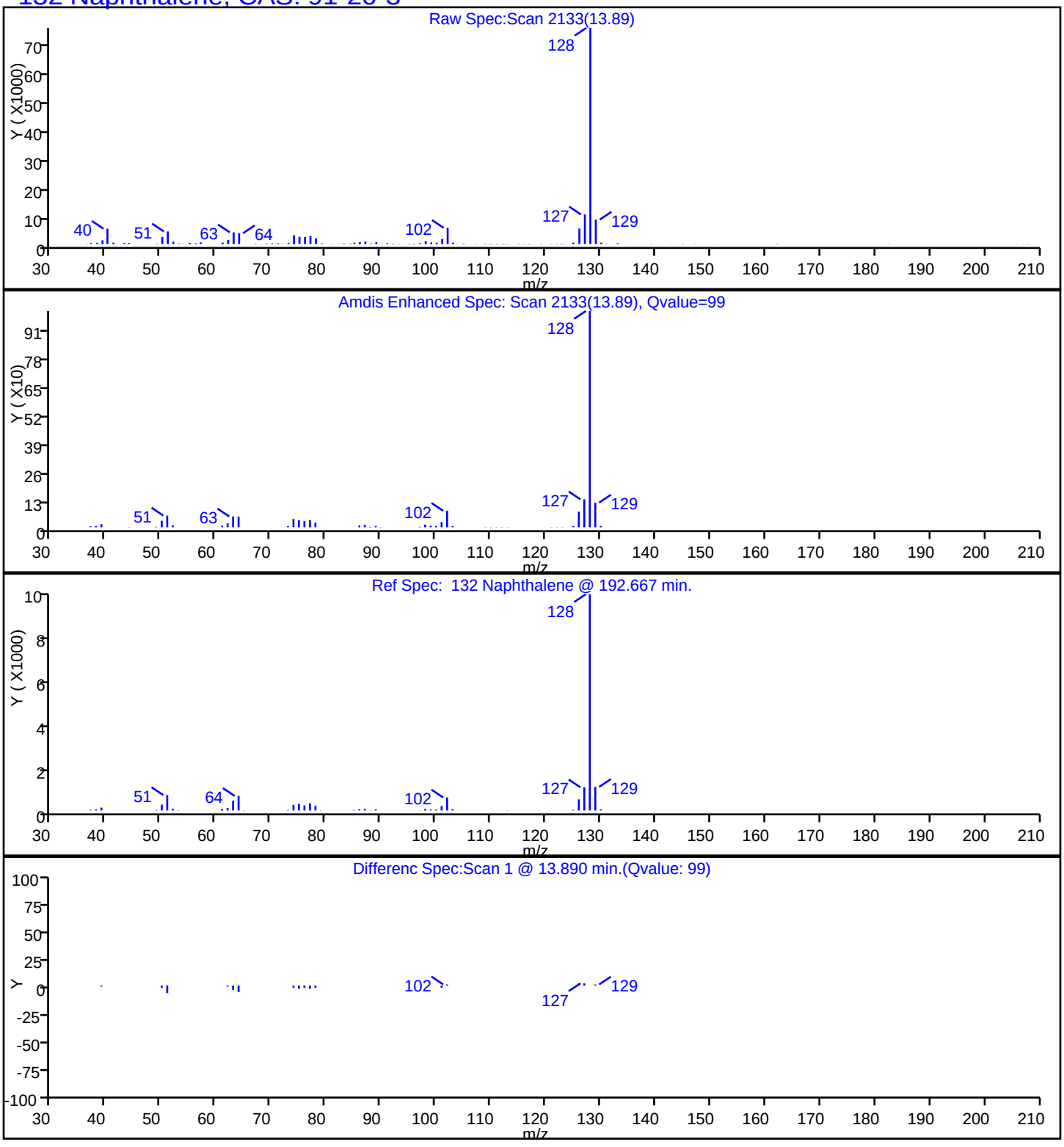
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

132 Naphthalene, CAS: 91-20-3



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TestAmerica Edison

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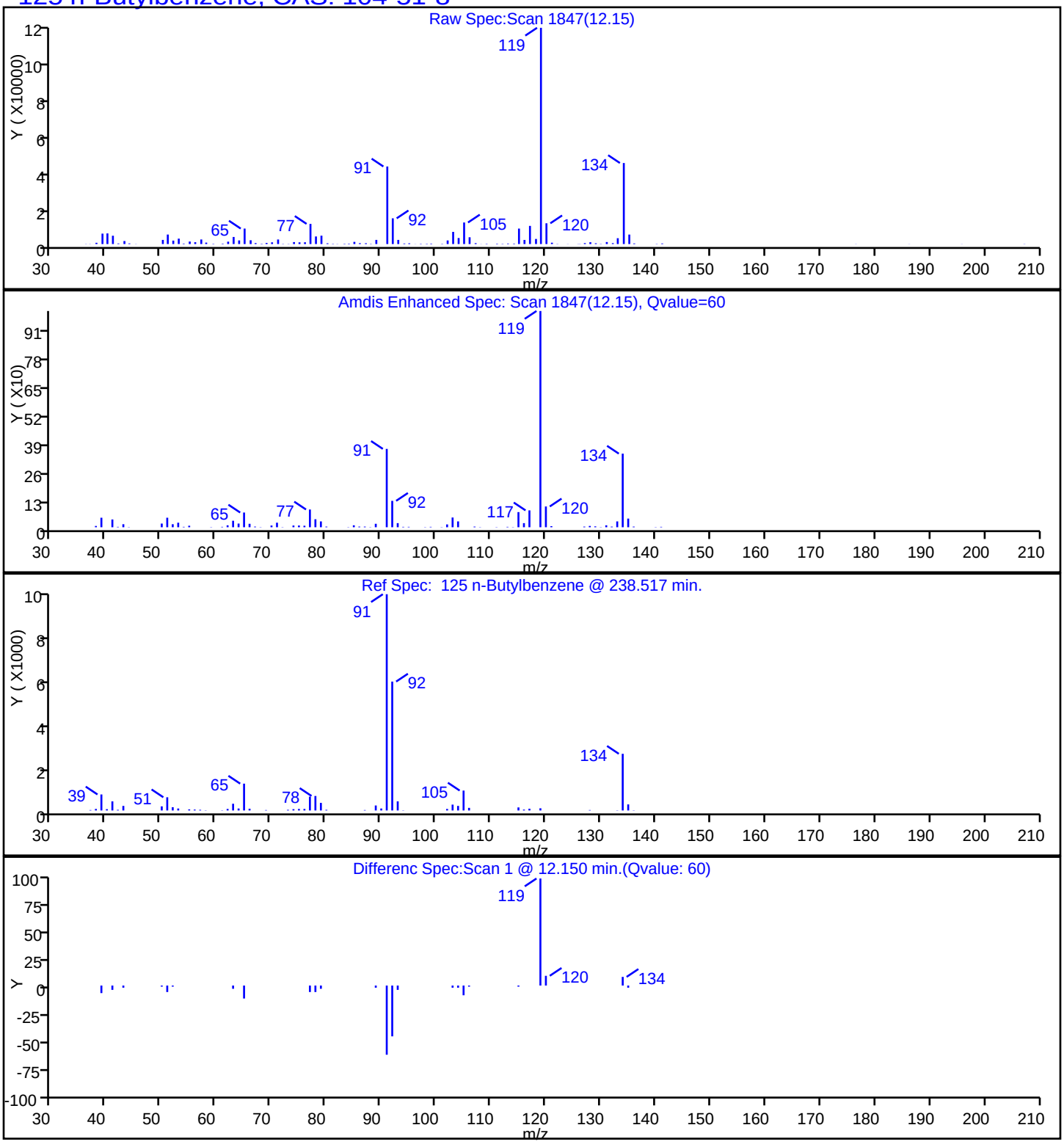
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

125 n-Butylbenzene, CAS: 104-51-8



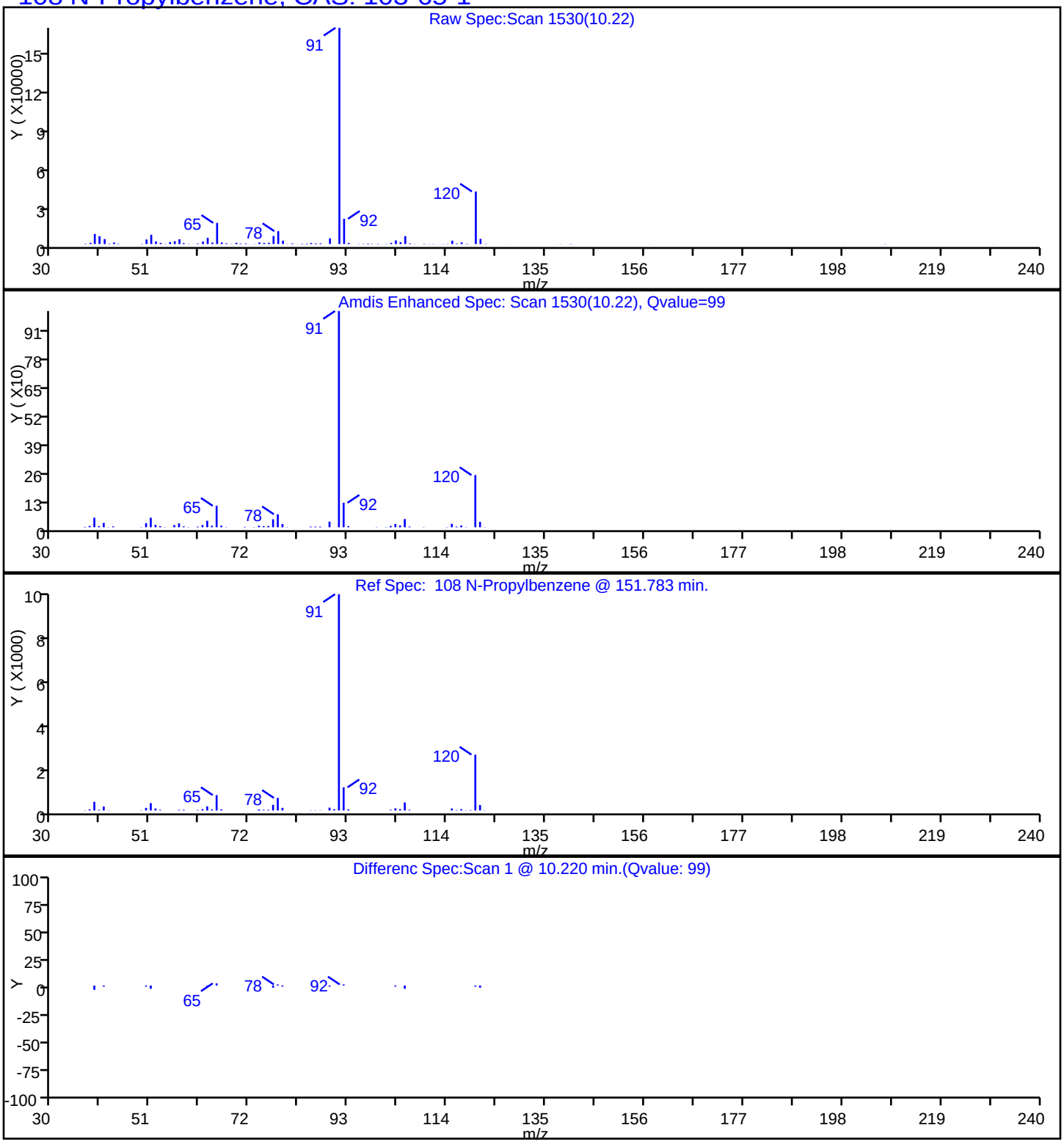
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

108 N-Propylbenzene, CAS: 103-65-1



Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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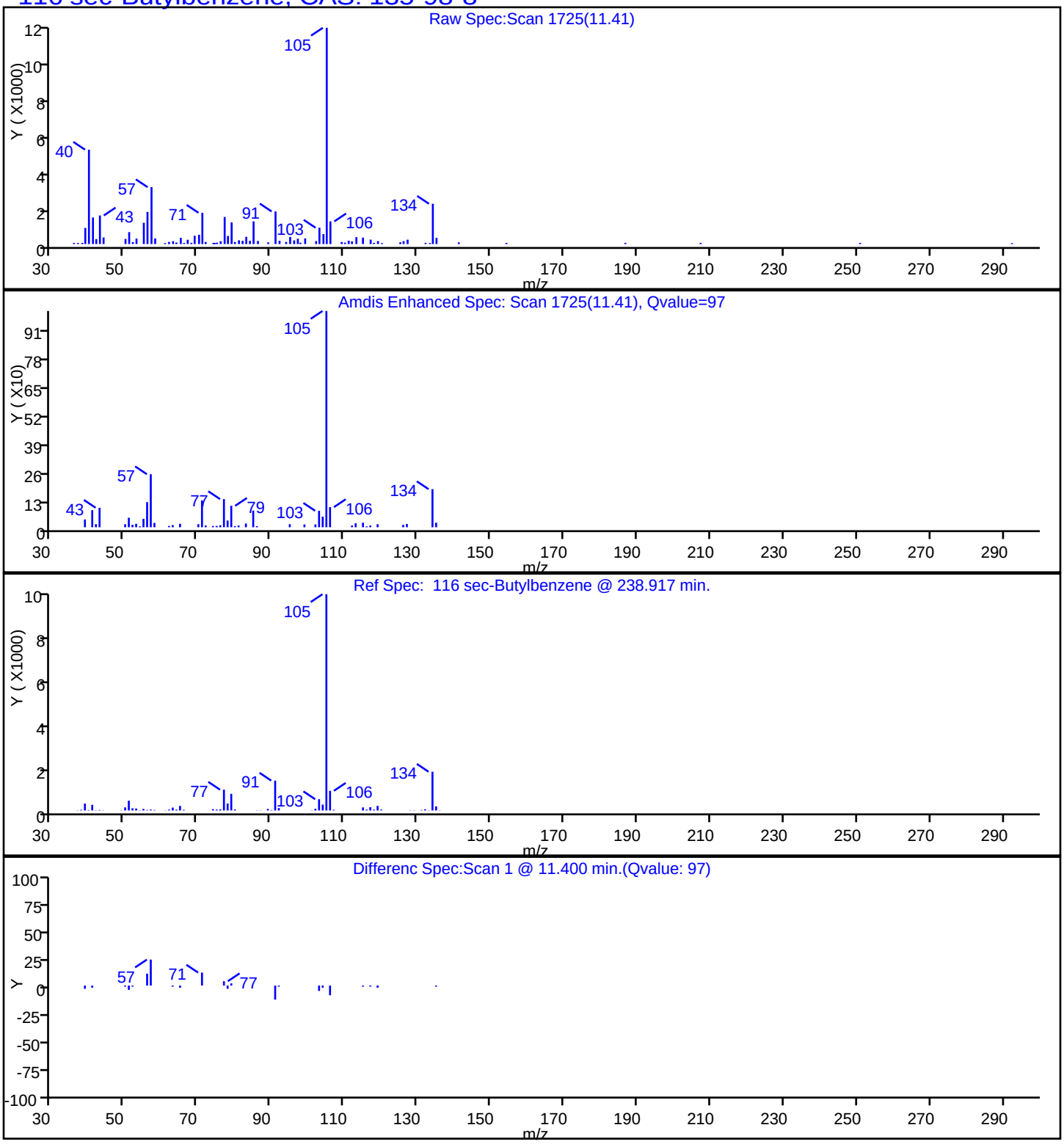
Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

116 sec-Butylbenzene, CAS: 135-98-8



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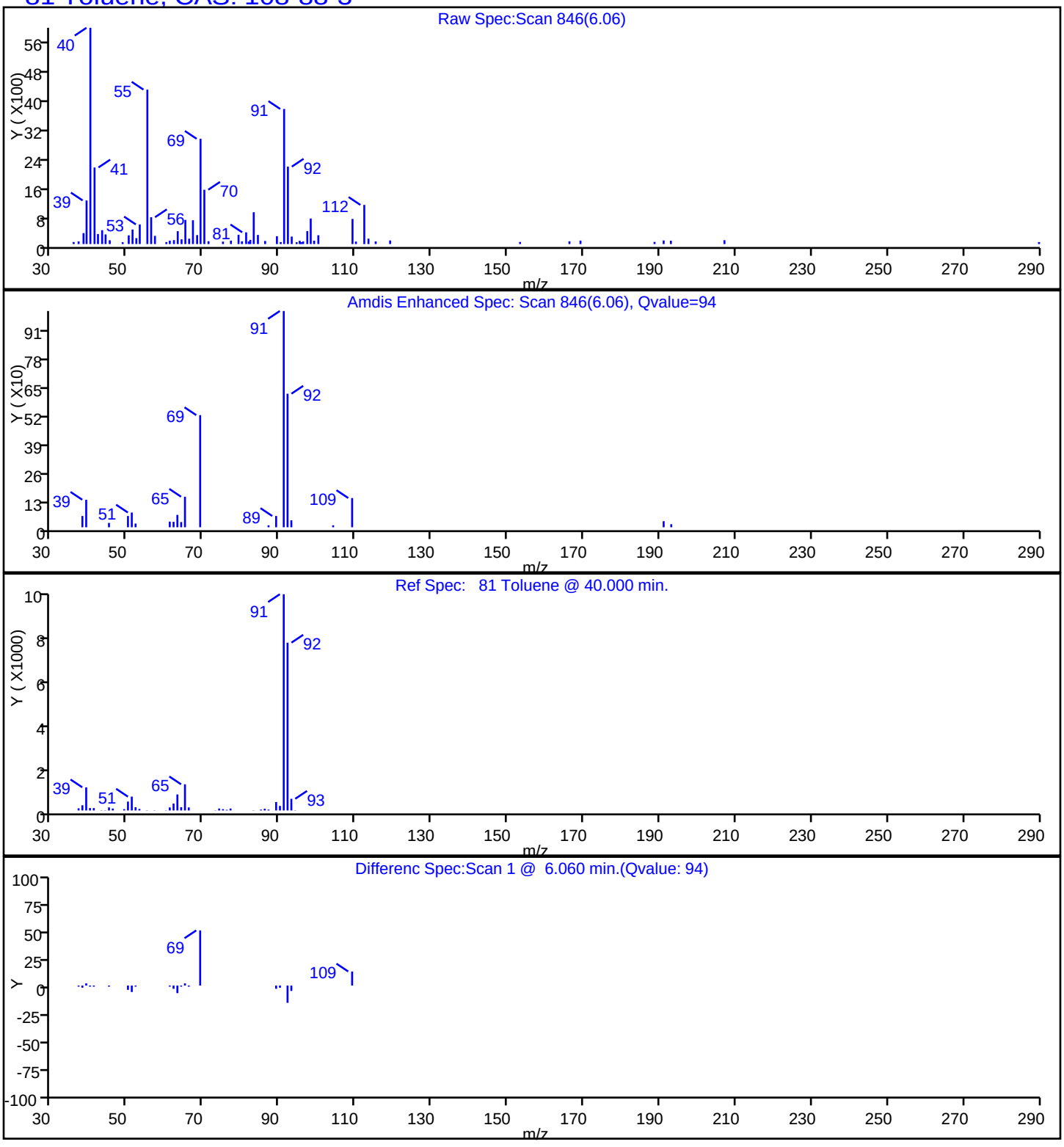
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

81 Toluene, CAS: 108-88-3



Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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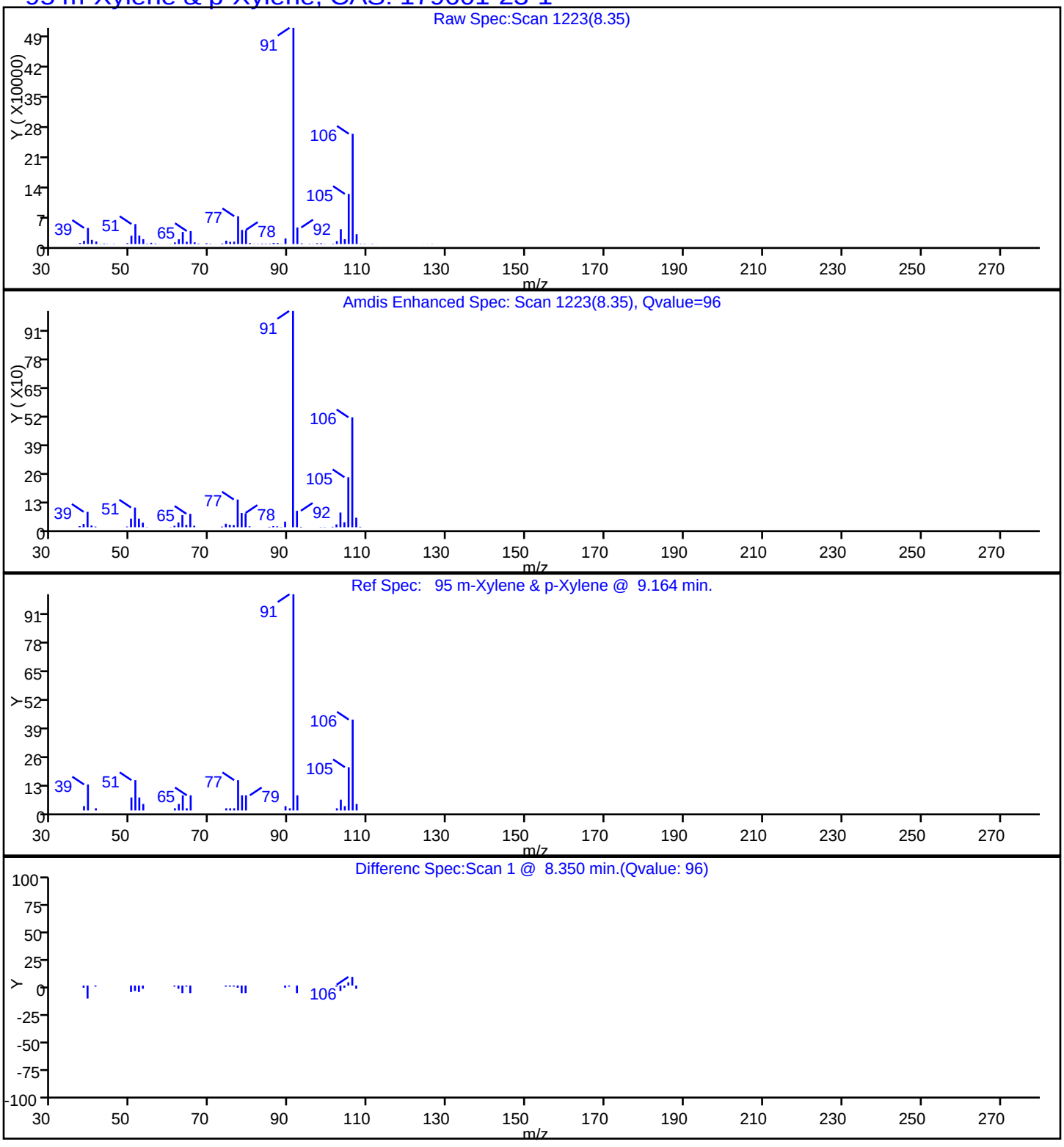
Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



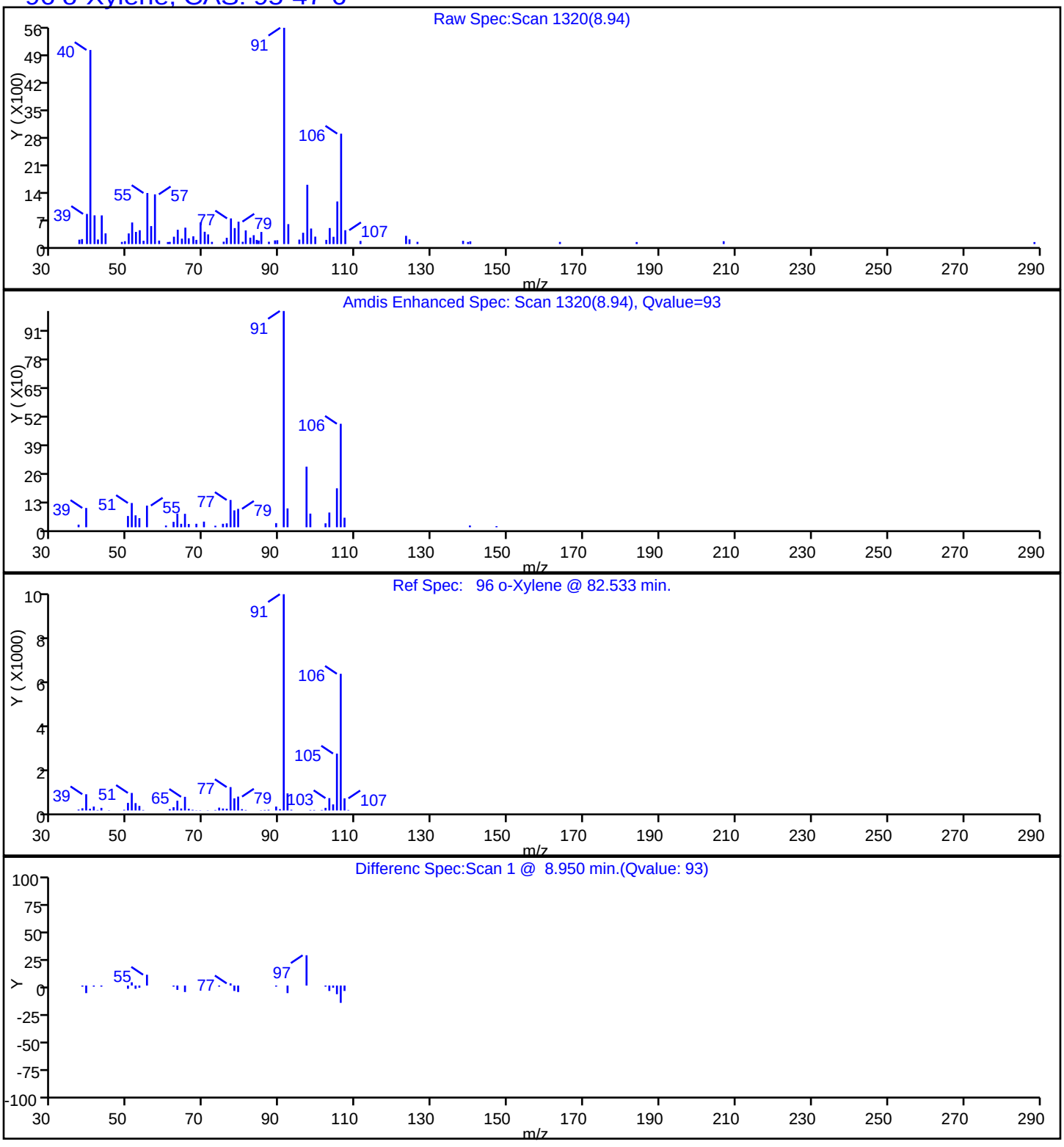
Report Date: 27-May-2015 13:18:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98852.D

Injection Date:	27-May-2015 06:08:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-6 (15-17) | Lab Sample ID: 460-95181-7

Matrix: Solid | Lab File ID: O98851.D

Analysis Method: 8260C | Date Collected: 05/20/2015 13:00

Sample wt/vol: 5.79(g) | Date Analyzed: 05/27/2015 05:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.0 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.35
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.14
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.16
71-43-2	Benzene	0.39	J	1.0	0.21
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.18
1634-04-4	Methyl tert-butyl ether	1.5		1.0	0.18
91-20-3	Naphthalene	1.0	U	1.0	0.12
104-51-8	n-Butylbenzene	1.0	U	1.0	0.22
103-65-1	N-Propylbenzene	1.0	U	1.0	0.19
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.35
108-88-3	Toluene	1.0	U	1.0	0.20
1330-20-7	Xylenes, Total	2.1	U	2.1	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
460-00-4	4-Bromofluorobenzene	110		70-130
1868-53-7	Dibromofluoromethane (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	94		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98851.D
Lims ID: 460-95181-C-7-A Lab Sample ID: 460-95181-7
Client ID: SB-6 (15-17)
Sample Type: Client
Inject. Date: 27-May-2015 05:42:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95181-C-7-A
Misc. Info.: 460-0027822-021
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:18:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: desais Date: 27-May-2015 11:03:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	152221	1000.0	
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	76	7698	1.44	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	100	99723	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	103147	58.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	85341	55.6	
56 Benzene	78	3.918	3.918	0.000	90	4952	0.3747	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	288977	50.0	
* 68 1,4-Dioxane-d8	96	4.909	4.915	-0.006	98	14881	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	429631	46.9	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	345257	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	173351	54.9	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	189086	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

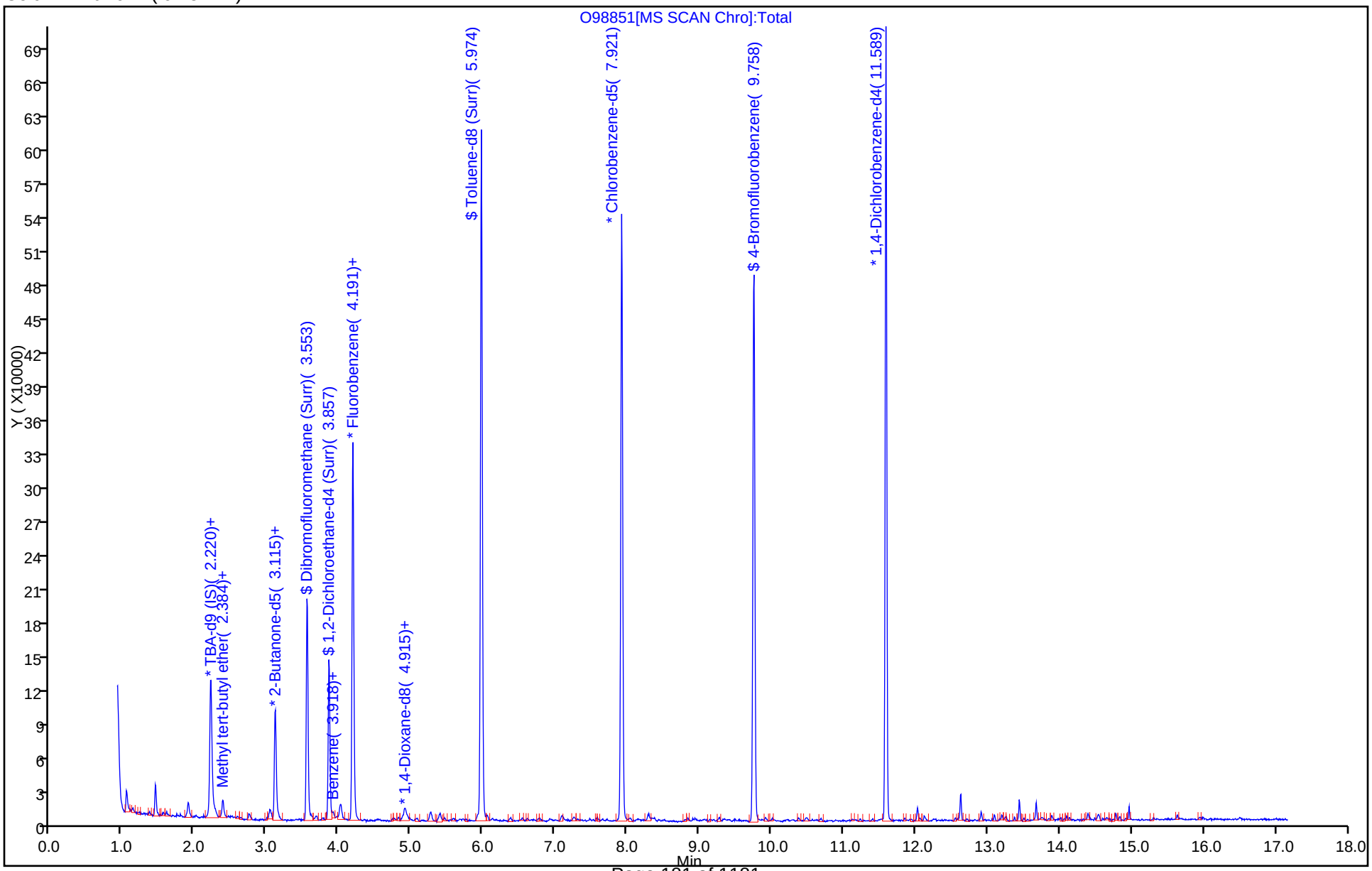
Report Date: 27-May-2015 13:18:12 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98851.D

Injection Date:	27-May-2015 05:42:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95181-C-7-A	Lab Sample ID:	460-95181-7	Worklist Smp#:	21
Client ID:	SB-6 (15-17)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



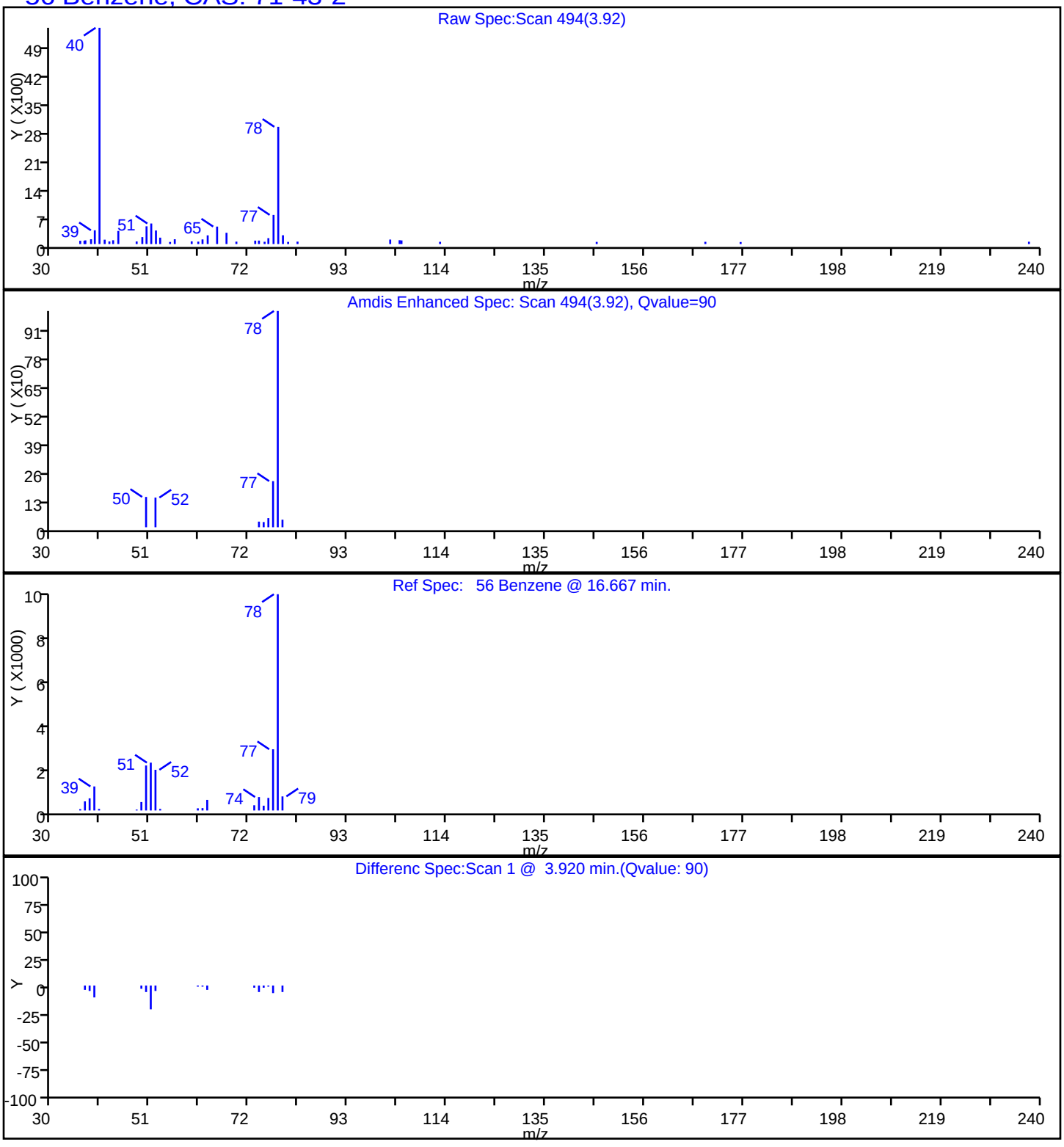
Report Date: 27-May-2015 13:18:12 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98851.D

Injection Date:	27-May-2015 05:42:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-7-A	Lab Sample ID:	460-95181-7		
Client ID:	SB-6 (15-17)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

56 Benzene, CAS: 71-43-2

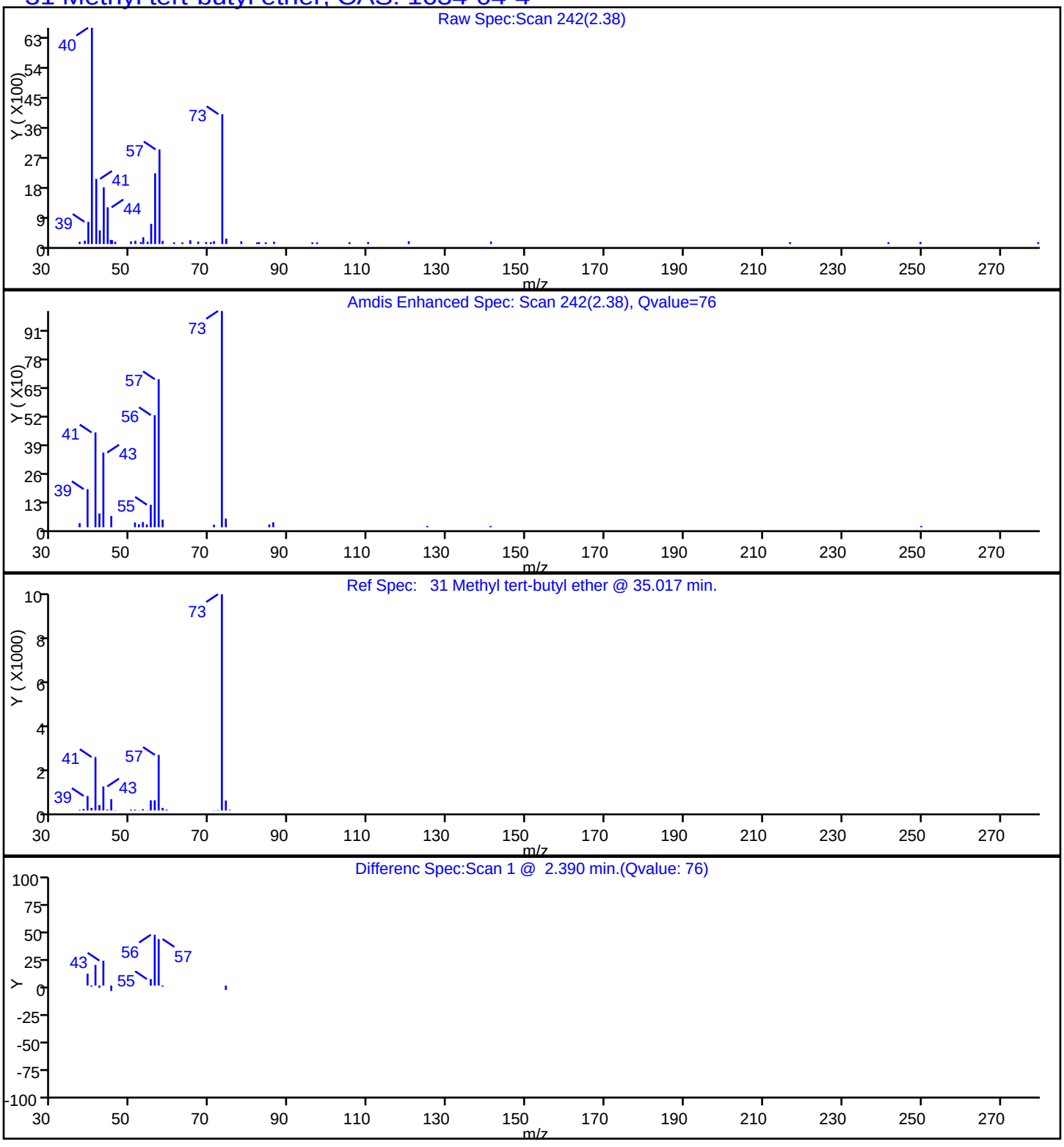


Report Date: 27-May-2015 13:18:12 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98851.D				
Injection Date:	27-May-2015 05:42:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-7-A	Lab Sample ID:	460-95181-7		
Client ID:	SB-6 (15-17)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methyl tert-butyl ether, CAS: 1634-04-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-6 (17-19) | Lab Sample ID: 460-95181-8

Matrix: Solid | Lab File ID: O98850.D

Analysis Method: 8260C | Date Collected: 05/20/2015 13:05

Sample wt/vol: 5.68(g) | Date Analyzed: 05/27/2015 05:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.0 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
1634-04-4	Methyl tert-butyl ether	1.0		1.0	0.17
91-20-3	Naphthalene	1.0	U	1.0	0.12
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	113		70-130
1868-53-7	Dibromofluoromethane (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	95		70-130

Report Date: 27-May-2015 13:18:00 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98850.D
Lims ID: 460-95181-C-8-A Lab Sample ID: 460-95181-8
Client ID: SB-6 (17-19)
Sample Type: Client
Inject. Date: 27-May-2015 05:17:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95181-C-8-A
Misc. Info.: 460-0027822-020
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:17:59 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: desais Date: 27-May-2015 11:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	145307	1000.0	
31 Methyl tert-butyl ether	73	2.391	2.384	0.007	85	5668	1.02	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	99	94538	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	102053	55.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	84560	52.9	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	301141	50.0	
* 68 1,4-Dioxane-d8	96	4.909	4.915	-0.006	98	14989	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	420664	47.7	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	332406	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	171793	56.5	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	185208	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

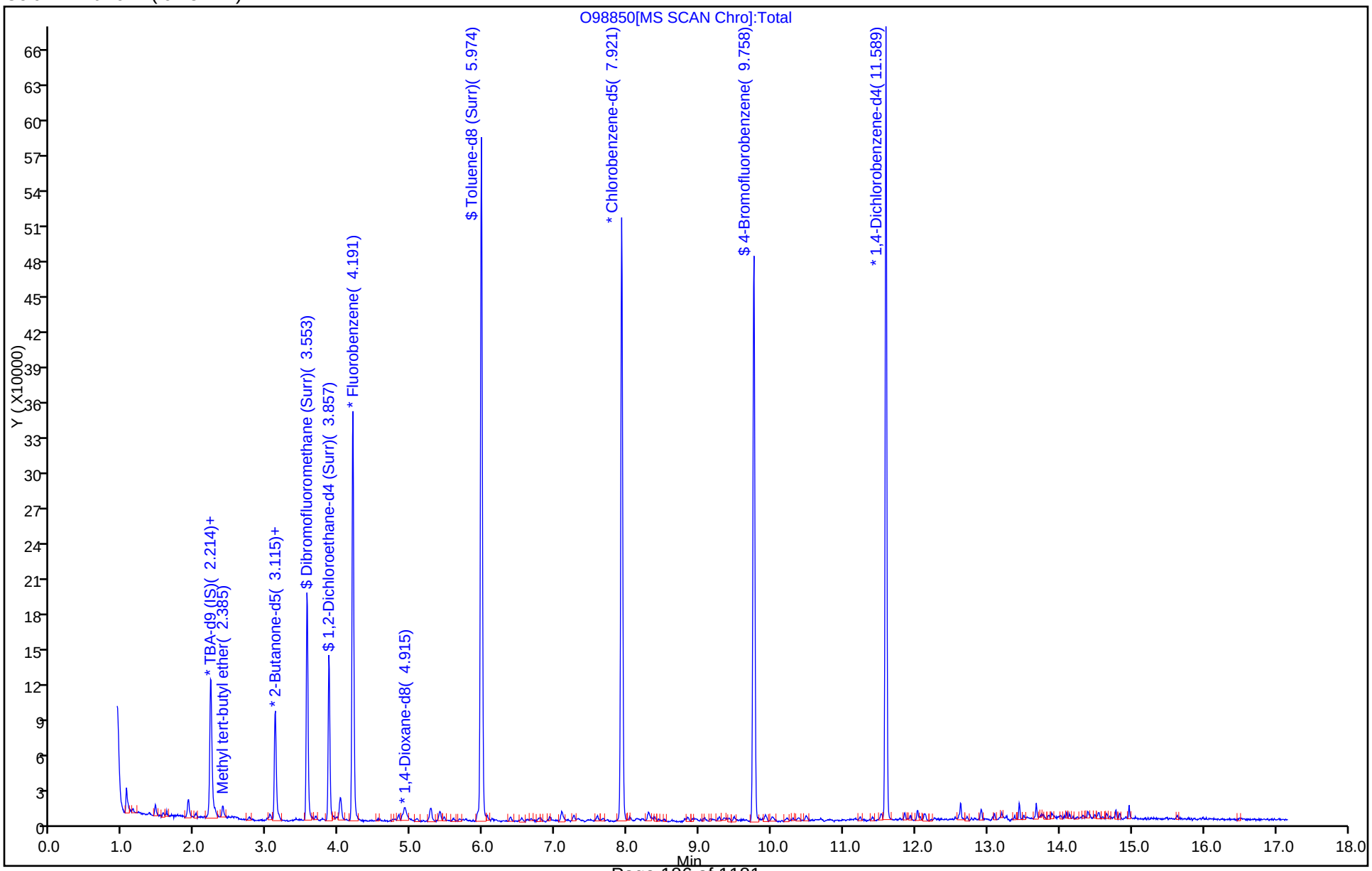
Report Date: 27-May-2015 13:18:00 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98850.D

Injection Date:	27-May-2015 05:17:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95181-C-8-A	Lab Sample ID:	460-95181-8	Worklist Smp#:	20
Client ID:	SB-6 (17-19)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



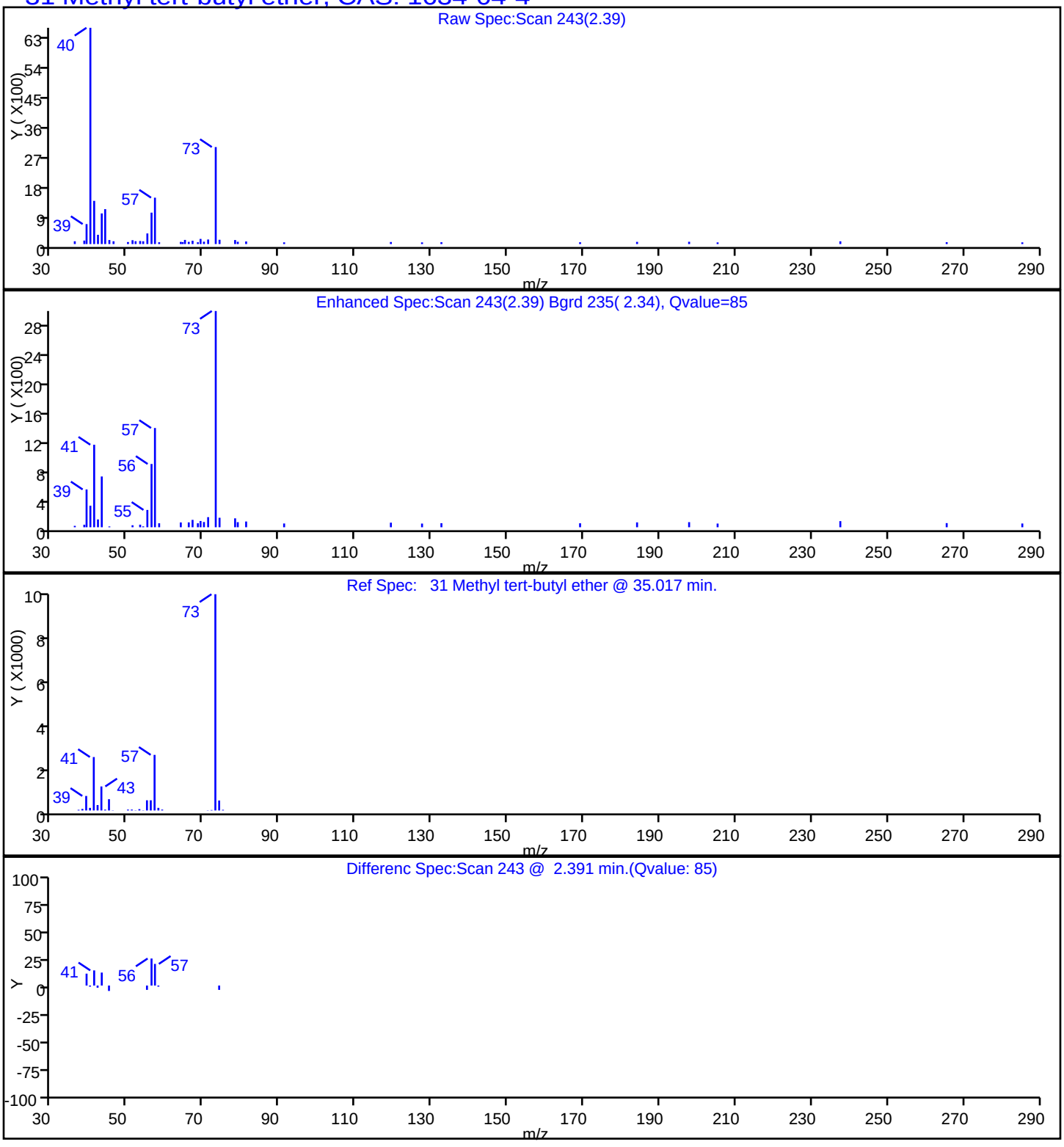
Report Date: 27-May-2015 13:18:00 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98850.D

Injection Date:	27-May-2015 05:17:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95181-C-8-A	Lab Sample ID:	460-95181-8		
Client ID:	SB-6 (17-19)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

31 Methyl tert-butyl ether, CAS: 1634-04-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-2 (20-22) | Lab Sample ID: 460-95181-9

Matrix: Solid | Lab File ID: B82980.D

Analysis Method: 8260C | Date Collected: 05/20/2015 15:15

Sample wt/vol: 5.82(g) | Date Analyzed: 05/23/2015 03:56

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.6 | Level: (low/med) Medium

Analysis Batch No.: 300519 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	43000		110	24
108-67-8	1,3,5-Trimethylbenzene	13000		110	26
99-87-6	4-Isopropyltoluene	620		110	27
71-43-2	Benzene	260		110	20
100-41-4	Ethylbenzene	12000		110	32
98-82-8	Isopropylbenzene	2500		110	34
1634-04-4	Methyl tert-butyl ether	110	U	110	14
91-20-3	Naphthalene	2400		110	27
104-51-8	n-Butylbenzene	3800		110	28
103-65-1	N-Propylbenzene	9000		110	31
135-98-8	sec-Butylbenzene	850		110	33
98-06-6	tert-Butylbenzene	110	U	110	30
108-88-3	Toluene	40	J	110	26
1330-20-7	Xylenes, Total	19000		210	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		75-135
460-00-4	4-Bromofluorobenzene	96		72-133
1868-53-7	Dibromofluoromethane (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	105		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D
Lims ID: 460-95181-A-9-A Lab Sample ID: 460-95181-9
Client ID: SB-2 (20-22)
Sample Type: Client
Inject. Date: 23-May-2015 03:56:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-95181-A-9-A
Misc. Info.: 460-0027742-020
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-May-2015 19:30:39 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: tupayachia Date: 23-May-2015 19:30:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.673	2.656	0.017	43	342244	1000.0	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	97	287766	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.277	-0.008	95	148837	51.7	
55 Benzene	78	4.607	4.623	-0.016	41	36445	2.48	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.656	-0.008	95	224139	58.3	
* 62 Fluorobenzene	96	4.969	4.969	0.000	98	570599	50.0	
* 69 1,4-Dioxane-d8	96	5.817	5.825	-0.008	42	25444	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.960	-0.008	99	597477	52.4	
81 Toluene	91	7.043	7.043	0.000	10	5568	0.3772	
* 91 Chlorobenzene-d5	117	8.557	8.565	-0.008	90	518633	50.0	
93 Ethylbenzene	106	8.672	8.680	-0.008	99	620856	115.1	
95 m-Xylene & p-Xylene	106	8.796	8.804	-0.008	97	1121085	180.2	
96 o-Xylene	106	9.166	9.174	-0.008	39	2449	0.3710	
101 Isopropylbenzene	105	9.495	9.503	-0.008	96	330271	23.5	
$ 102 4-Bromofluorobenzene	174	9.668	9.676	-0.008	61	177095	48.2	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	1366251	85.2	
111 1,3,5-Trimethylbenzene	105	10.014	10.022	-0.008	93	1461649	122.6	
115 1,2,4-Trimethylbenzene	105	10.326	10.335	-0.009	97	4982551	411.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	95	95805	8.04	
118 4-Isopropyltoluene	119	10.573	10.581	-0.008	65	60608	5.83	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.647	-0.008	96	285203	50.0	
124 n-Butylbenzene	91	10.902	10.911	-0.009	90	417012	35.9	
132 Naphthalene	128	12.392	12.400	-0.008	99	223580	22.3	
S 135 Xylenes, Total	100				0		180.6	

Reagents:

8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

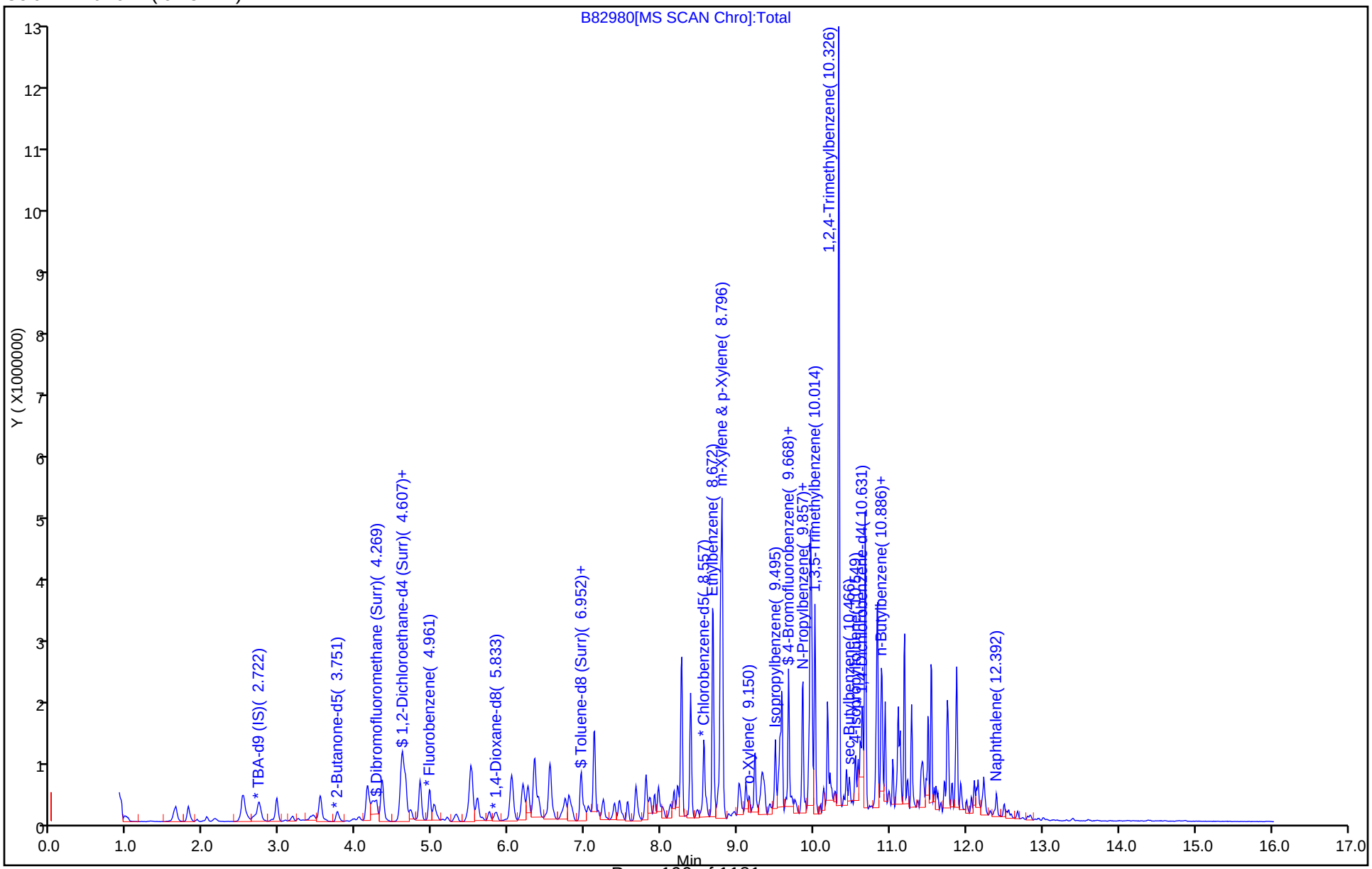
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9	Worklist Smp#:	20
Client ID:	SB-2 (20-22)				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	19
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

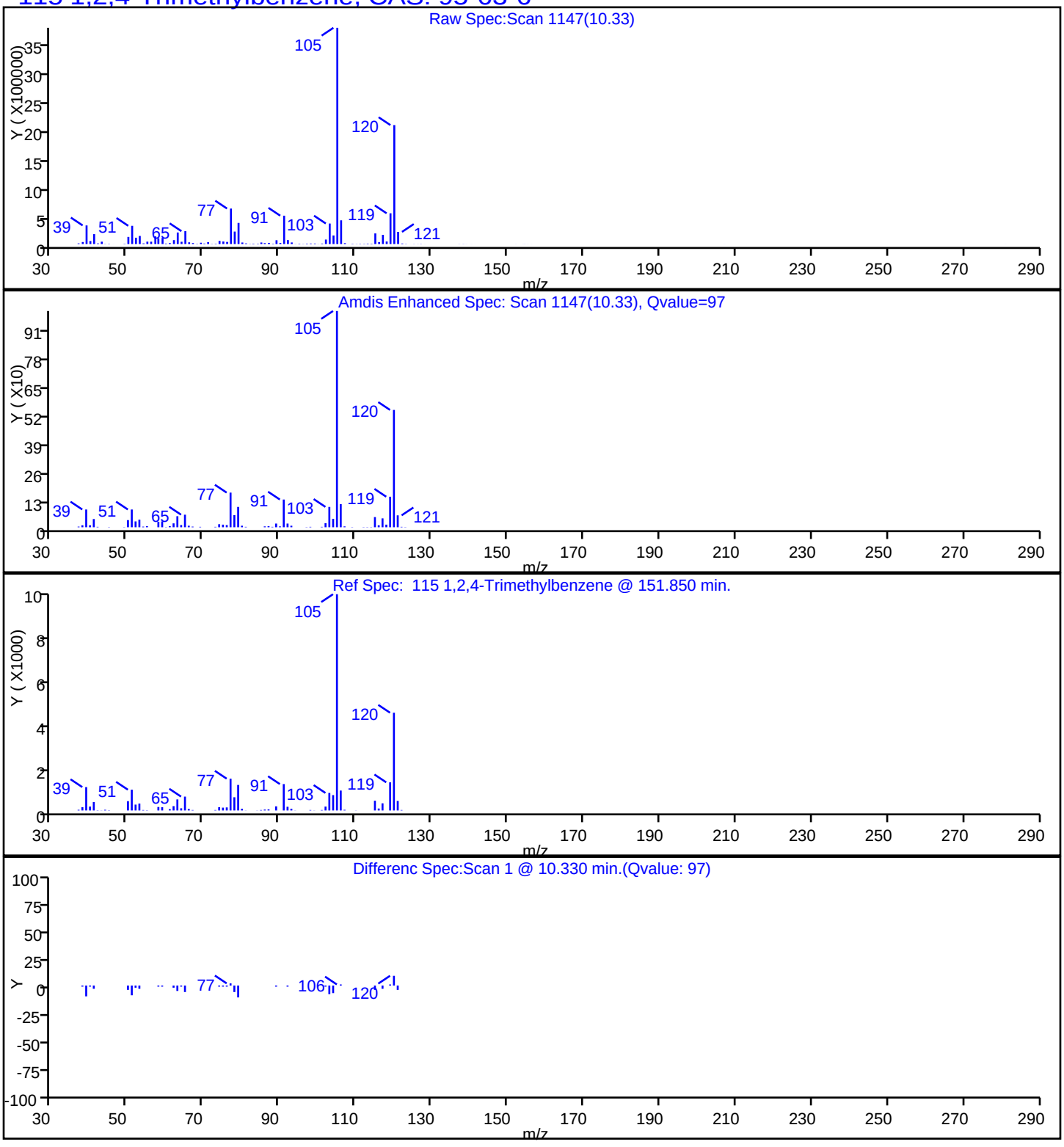


Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D				
Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2		
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



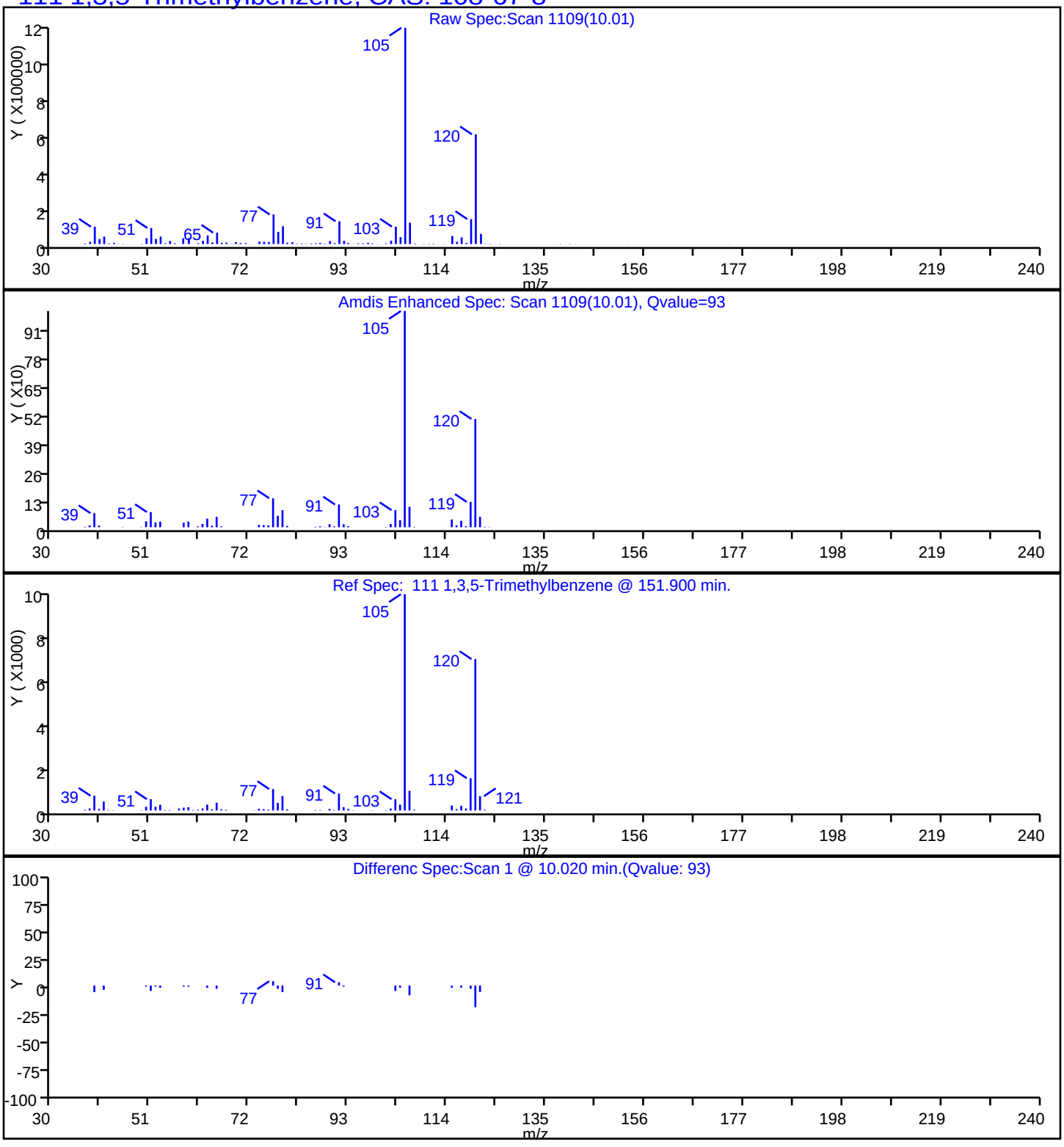
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

111 1,3,5-Trimethylbenzene, CAS: 108-67-8



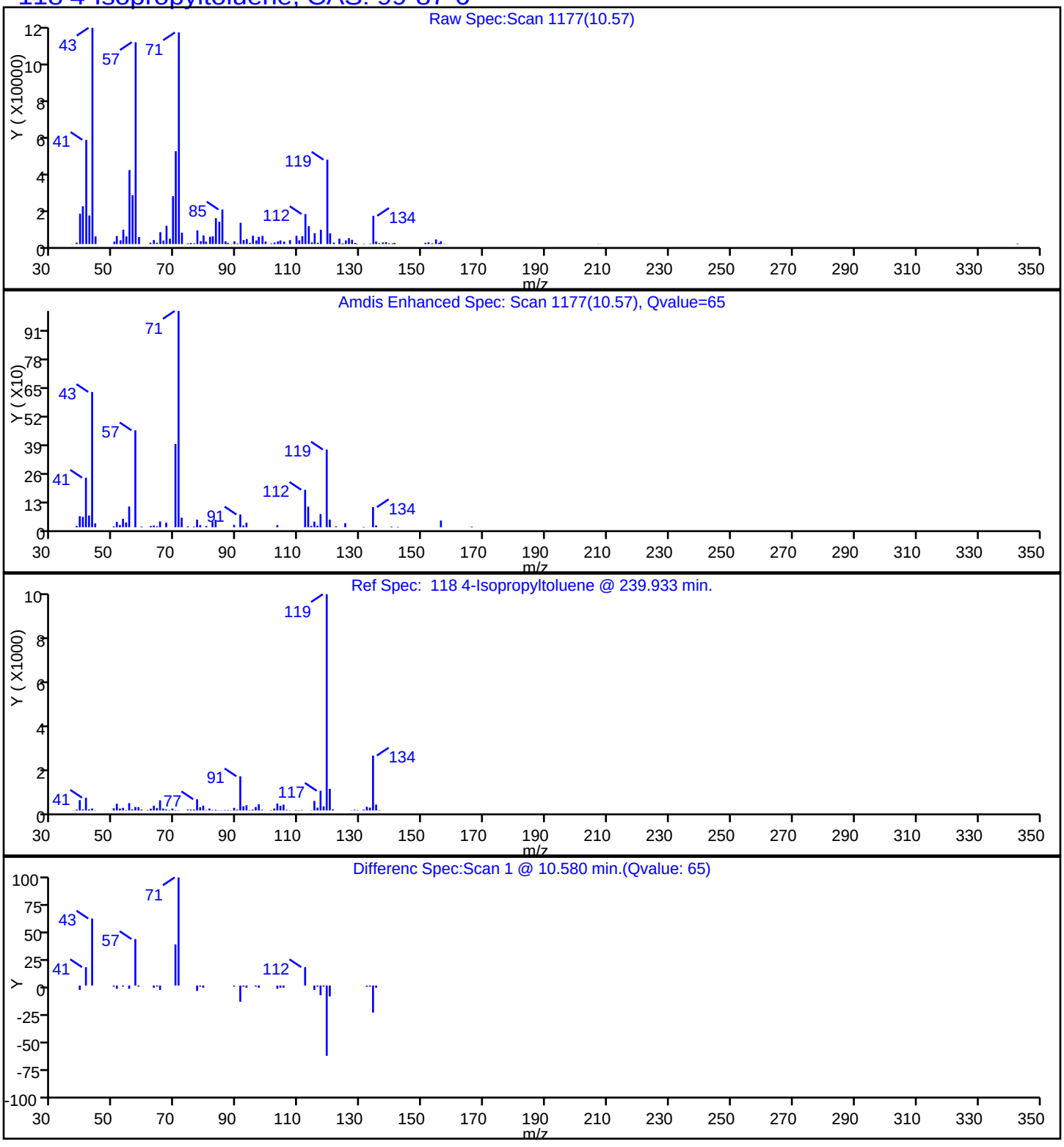
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6



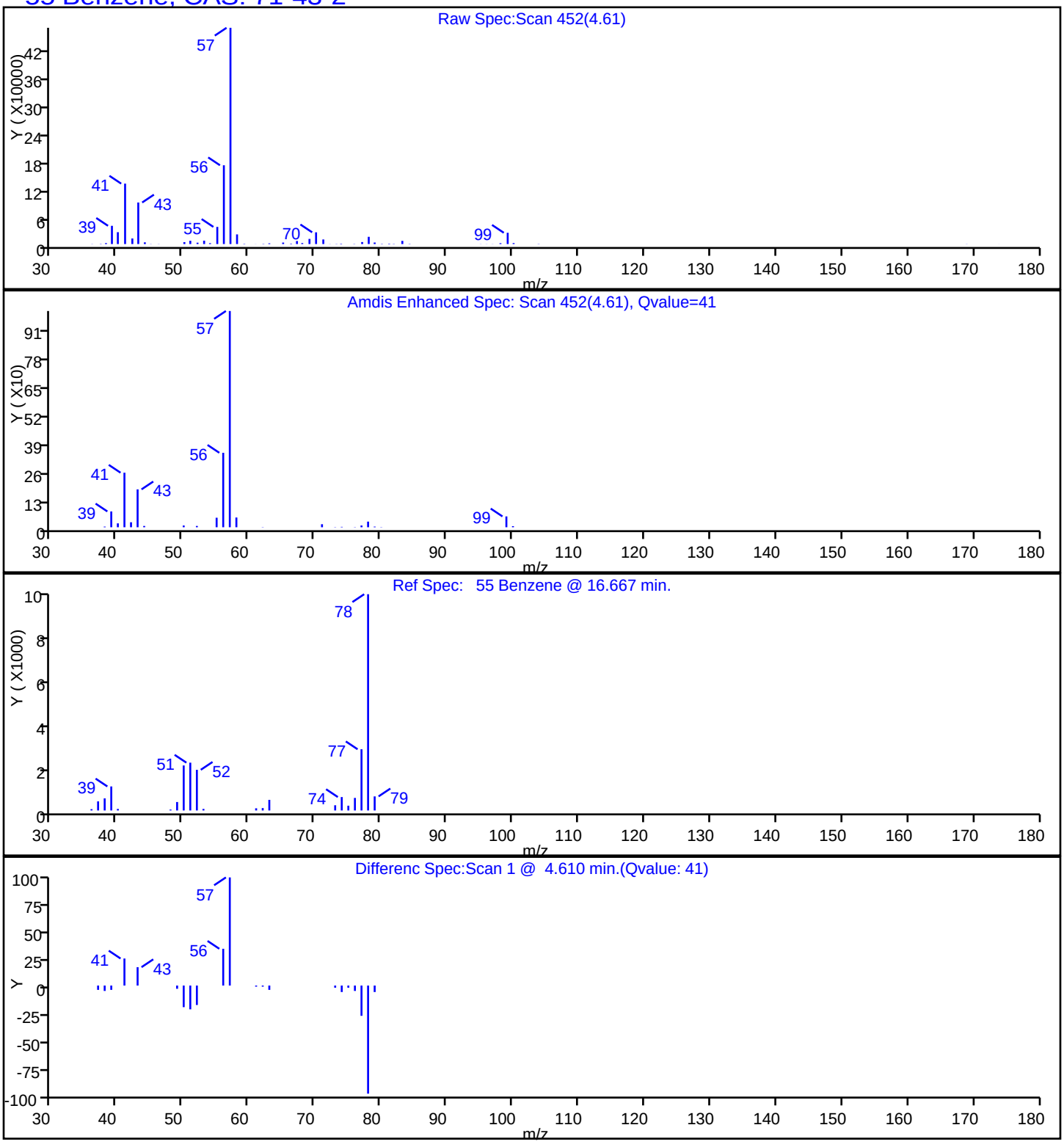
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

55 Benzene, CAS: 71-43-2



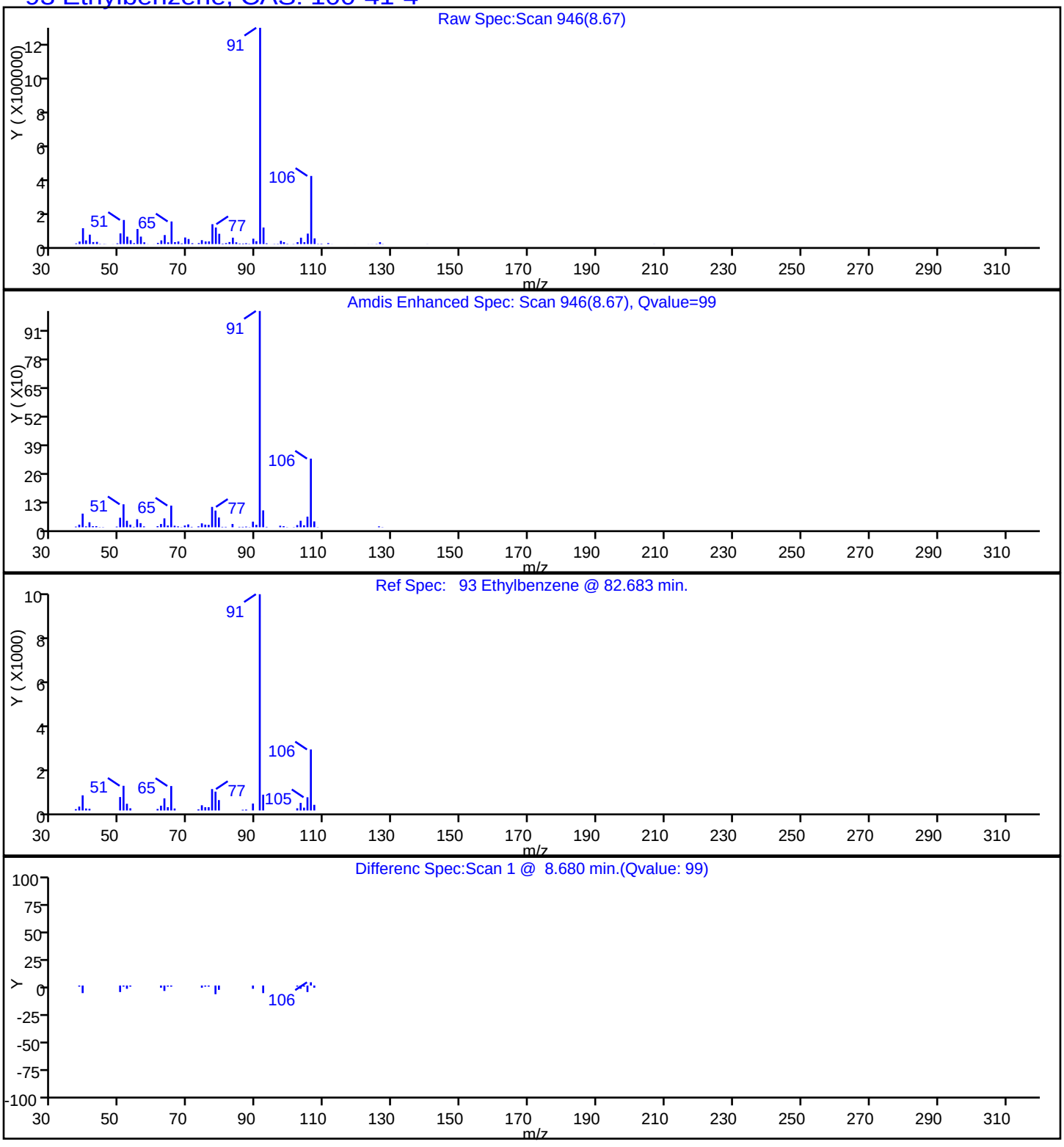
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

93 Ethylbenzene, CAS: 100-41-4



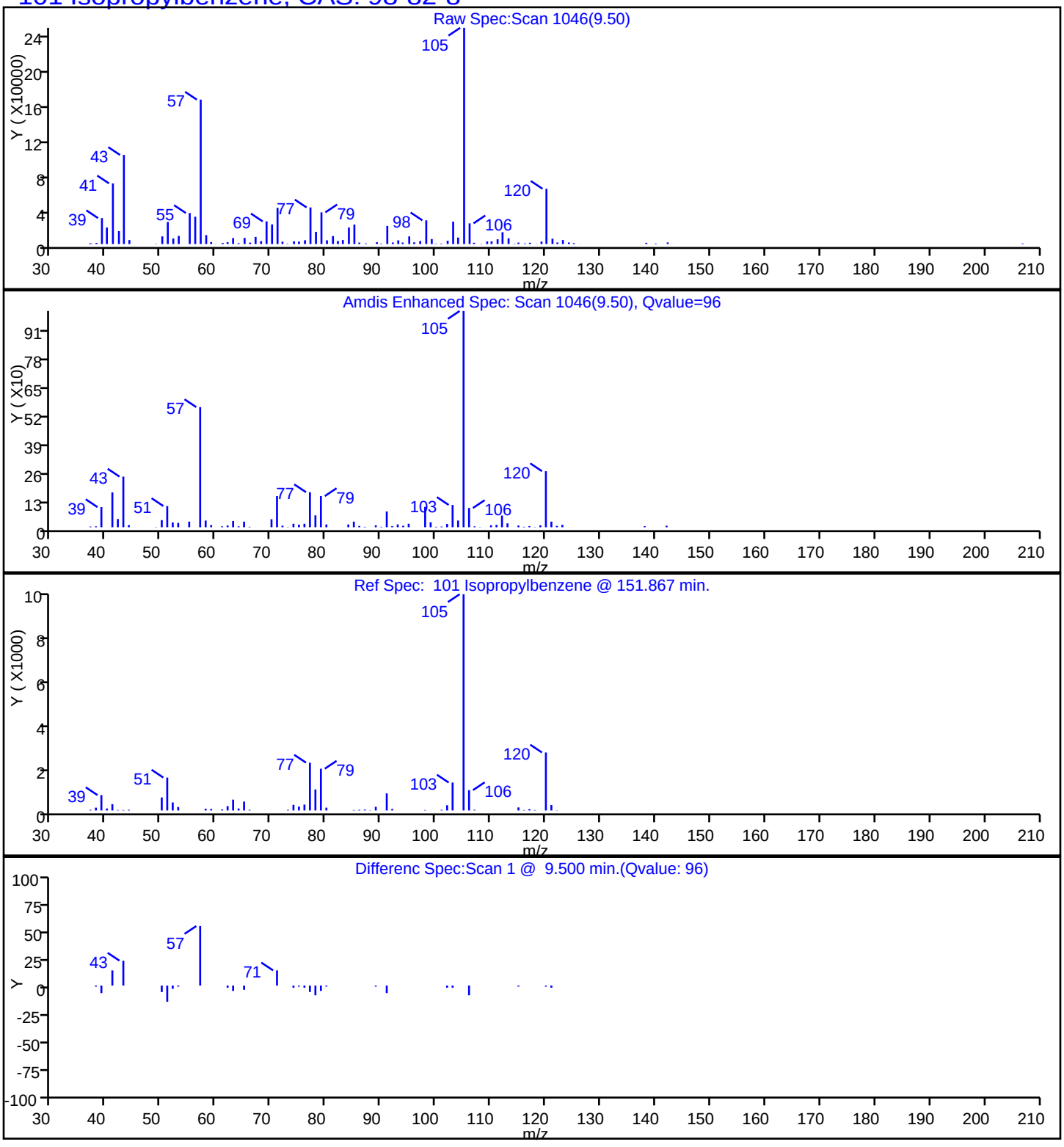
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Isopropylbenzene, CAS: 98-82-8



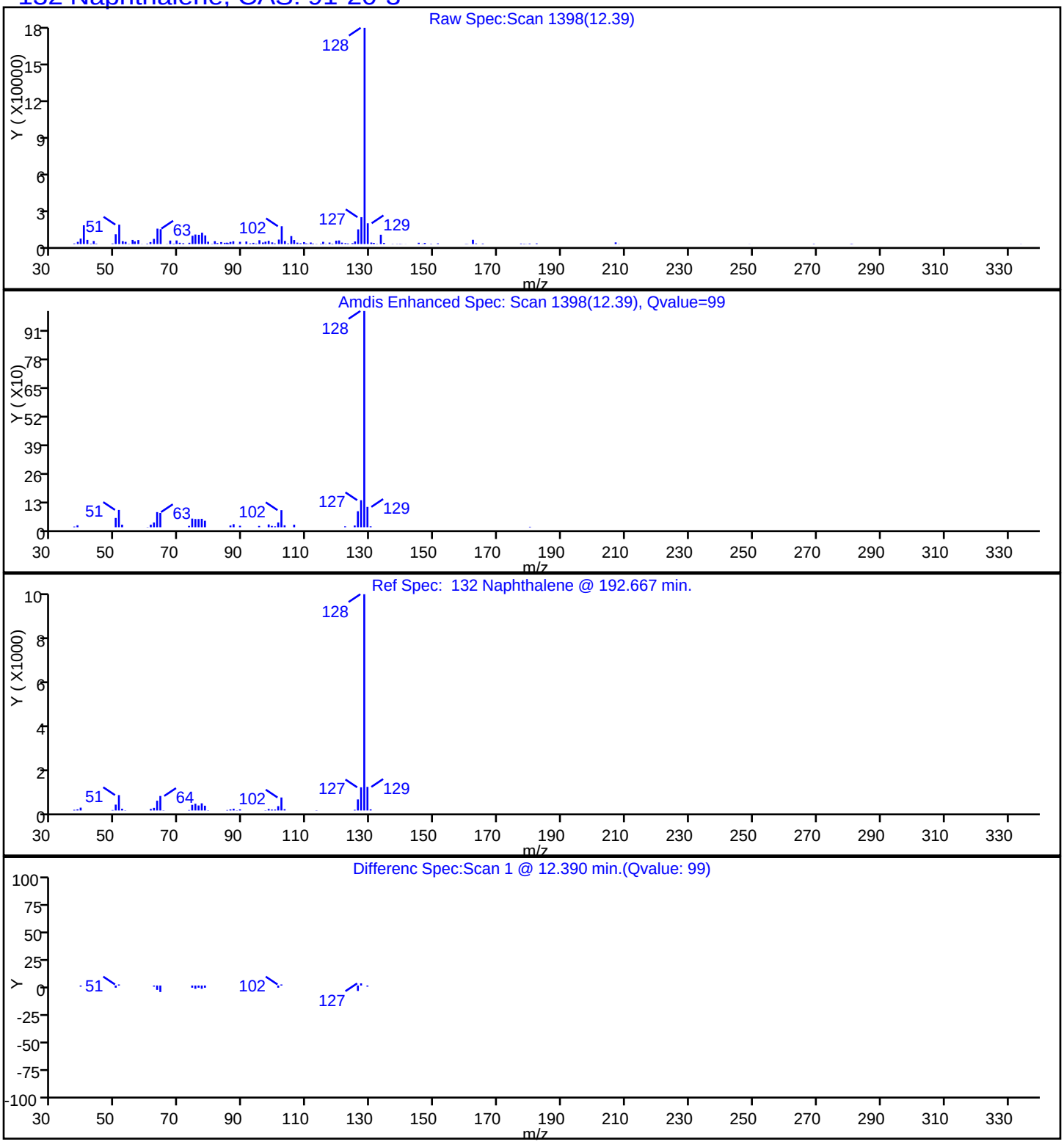
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

132 Naphthalene, CAS: 91-20-3

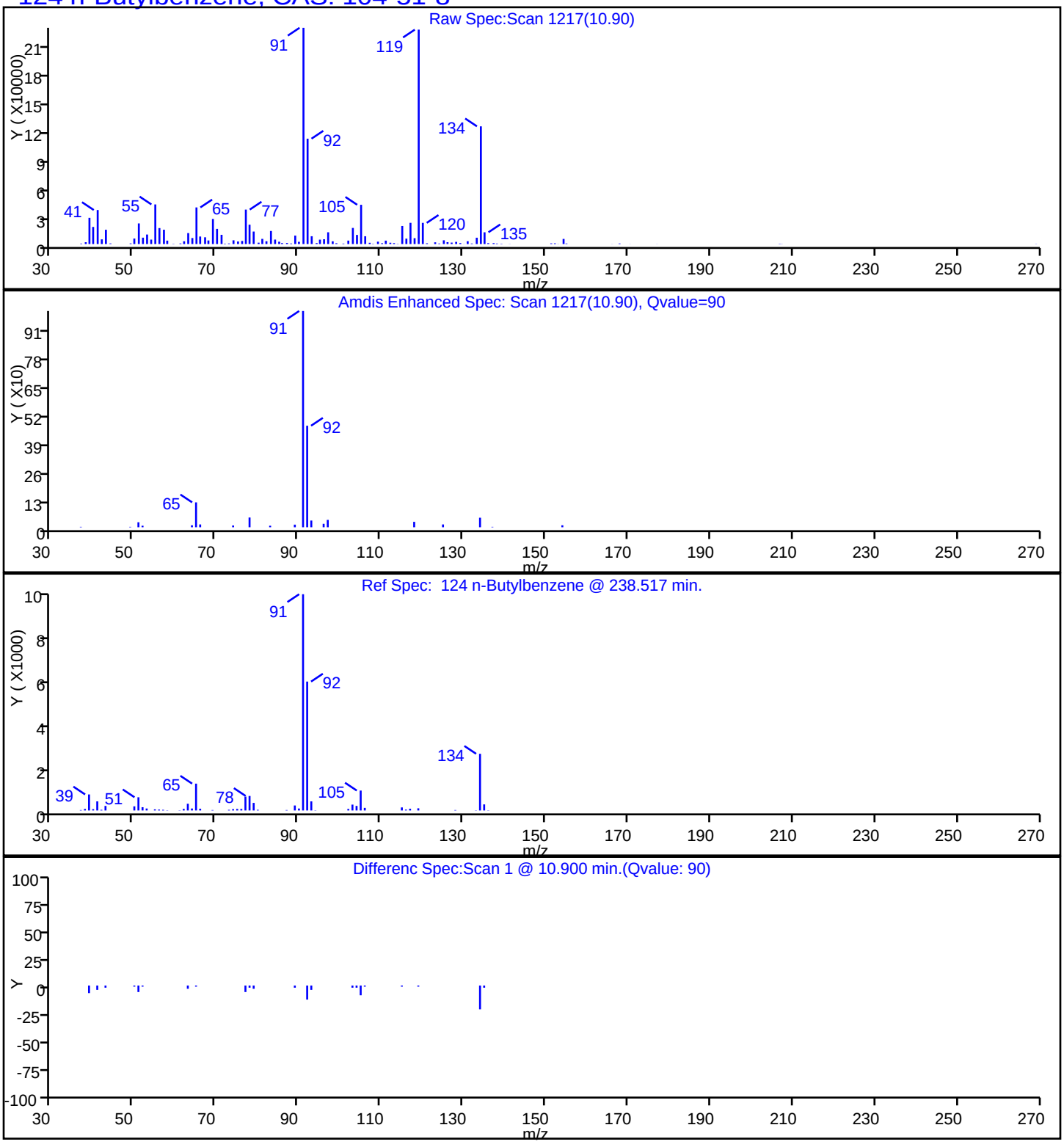


Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D		
Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

124 n-Butylbenzene, CAS: 104-51-8



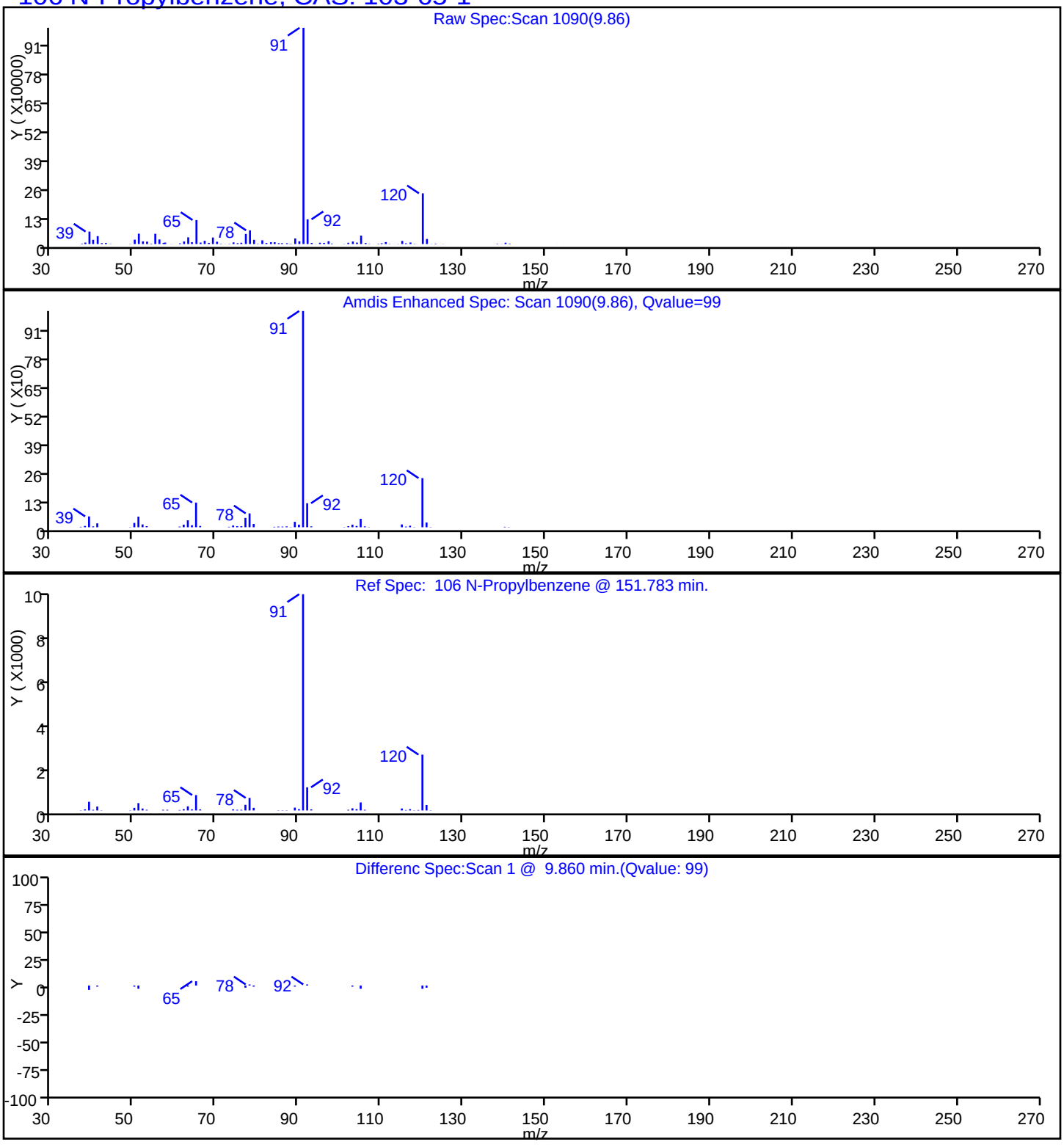
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

106 N-Propylbenzene, CAS: 103-65-1



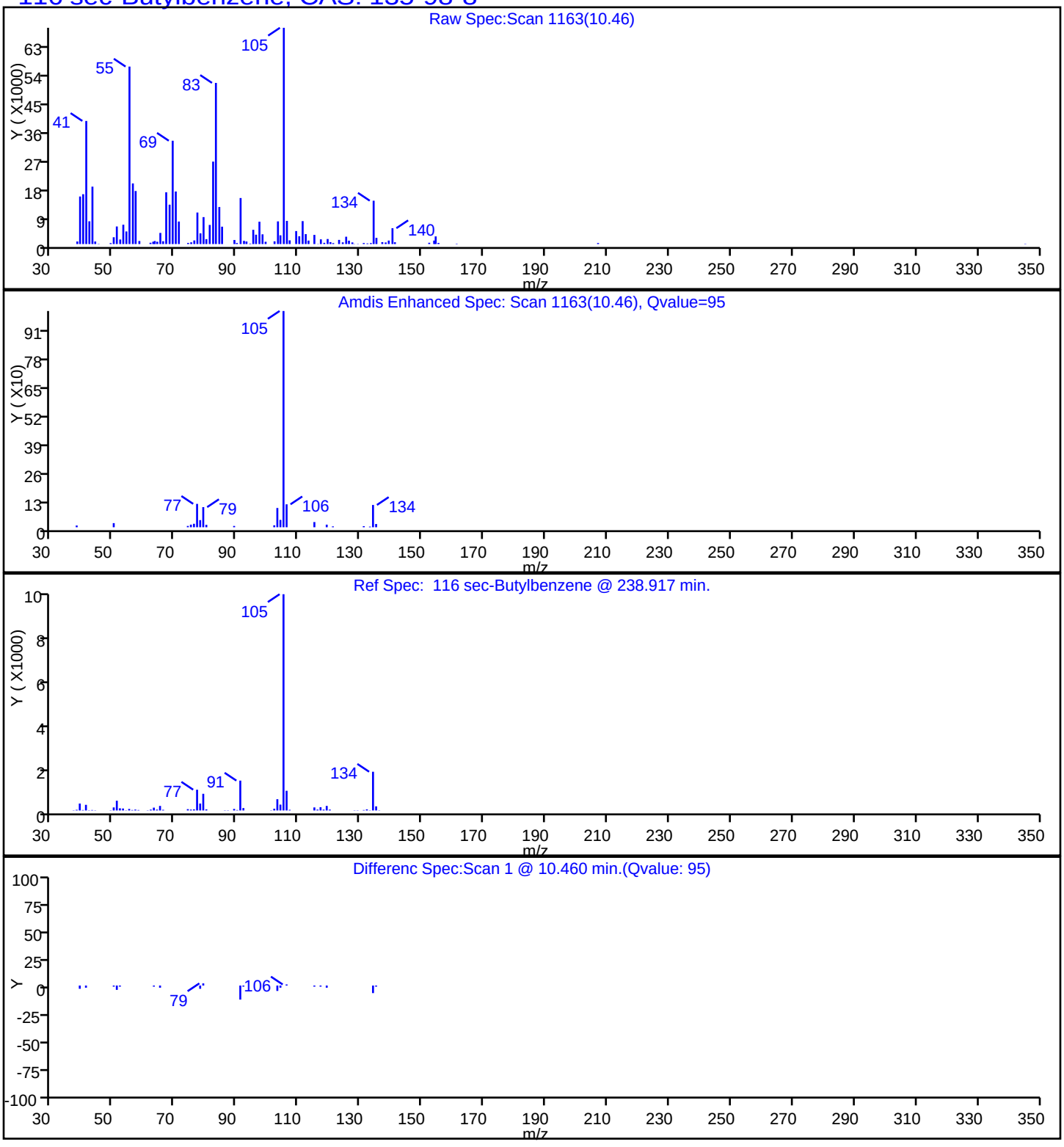
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

116 sec-Butylbenzene, CAS: 135-98-8



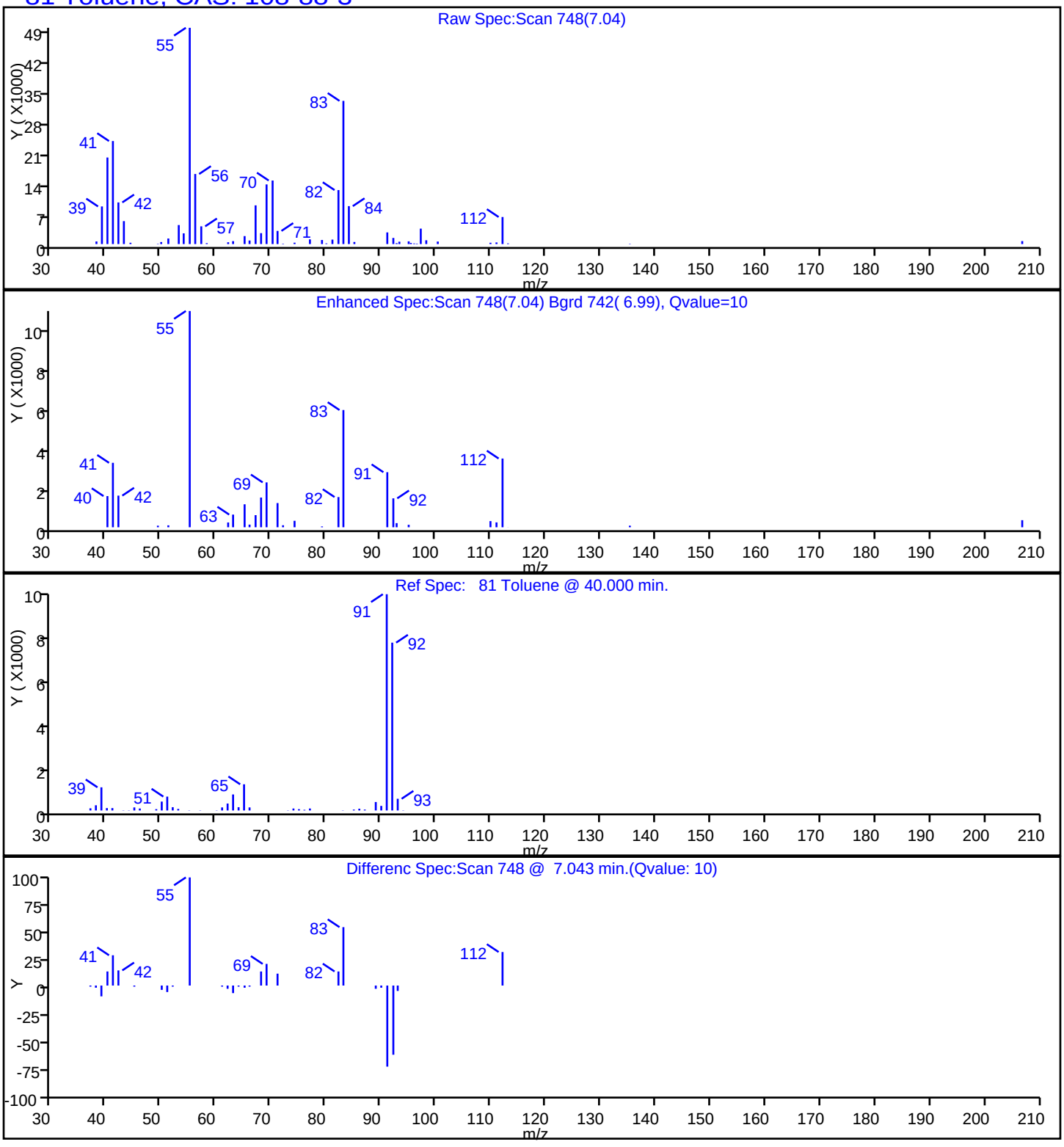
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Toluene, CAS: 108-88-3



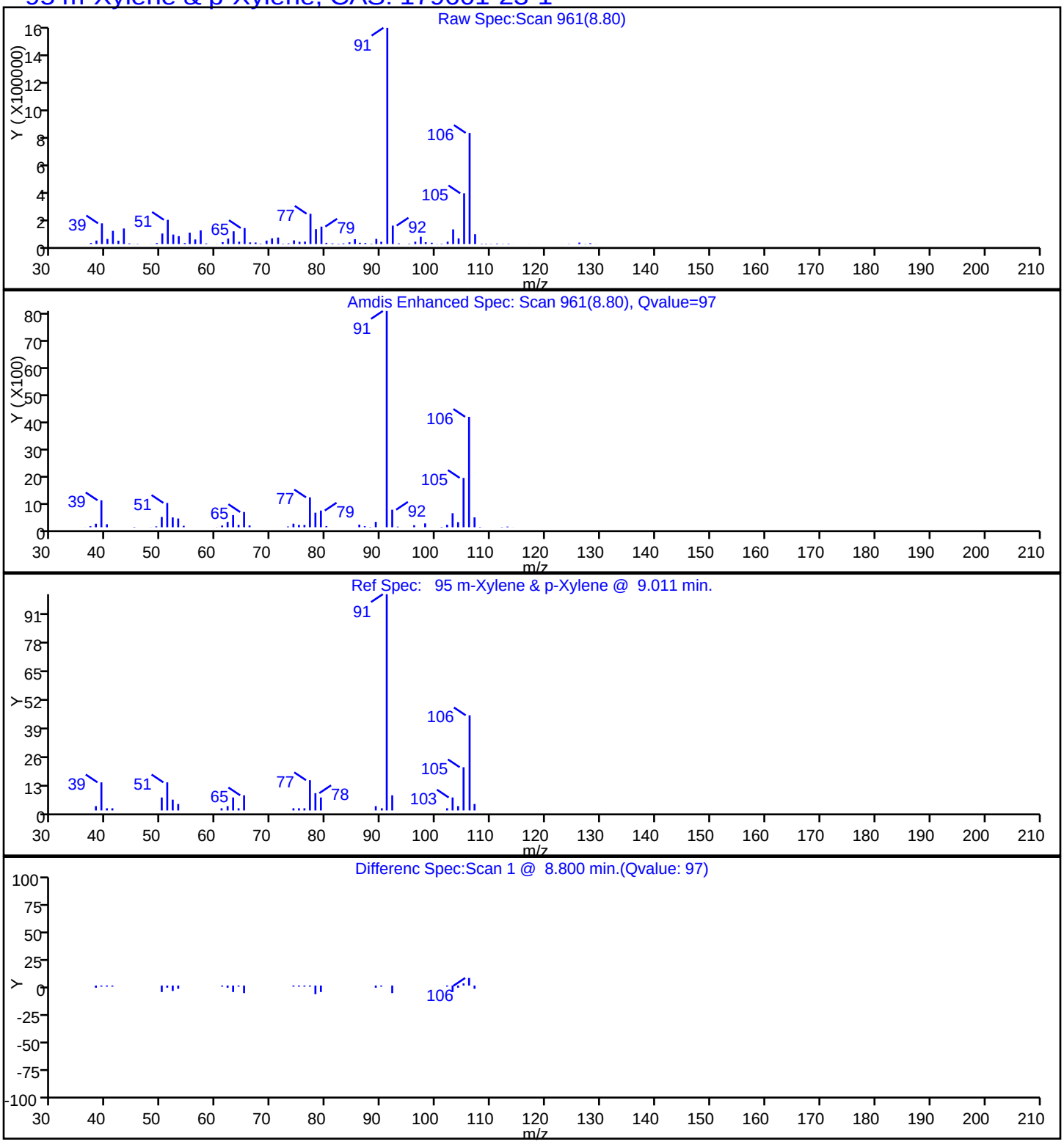
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



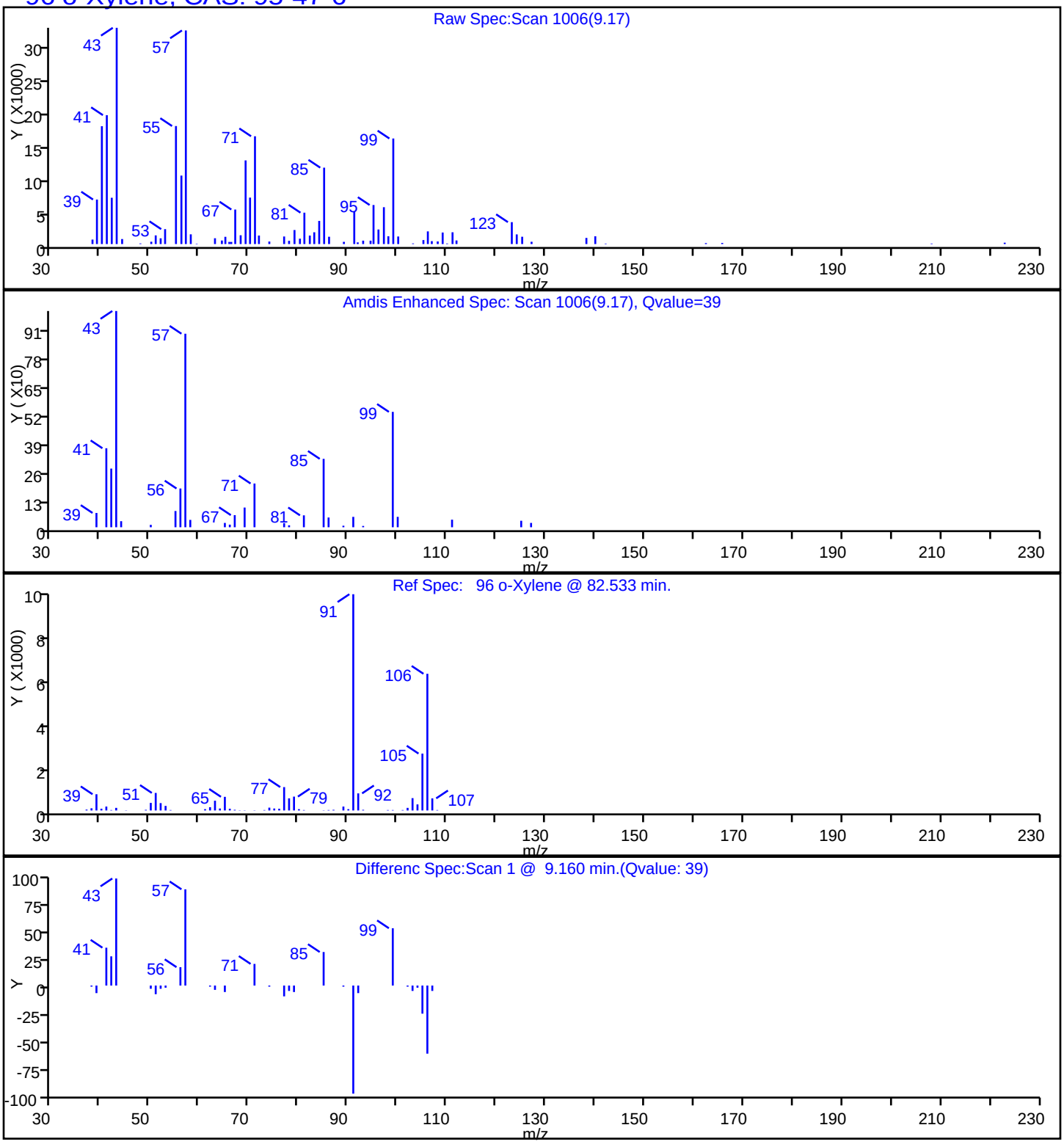
Report Date: 23-May-2015 19:30:40 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82980.D

Injection Date:	23-May-2015 03:56:30	Instrument ID:	CVOAMS2
Lims ID:	460-95181-A-9-A	Lab Sample ID:	460-95181-9
Client ID:	SB-2 (20-22)		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-300261/3	O98725.D
Level 2	STD5 460-300261/13	O98735.D
Level 3	STD20 460-300261/5	O98727.D
Level 4	STD50 460-300261/6	O98728.D
Level 5	STD200 460-300261/7	O98729.D
Level 6	STD500 460-300261/8	O98730.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0918 0.0916	0.0844	0.1012	0.0897	0.0974	Ave		0.0927				6.4		20.0			
Dichlorodifluoromethane	0.6274 0.5772	0.7380	0.7072	0.6346	0.6081	Ave		0.6488			0.1000	9.5		20.0			
Chloromethane	0.5586 0.4404	0.5837	0.5682	0.4959	0.4517	Ave		0.5164			0.1000	12.1		20.0			
Vinyl chloride	0.6031 0.5165	0.6763	0.6464	0.5678	0.5305	Ave		0.5901			0.1000	10.8		20.0			
Butadiene	0.5299 0.4892	0.5929	0.5852	0.5210	0.5021	Ave		0.5367				8.0		20.0			
Bromomethane	0.6739 0.3363	0.5982	0.4189	0.3517	0.3428	QuaF		0.3500	-0.000028		0.1000				1.0000		0.9900
Chloroethane	0.4598 0.3243	0.4314	0.4109	0.3522	0.3372	Ave		0.3860			0.1000	14.4		20.0			
Dichlorofluoromethane	0.7596 0.7356	0.9511	0.9331	0.8135	0.7719	Ave		0.8275				11.2		20.0			
Trichlorofluoromethane	0.7998 0.7008	0.9249	0.8986	0.7881	0.7336	Ave		0.8077			0.1000	11.0		20.0			
Pentane	0.1147 0.1044	0.0992	0.1089	0.0984	0.1059	Ave		0.1052				5.8		20.0			
Ethanol	0.1141 0.0457	0.0763	0.0667	0.0577	0.0526	QuaF		0.0577	-0.000001						1.0000		0.9900
Ethyl ether	0.4054 0.2705	0.3486	0.2830	0.2597	0.2678	Ave		0.3058				19.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.4845 0.3795	0.4756	0.4761	0.4276	0.4131	Ave		0.4427				9.6		20.0			
2-Methyl-1,3-butadiene	0.4747 0.4266	0.4569	0.4595	0.4278	0.4495	Ave		0.4492				4.2		20.0			
Acrolein	0.4922 0.4550	0.5420	0.5838	0.5983	0.5134	Ave		0.5308				10.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	0.4882 0.4504	0.5072	0.4982	0.4569	0.4409	Ave		0.4736			0.1000	5.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4702 0.4910	0.6244	0.5332	0.4986	0.4796	Ave		0.5162			0.1000	11.1		20.0			
Acetone	3.7347 0.9769	1.8602	1.3033	1.2581	1.0174	QuaF		1.0819	-0.000042		0.0500				0.9990		0.9900
Iodomethane	0.1040 0.5334	0.2349	0.5288	0.5715	0.5741	QuaF		0.5960	-0.000125						1.0000		0.9900
Isopropyl alcohol	1.6689 0.5920	0.8199	0.7180	0.6650	0.6608	QuaF		0.7031	-0.000022						1.0000		0.9900
Carbon disulfide	1.8021 1.3599	2.0012	1.6752	1.5098	1.4216	Ave		1.6283			0.1000	15.0		20.0			
Allyl chloride	0.3921 0.2610	0.3908	0.3128	0.2714	0.2422	QuaF		0.2370	0.0000475						1.0000		0.9900
Methyl acetate	13.416 7.8536	9.0599	9.4232	9.1310	8.7877	QuaF		9.3951	-0.000616		0.1000				1.0000		0.9900
Acetonitrile	1.3492 1.2115	1.1372	1.3568	1.4391	1.3729	Ave		1.3111				8.6		20.0			
Cyclopentene	1.4310 1.1987	1.4153	1.4523	1.3110	1.2910	Ave		1.3499				7.3		20.0			
Methylene Chloride	0.5994 0.3777	0.4902	0.4254	0.3857	0.3793	Ave		0.4429			0.1000	19.8		20.0			
2-Methyl-2-propanol	3.2640 1.0435	1.6076	1.2141	1.1300	1.1291	QuaF		1.1819	-0.000028						1.0000		0.9900
Acrylonitrile	0.1284 0.0747	0.1041	0.0889	0.0770	0.0725	QuaF		0.0723	0.0000005						1.0000		0.9900
trans-1,2-Dichloroethene	0.6354 0.4629	0.5171	0.5147	0.4680	0.4542	Ave		0.5087			0.1000	13.3		20.0			
Methyl tert-butyl ether	1.0820 0.8584	1.0110	0.8814	0.8437	0.8606	Ave		0.9228			0.1000	10.7		20.0			
Hexane	0.4399 0.4060	0.3593	0.4058	0.4037	0.4032	Ave		0.4030				6.4		20.0			
1,1-Dichloroethane	0.9949 0.6772	0.8467	0.8200	0.7454	0.6997	Ave		0.7973			0.2000	14.7		20.0			
Allyl alcohol	0.2192 0.1964	0.1510	0.2372	0.2253	0.2206	Ave		0.2083				14.9		20.0			
Vinyl acetate	0.2726 0.2642	0.3118	0.3067	0.3377	0.2630	Ave		0.2927				10.5		20.0			
Isopropyl ether	0.9839 0.9205	0.8160	0.9306	0.9485	0.9887	Ave		0.9314				6.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	0.4446 0.4181	0.4321	0.4677	0.4407	0.4308	Ave		0.4390				3.8		20.0			
Tert-butyl ethyl ether	0.9407 0.8424	0.7314	0.8499	0.8700	0.9345	Ave		0.8615				8.9		20.0			
2,2-Dichloropropane	0.1736 0.1537	0.1689	0.1670	0.1551	0.1515	Ave		0.1616				5.8		20.0			
cis-1,2-Dichloroethene	0.5529 0.4313	0.4910	0.4744	0.4408	0.4282	Ave		0.4698			0.1000	10.2		20.0			
2-Butanone (MEK)	0.7936 0.4318	0.4873	0.4458	0.4547	0.4424	QuaF		0.4504	-0.000007		0.0500				1.0000		0.9900
Propionitrile	1.8703 1.0548	1.3157	1.3809	1.3092	1.2427	Ave		1.3623				20.0		20.0			
Ethyl acetate	2.8722 2.5752	2.1899	2.4060	2.4791	2.6505	Ave		2.5288				9.1		20.0			
Methyl acrylate	0.2872 0.2227	0.2327	0.2047	0.1908	0.1907	Ave		0.2215				16.4		20.0			
Methacrylonitrile	0.1293 0.0894	0.1082	0.1028	0.0916	0.0920	Ave		0.1022				14.9		20.0			
Chlorobromomethane	0.3027 0.1727	0.2223	0.2011	0.1809	0.1759	QuaF		0.1790	-0.000013						1.0000		0.9900
Tetrahydrofuran	0.3920 0.4181	0.5214	0.4187	0.4170	0.4224	Ave		0.4316				10.5		20.0			
Chloroform	0.8379 0.6094	0.7381	0.7041	0.6524	0.6234	Ave		0.6942			0.2000	12.3		20.0			
1,1,1-Trichloroethane	0.7565 0.6065	0.6849	0.7041	0.6517	0.6160	Ave		0.6700			0.1000	8.5		20.0			
Cyclohexane	0.6263 0.6975	0.7272	0.7754	0.7292	0.7036	Ave		0.7098			0.1000	6.9		20.0			
1,1-Dichloropropene	0.5406 0.5357	0.5230	0.5718	0.5478	0.5300	Ave		0.5415				3.2		20.0			
Carbon tetrachloride	0.6341 0.5770	0.6081	0.6306	0.5935	0.5707	Ave		0.6023			0.1000	4.4		20.0			
Isobutyl alcohol	0.3224 0.3582	0.3532	0.3674	0.3720	0.3874	Ave		0.3601				6.1		20.0			
Benzene	1.9906 1.9342	1.6565	1.9426	1.9805	1.9794	Ave		1.9140			0.5000	6.7		20.0			
1,2-Dichloroethane	0.5607 0.3649	0.4386	0.4038	0.3682	0.3613	Ave		0.4162			0.1000	18.5		20.0			
2,2,4-Trimethylpentane	1.4001 1.3943	1.3274	1.4356	1.3751	1.4511	Ave		1.3973				3.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	0.8462 0.7856	0.6976	0.7667	0.7509	0.8150	Ave		0.7770				6.7		20.0			
Tert-amyl methyl ether	0.7849 0.7305	0.6235	0.6993	0.7169	0.7768	Ave		0.7220				8.1		20.0			
n-Heptane	0.8371 0.3533	0.4503	0.4104	0.3709	0.3562	QuaF		0.3613	-0.000016						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	0.9959 1.0031	0.9605	1.0118	0.9890	1.0661	Ave		1.0044				3.5		20.0			
Trichloroethene	0.4646 0.4209	0.3896	0.4353	0.4228	0.4157	Ave		0.4248			0.2000	5.8		20.0			
Ethyl acrylate	0.4335 0.5581	0.4764	0.5345	0.5537	0.5713	Ave		0.5213				10.4		20.0			
n-Butanol	0.1059 0.0689	0.0509	0.0589	0.0572	0.0746	QuaF		0.0751	0						0.9990		0.9900
Methylcyclohexane	0.6362 0.7525	0.6427	0.7346	0.7407	0.7543	Ave		0.7101			0.1000	7.8		20.0			
1,2-Dichloropropane	0.4089 0.3454	0.3177	0.3538	0.3399	0.3419	Ave		0.3513			0.1000	8.7		20.0			
Dibromomethane	0.2457 0.1582	0.1984	0.1820	0.1660	0.1597	Ave		0.1850				18.1		20.0			
1,4-Dioxane	1.6407 0.9804	1.2393	1.3575	1.2131	1.0904	Ave		1.2536				18.3		20.0			
Methyl methacrylate	0.2125 0.1432	0.1678	0.1587	0.1459	0.1480	Ave		0.1627				16.0		20.0			
n-Propyl acetate	0.2848 0.2294	0.2345	0.2419	0.2291	0.2356	Ave		0.2425				8.8		20.0			
Dichlorobromomethane	0.5904 0.4282	0.4569	0.4680	0.4420	0.4368	Ave		0.4704			0.2000	12.9		20.0			
2-Nitropropane	0.0731 0.0448	0.0614	0.0507	0.0476	0.0458	QuaF		0.0467	-0.000002						1.0000		0.9900
2-Chloroethyl vinyl ether	0.1531 0.1353	0.1247	0.1453	0.1392	0.1413	Ave		0.1398				6.9		20.0			
Epichlorohydrin	0.3706 0.2861	0.2879	0.2898	0.2926	0.2900	Ave		0.3028				11.0		20.0			
cis-1,3-Dichloropropene	0.6260 0.6722	0.5200	0.6376	0.6602	0.6782	Ave		0.6324			0.2000	9.3		20.0			
4-Methyl-2-pentanone (MIBK)	2.8832 2.3526	2.0994	2.1200	2.2205	2.4183	Ave		2.3490			0.0500	12.4		20.0			
Toluene	2.1456 1.8509	1.8362	1.9118	1.9022	1.9060	Ave		1.9255			0.4000	5.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.4875 0.5190	0.4032	0.4901	0.5066	0.5203	Ave		0.4878			0.1000	9.0		20.0			
Ethyl methacrylate	0.4597 0.3158	0.3839	0.3378	0.3192	0.3139	Ave		0.3551				16.2		20.0			
1,1,2-Trichloroethane	0.2651 0.2503	0.2005	0.2413	0.2466	0.2494	Ave		0.2422			0.1000	9.1		20.0			
Tetrachloroethene	0.5225 0.6100	0.5447	0.5930	0.5922	0.6029	Ave		0.5775			0.2000	6.1		20.0			
1,3-Dichloropropane	0.5158 0.5179	0.4303	0.5037	0.5174	0.5223	Ave		0.5012				7.0		20.0			
2-Hexanone	2.4416 1.5315	1.7117	1.6175	1.6276	1.5743	Ave		1.7507			0.0500	19.6		20.0			
Chlorodibromomethane	0.3881 0.4013	0.3195	0.3679	0.3884	0.4002	Ave		0.3776			0.1000	8.2		20.0			
n-Butyl acetate	0.4429 0.2530	0.2834	0.2633	0.2550	0.2583	QuaF		0.2612	-0.000016						1.0000		0.9900
Ethylene Dibromide	0.3195 0.2967	0.2515	0.2960	0.2976	0.2969	Ave		0.2930			0.1000	7.6		20.0			
Chlorobenzene	1.3501 1.1757	1.1402	1.1717	1.1552	1.1684	Ave		1.1936			0.5000	6.5		20.0			
1,1,1,2-Tetrachloroethane	0.3934 0.4550	0.3194	0.3816	0.4205	0.4515	Ave		0.4036				12.6		20.0			
Ethylbenzene	0.7958 0.6956	0.6490	0.7043	0.6905	0.6865	Ave		0.7036			0.1000	7.0		20.0			
m-Xylene & p-Xylene	0.8784 0.8399	0.7737	0.8115	0.8183	0.8454	Ave		0.8279			0.1000	4.3		20.0			
o-Xylene	0.9016 0.8081	0.7190	0.7469	0.7650	0.8000	Ave		0.7901			0.3000	8.1		20.0			
Styrene	1.4517 1.3270	1.2633	1.2934	1.3122	1.3415	Ave		1.3315			0.3000	4.9		20.0			
n-Butyl acrylate	0.2476 0.2297	0.1961	0.1887	0.1907	0.2074	Ave		0.2100				11.3		20.0			
Bromoform	0.2759 0.2668	0.2110	0.2405	0.2450	0.2588	Ave		0.2497			0.1000	9.2		20.0			
Amyl acetate (mixed isomers)	0.8829 0.6385	0.6109	0.6130	0.6059	0.6181	Ave		0.6616				16.5		20.0			
Isopropylbenzene	2.1341 2.1206	2.0048	2.2184	2.2105	2.1876	Ave		2.1460			0.1000	3.7		20.0			
Camphene	0.1379 0.1681	0.1361	0.1652	0.1621	0.1695	Ave		0.1565				9.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	1.1165 0.9150	0.9269	0.9808	0.9597	0.9028	Ave		0.9669				8.1		20.0			
1,1,2,2-Tetrachloroethane	0.6144 0.5577	0.5129	0.5673	0.5490	0.5354	Ave		0.5561			0.3000	6.2		20.0			
1,2,3-Trichloropropane	0.2083 0.1637	0.1655	0.1740	0.1677	0.1591	Ave		0.1731				10.4		20.0			
trans-1,4-Dichloro-2-butene	0.1294 0.1402	0.1790	0.1547	0.1408	0.1337	Ave		0.1463				12.4		20.0			
N-Propylbenzene	4.6628 4.2406	4.2220	4.5606	4.5679	4.3871	Ave		4.4402				4.2		20.0			
2-Chlorotoluene	2.7695 2.4009	2.4055	2.5078	2.4780	2.4266	Ave		2.4980				5.6		20.0			
4-Ethyltoluene	4.0377 3.7399	3.5180	3.7661	3.7656	3.8933	Ave		3.7868				4.6		20.0			
4-Chlorotoluene	2.9945 2.5502	2.4673	2.5484	2.5240	2.5278	Ave		2.6020				7.5		20.0			
1,3,5-Trimethylbenzene	3.1865 3.1447	2.5999	2.8470	2.9014	3.0670	Ave		2.9578				7.4		20.0			
Butyl Methacrylate	0.7601 0.7808	0.6538	0.6201	0.6371	0.7389	Ave		0.6985				9.9		20.0			
tert-Butylbenzene	3.0275 2.8786	2.7296	2.9731	2.9844	2.9053	Ave		2.9164				3.6		20.0			
1,2,4-Trimethylbenzene	3.5269 3.0948	2.7894	2.8851	2.8975	3.0625	Ave		3.0427				8.7		20.0			
sec-Butylbenzene	4.2253 4.1295	4.0659	4.4158	4.4260	4.3058	Ave		4.2614				3.5		20.0			
1,3-Dichlorobenzene	2.2162 1.7901	1.8393	1.8196	1.7875	1.7950	Ave		1.8746			0.6000	9.0		20.0			
1,4-Dichlorobenzene	2.2077 1.8212	1.8590	1.7872	1.7475	1.7874	Ave		1.8683			0.5000	9.1		20.0			
4-Isopropyltoluene	3.9860 3.7421	3.4261	3.6325	3.6704	3.7840	Ave		3.7068				5.0		20.0			
Benzyl chloride	1.6268 1.1407	1.3196	1.3394	1.2610	1.2049	Ave		1.3154				12.9		20.0			
Indan	3.4691 2.7688	2.7637	2.8955	2.8885	3.0014	Ave		2.9645				8.9		20.0			
1,2-Dichlorobenzene	2.0106 1.5824	1.6097	1.5967	1.5692	1.5752	Ave		1.6573			0.4000	10.5		20.0			
p-Diethylbenzene	2.3643 2.2331	2.0506	2.1535	2.1453	2.2980	Ave		2.2075				5.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	4.1423 3.8406	3.8236	3.9212	3.9286	4.0306	Ave		3.9478				3.1		20.0			
1,2-Dibromo-3-Chloropropane	0.1840 0.1362	0.1689	0.1543	0.1435	0.1331	Ave		0.1533			0.0500	13.0		20.0			
1,2,4,5-Tetramethylbenzene	3.3769 2.9623	3.0298	3.0758	3.0704	3.1790	Ave		3.1157				4.7		20.0			
1,3,5-Trichlorobenzene	1.8865 1.5393	1.6805	1.6094	1.5499	1.5882	Ave		1.6423				7.9		20.0			
Camphor	0.0978 0.0508	0.0851	0.0640	0.0577	0.0514	QuaF		0.0529	-0.000001						1.0000		0.9900
1,2,4-Trichlorobenzene	1.8237 1.2912	1.6067	1.3720	1.3233	1.2784	Ave		1.4492			0.2000	15.1		20.0			
Hexachlorobutadiene	0.9963 1.0479	1.0228	1.0592	1.0408	1.0111	Ave		1.0297				2.3		20.0			
Naphthalene	3.2356 1.8615	2.9368	2.3435	2.1738	1.9223	QuaF		2.0034	-0.000287						1.0000		0.9900
1,2,3-Trichlorobenzene	1.4916 1.0989	1.4725	1.2380	1.1595	1.0904	Ave		1.2585				14.4		20.0			
Dibromofluoromethane (Surr)	0.3420 0.2453	0.3448	0.3153	0.3015	0.2920	Ave		0.3068				12.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2967 0.2033	0.3059	0.2780	0.2622	0.2460	Ave		0.2654				14.1		20.0			
Toluene-d8 (Surr)	1.3395 1.1855	1.3224	1.3232	1.3796	1.4023	Ave		1.3254				5.7		20.0			
4-Bromofluorobenzene	0.4512 0.4048	0.4709	0.4611	0.4779	0.4785	Ave		0.4574				6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-300261/3	O98725.D
Level 2	STD5 460-300261/13	O98735.D
Level 3	STD20 460-300261/5	O98727.D
Level 4	STD50 460-300261/6	O98728.D
Level 5	STD200 460-300261/7	O98729.D
Level 6	STD500 460-300261/8	O98730.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	776 524310	3100	17061	42658	218648	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5303 3303502	27101	119207	301640	1365589	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4721 2520257	21435	95777	235704	1014433	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5097 2956008	24834	108957	269878	1191386	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4479 2799932	21772	98639	247632	1127553	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	5696 1924489	21966	70615	167172	769894	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3886 1855905	15843	69269	167400	757351	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6420 4209912	34928	157280	386663	1733484	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6760 4010936	33965	151476	374592	1647536	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1939 1194963	7287	36699	93533	475433	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	945 244822	3043	10675	23384	97877	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	3426 1547947	12801	47708	123435	601424	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4095 2172130	17467	80253	203227	927793	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	4012 2441533	16780	77463	203357	1009362	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	10193 73086	21607	35018	48452	59671	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4126 2577679	18627	83975	217174	990184	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3974 2809890	22931	89874	236997	1077037	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	11267 1691645	26268	78901	190318	668547	5.00 2500	25.0	100	250	1000
Iodomethane	FB	QuaF	879 3052865	8625	89143	271643	1289385	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	3456 792389	8171	28712	67321	307224	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	15231 7782868	73488	282373	717624	3192586	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	QuaF	3314 1493960	14350	52733	128986	543869	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBA	QuaF	13891 5255974	45143	188402	462183	2042905	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	2794 1621522	11333	54255	145689	638318	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	12095 6860187	51972	244808	623117	2899352	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	5066 2161757	18000	71702	183328	851876	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	6759 1396768	16020	48547	114392	524961	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	QuaF	10852 4276324	38222	149877	366065	1628511	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	5370 2649351	18991	86767	222422	1019910	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9145 4912772	37125	148580	401007	1932698	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3718 2323798	13195	68408	191866	905539	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8409 3875978	31092	138227	354274	1571383	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	Ave	1135 657129	3763	23708	57024	256463	25.0 12500	125	500	1250	5000
Vinyl acetate	BUT	Ave	329 182992	1761	7426	20431	69124	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	8316 5268445	29964	156868	450813	2220459	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	3758 2393015	15869	78841	209468	967576	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7951 4820977	26858	143258	413528	2098693	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	1467 879579	6201	28146	73697	340294	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4673 2468658	18031	79972	209492	961572	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	QuaF	2394 747660	6881	26988	68780	290683	5.00 2500	25.0	100	250	1000
Propionitrile	TBA	Ave	3873 1411900	13112	55220	132532	577802	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	3466 1783625	12369	58262	150004	696674	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2427 1274574	8545	34511	90707	428284	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	10930 5116048	39718	173343	435148	2065744	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	QuaF	2558 988679	8163	33904	85960	394924	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	473 289596	2945	10139	25229	111038	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	7082 3487923	27106	118693	310074	1399901	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6394 3471009	25153	118690	309736	1383382	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5293 3992189	26703	130700	346598	1580002	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4569 3066078	19206	96386	260385	1190224	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5359 3302540	22331	106295	282091	1281591	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	1669 1198458	8800	36727	94141	450246	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	15129 8127192	54104	265759	715235	3309580	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4739 2088279	16107	68063	174992	811398	1.00 500	5.00	20.0	50.0	200
2,2,4-Trimethylpentane	FB	Ave	11833 7980136	48744	241988	653616	3258717	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7152 4496007	25616	129238	356915	1830268	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	6634 4180539	22896	117877	340728	1744417	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	7075 2022203	16535	69171	176276	799865	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	Ave	16835 11481834	70543	341117	940176	4788294	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	3927 2408976	14306	73368	200941	933606	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3664 3193913	17496	90101	263193	1283019	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	QuaF	548 230460	1269	5887	14465	86690	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	5377 4306792	23600	123830	352039	1693895	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3456 1977054	11668	59641	161542	767882	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2077 905521	7287	30687	78894	358554	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	698 285609	2594	11508	26481	112287	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	3592 1639699	12323	53512	138731	664652	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	2407 1312920	8610	40778	108879	529105	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4990 2450552	16777	78885	210074	980891	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1236 512617	4508	17106	45233	205595	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1294 774294	4579	24494	66149	317430	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	BUT	Ave	4472 1981765	16262	70178	177068	762337	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4758 2824628	16982	87224	238417	1133908	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	8698 4073605	29645	128343	335892	1589094	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	16307 7777021	59972	261546	686950	3186962	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3705 2180820	13169	67044	182954	869951	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	3494 1327081	12538	46215	115271	524787	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2015 1051707	6548	33011	89066	417014	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3971 2563054	17789	81119	213860	1008060	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBZ	Ave	3920 2176207	14054	68904	186852	873253	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	7366 2651963	24171	97924	246200	1034499	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBZ	Ave	2950 1686286	10436	50327	140284	669165	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	QuaF	3366 1063133	9257	36018	92107	431966	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	2428 1246596	8213	40498	107463	496499	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10261 4940177	37240	160293	417194	1953672	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2990 1911797	10431	52201	151862	754910	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6048 2922650	21198	96349	249382	1147814	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	6676 3529268	25269	111016	295519	1413564	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6852 3395612	23482	102181	276263	1337620	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11033 5575969	41260	176939	473898	2243126	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	1882 965361	6405	25815	68864	346748	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2097 1121047	6893	32902	88464	432717	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	3637 1563127	10957	44883	118235	597505	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16220 8910198	65478	303486	798317	3657771	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1048 706153	4446	22604	58553	283465	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	4599 2240089	16625	71807	187255	872738	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2531 1365395	9199	41534	107125	517498	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	858 400694	2969	12741	32723	153841	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	533 343165	3211	11327	27476	129280	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19207 10381736	75728	333907	891323	4240802	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCB	Ave	11408 5877742	43146	183609	483520	2345660	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	16632 9155863	63100	275738	734766	3763510	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12335 6243363	44254	186584	492501	2443500	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13126 7698754	46632	208449	566142	2964749	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3131 1911610	11726	45403	124318	714218	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	12471 7047266	48959	217676	582336	2808399	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14528 7576632	50031	211232	565375	2960368	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	17405 10109640	72927	323309	863646	4162205	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9129 4382448	32990	133226	348785	1735124	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9094 4458639	33344	130849	340979	1727838	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	16419 9161162	61452	265955	716198	3657784	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6701 2792500	23668	98062	246056	1164703	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	14290 6778379	49570	212000	563619	2901354	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	8282 3874058	28873	116906	306201	1522695	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	9739 5466947	36781	157672	418609	2221405	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	17063 9402389	68582	287092	766579	3896184	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	758 333489	3030	11297	28000	128637	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	13910 7252224	54343	225198	599130	3073027	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	7771 3768469	30143	117834	302425	1535232	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	2015 622196	7631	23444	56337	248363	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7512 3161157	28819	100455	258212	1235766	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	4104 2565363	18346	77550	203081	977389	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	13328 4557185	52675	171584	424175	1858160	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6144 2690393	26411	90640	226249	1054030	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	144521 140390	126620	132860	143322	163941	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	125384 116357	112347	117151	124645	138131	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	509022 498143	431917	452554	498234	586176	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	171456 170104	153800	157688	172590	199998	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2015 06:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0027689-003
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:53:57 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:52:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	79	776	1.00	0.99	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	97	5303	1.00	0.9671	
3 Chloromethane	50	1.113	1.113	0.000	97	4721	1.00	1.08	
4 Vinyl chloride	62	1.156	1.156	0.000	96	5097	1.00	1.02	
5 Butadiene	54	1.168	1.168	0.000	89	4479	1.00	0.9874	
6 Bromomethane	94	1.338	1.338	0.000	92	5696	1.00	1.93	
7 Chloroethane	64	1.399	1.399	0.000	95	3886	1.00	1.19	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	96	6420	1.00	0.9180	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	98	6760	1.00	0.99	
10 Pentane	72	1.606	1.606	0.000	96	1939	2.00	2.18	
11 Ethanol	46	1.691	1.691	0.000	64	945	40.0	79.1	M
12 Ethyl ether	59	1.734	1.734	0.000	95	3426	1.00	1.33	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	88	4095	1.00	1.09	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	88	4012	1.00	1.06	
15 Acrolein	56	1.807	1.807	0.000	96	10193	100.0	92.7	
16 1,1-Dichloroethene	96	1.874	1.874	0.000	97	4126	1.00	1.03	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	83	3974	1.00	0.9109	
18 Acetone	43	1.904	1.904	0.000	89	11267	5.00	17.3	
19 Iodomethane	142	1.977	1.977	0.000	87	879	1.00	0.1745	
21 Isopropyl alcohol	45	2.007	2.007	0.000	30	3456	10.0	23.8	
20 Carbon disulfide	76	2.007	2.007	0.000	100	15231	1.00	1.11	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	3314	1.00	1.65	
23 Methyl acetate	43	2.123	2.123	0.000	98	13891	5.00	7.14	
24 Acetonitrile	39	2.160	2.160	0.000	27	2794	10.0	10.3	M
25 Cyclopentene	67	2.166	2.166	0.000	93	12095	1.00	1.06	
26 Methylene Chloride	84	2.184	2.184	0.000	89	5066	1.00	1.35	
* 27 TBA-d9 (IS)	65	2.226	2.226	0.000	98	207079	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	6759	10.0	27.6	
29 Acrylonitrile	53	2.354	2.354	0.000	97	10852	10.0	17.8	
30 trans-1,2-Dichloroethene	96	2.379	2.379	0.000	92	5370	1.00	1.25	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.385	2.385	0.000	94	9145	1.00	1.17	
32 Hexane	43	2.585	2.585	0.000	92	3718	1.00	1.09	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	99	8409	1.00	1.25	
34 Allyl alcohol	57	2.731	2.731	0.000	4	1135	25.0	26.3	M
35 Vinyl acetate	86	2.731	2.731	0.000	87	329	2.00	1.86	
36 Isopropyl ether	45	2.750	2.750	0.000	92	8316	1.00	1.06	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	84	3758	1.00	1.01	
38 Tert-butyl ethyl ether	59	3.042	3.042	0.000	89	7951	1.00	1.09	
* 157 2-Butanone-d5	46	3.109	3.109	0.000	100	150841	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	71	1467	1.00	1.07	M
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	95	4673	1.00	1.18	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	97	2394	5.00	8.81	
42 Propionitrile	54	3.206	3.206	0.000	91	3873	10.0	13.7	
43 Ethyl acetate	43	3.224	3.224	0.000	98	3466	2.00	2.27	
44 Methyl acrylate	55	3.248	3.248	0.000	98	2427	1.00	1.30	
45 Methacrylonitrile	67	3.334	3.334	0.000	88	10930	10.0	12.7	
46 Chlorobromomethane	128	3.340	3.340	0.000	56	2558	1.00	1.69	
47 Tetrahydrofuran	71	3.382	3.382	0.000	39	473	2.00	1.82	
48 Chloroform	83	3.413	3.413	0.000	99	7082	1.00	1.21	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.553	0.000	99	144521	50.0	55.7	
50 1,1,1-Trichloroethane	97	3.571	3.571	0.000	98	6394	1.00	1.13	
51 Cyclohexane	56	3.626	3.626	0.000	88	5293	1.00	0.8822	
53 Carbon tetrachloride	117	3.723	3.723	0.000	94	5359	1.00	1.05	
52 1,1-Dichloropropene	75	3.723	3.723	0.000	95	4569	1.00	1.00	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	125384	50.0	55.9	
55 Isobutyl alcohol	43	3.881	3.881	0.000	10	1669	25.0	22.4	M
56 Benzene	78	3.918	3.918	0.000	95	15129	1.00	1.04	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	95	4739	1.00	1.35	
58 Isooctane	57	4.021	4.021	0.000	95	11833	1.00	1.00	
72 Isopropyl acetate	43	4.021	4.021	0.000	70	7152	1.00	1.09	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	6634	1.00	1.09	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	422592	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	7075	1.00	2.32	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	16835	2.00	1.98	
64 Trichloroethene	95	4.569	4.569	0.000	94	3927	1.00	1.09	
63 n-Butanol	43	4.763	4.763	0.000	48	548	25.0	35.2	M
65 Ethyl acrylate	55	4.769	4.769	0.000	72	3664	1.00	0.8317	
66 Methylcyclohexane	83	4.769	4.769	0.000	92	5377	1.00	0.8959	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	89	3456	1.00	1.16	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	98	21271	1000.0	1000.0	
69 Dibromomethane	93	4.915	4.915	0.000	50	2077	1.00	1.33	
71 1,4-Dioxane	88	4.964	4.964	0.000	35	698	20.0	26.2	
70 Methyl methacrylate	41	4.970	4.970	0.000	80	3592	2.00	2.61	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	2407	1.00	1.17	
74 Dichlorobromomethane	83	5.110	5.110	0.000	98	4990	1.00	1.26	
75 2-Nitropropane	41	5.384	5.384	0.000	93	1236	2.00	3.13	
76 2-Chloroethyl vinyl ether	63	5.505	5.505	0.000	86	1294	1.00	1.10	
77 Epichlorohydrin	57	5.548	5.548	0.000	98	4472	20.0	24.5	
78 cis-1,3-Dichloropropene	75	5.651	5.651	0.000	91	4758	1.00	0.9900	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	8698	5.00	6.14	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	509022	50.0	50.5	
81 Toluene	91	6.053	6.053	0.000	92	16307	1.00	1.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.357	6.357	0.000	97	3705	1.00	1.00	
83 Ethyl methacrylate	69	6.540	6.540	0.000	88	3494	1.00	1.29	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	90	2015	1.00	1.09	
85 Tetrachloroethene	166	6.765	6.765	0.000	94	3971	1.00	0.9047	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	94	3920	1.00	1.03	
87 2-Hexanone	43	6.984	6.984	0.000	95	7366	5.00	6.97	
88 Chlorodibromomethane	129	7.099	7.099	0.000	94	2950	1.00	1.03	
89 n-Butyl acetate	43	7.203	7.203	0.000	99	3366	1.00	1.70	
90 Ethylene Dibromide	107	7.233	7.233	0.000	95	2428	1.00	1.09	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.000	84	380012	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	97	10261	1.00	1.13	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	2990	1.00	0.9748	
94 Ethylbenzene	106	8.158	8.158	0.000	98	6048	1.00	1.13	
95 m-Xylene & p-Xylene	106	8.347	8.347	0.000	95	6676	1.00	1.06	
96 o-Xylene	106	8.943	8.943	0.000	93	6852	1.00	1.14	
97 Styrene	104	8.973	8.973	0.000	98	11033	1.00	1.09	
98 n-Butyl acrylate	73	9.022	9.022	0.000	99	1882	1.00	1.18	
99 Bromoform	173	9.192	9.192	0.000	95	2097	1.00	1.11	
100 Amyl acetate (mixed isomer	43	9.417	9.417	0.000	90	3637	1.00	1.33	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	16220	1.00	0.99	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	171456	50.0	49.3	
103 Camphene	41	9.916	9.916	0.000	91	1048	1.00	0.8811	
104 Bromobenzene	156	9.946	9.946	0.000	89	4599	1.00	1.15	
105 1,1,2,2-Tetrachloroethane	83	10.050	10.050	0.000	97	2531	1.00	1.10	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	94	858	1.00	1.20	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	65	533	1.00	0.8844	
108 N-Propylbenzene	91	10.220	10.220	0.000	100	19207	1.00	1.05	
109 2-Chlorotoluene	91	10.299	10.299	0.000	96	11408	1.00	1.11	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	16632	1.00	1.07	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	12335	1.00	1.15	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	92	13126	1.00	1.08	
113 Butyl Methacrylate	87	10.810	10.810	0.000	85	3131	1.00	1.09	
114 tert-Butylbenzene	119	11.066	11.066	0.000	96	12471	1.00	1.04	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	96	14528	1.00	1.16	
116 sec-Butylbenzene	105	11.400	11.400	0.000	99	17405	1.00	0.99	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	99	9129	1.00	1.18	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	205960	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	94	9094	1.00	1.18	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	96	16419	1.00	1.08	
121 Benzyl chloride	91	11.826	11.826	0.000	99	6701	1.00	1.24	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	14290	1.00	1.17	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	8282	1.00	1.21	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	9739	1.00	1.07	
125 n-Butylbenzene	91	12.149	12.149	0.000	96	17063	1.00	1.05	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.934	0.000	76	758	1.00	1.20	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	13910	1.00	1.08	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	96	7771	1.00	1.15	
129 Camphor	95	13.603	13.603	0.000	86	2015	5.00	9.24	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	92	7512	1.00	1.26	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	95	4104	1.00	0.9676	
132 Naphthalene	128	13.889	13.889	0.000	99	13328	1.00	1.62	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	94	6144	1.00	1.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.43	
S 135 Xylenes, Total	100				0		2.00	2.20	
S 136 Total BTEX	1				0		5.00	5.49	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	1.00	Units: uL	
GASES Li_00103	Amount Added:	1.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

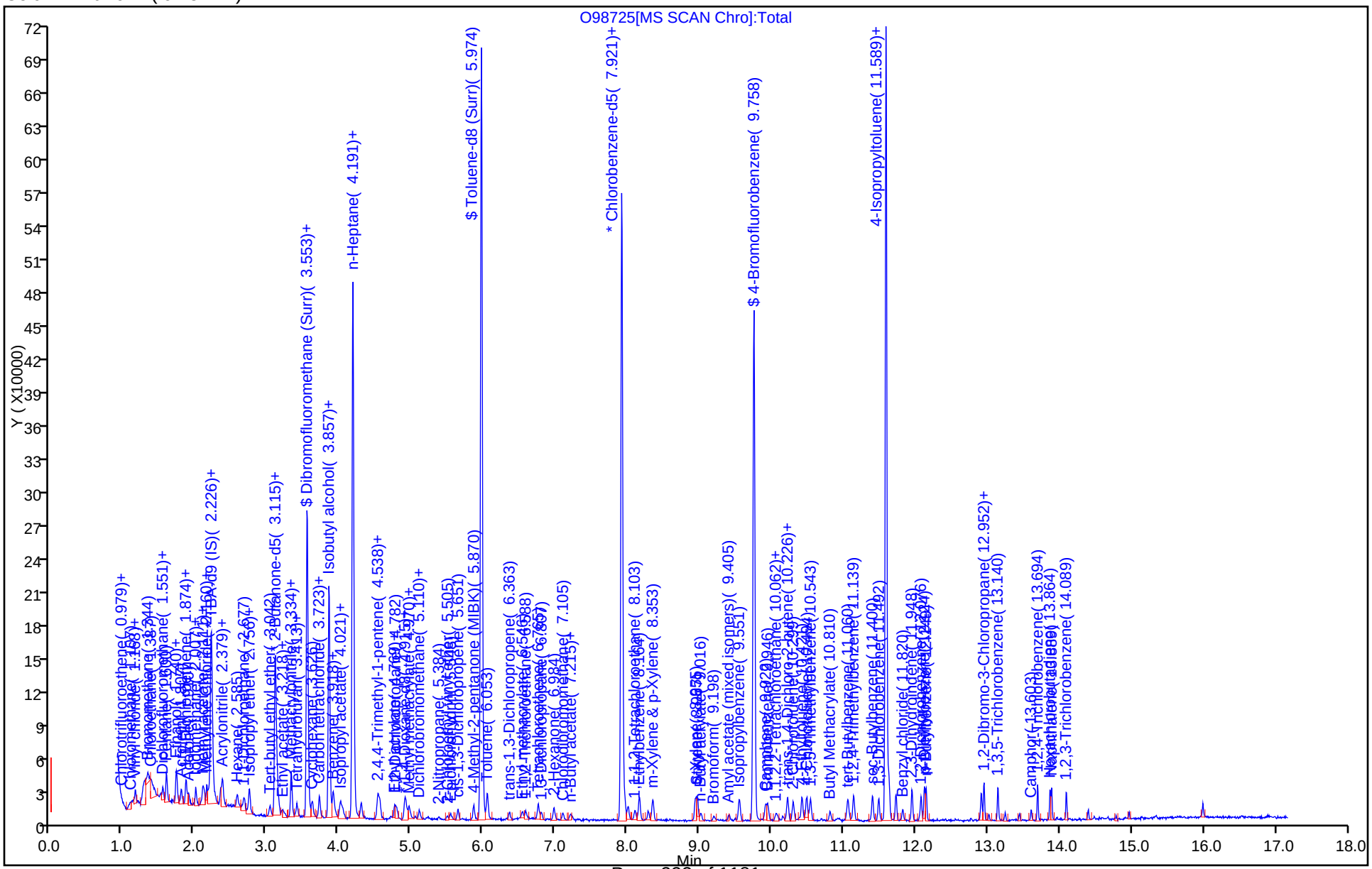
Report Date: 26-May-2015 20:53:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D

Injection Date:	22-May-2015 06:22:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

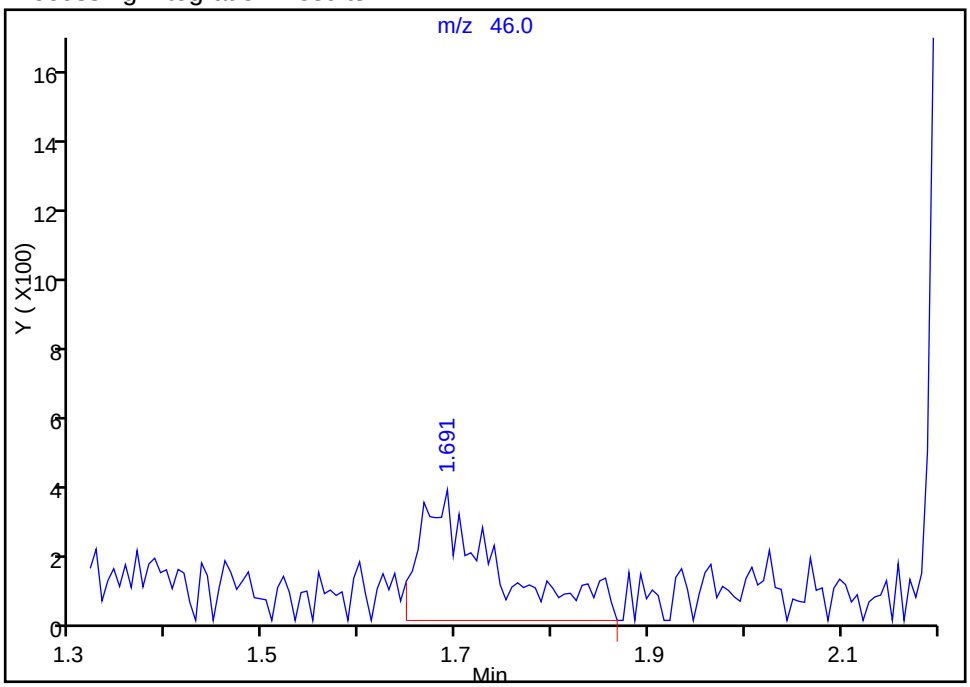
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethanol, CAS: 64-17-5

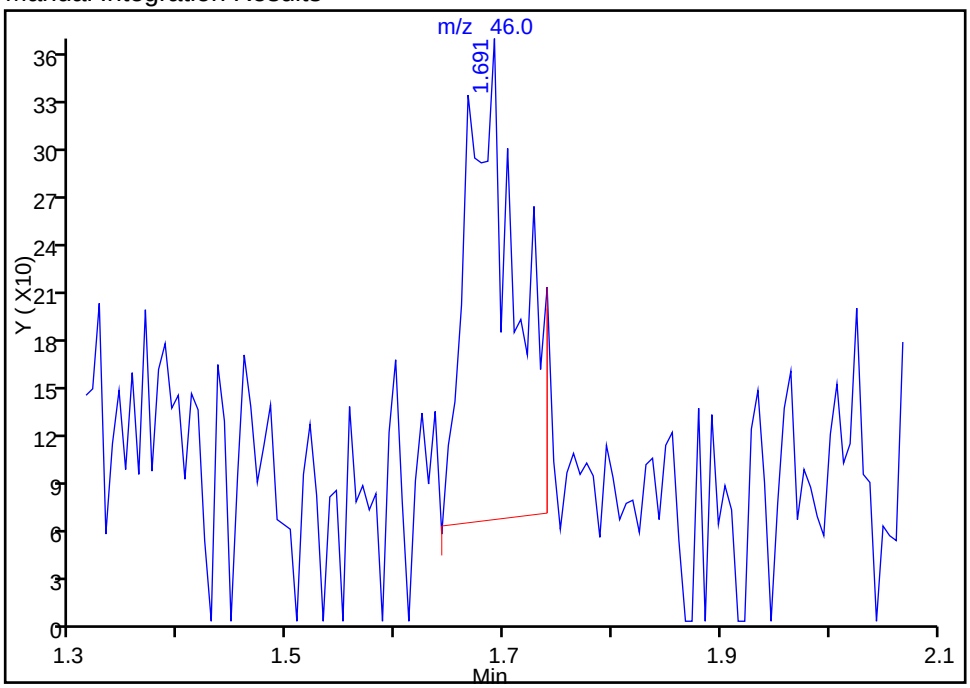
Processing Integration Results

RT: 1.69
Area: 1931
Amount: 161.9082
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 945
Amount: 79.126084
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:18:31
Audit Action: Manually Integrated
Audit Reason: Baseline

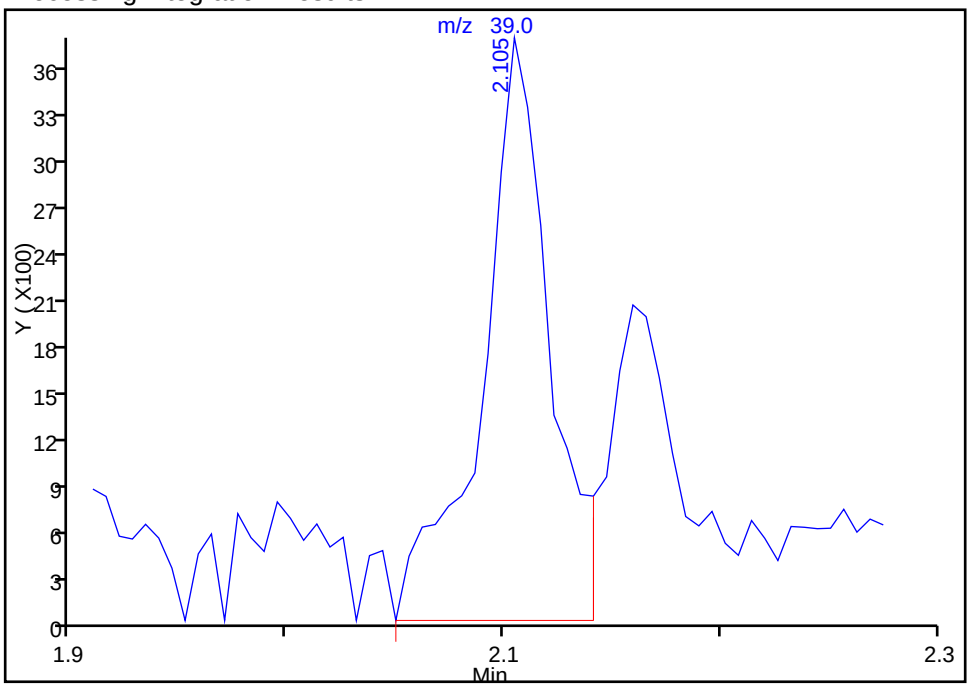
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

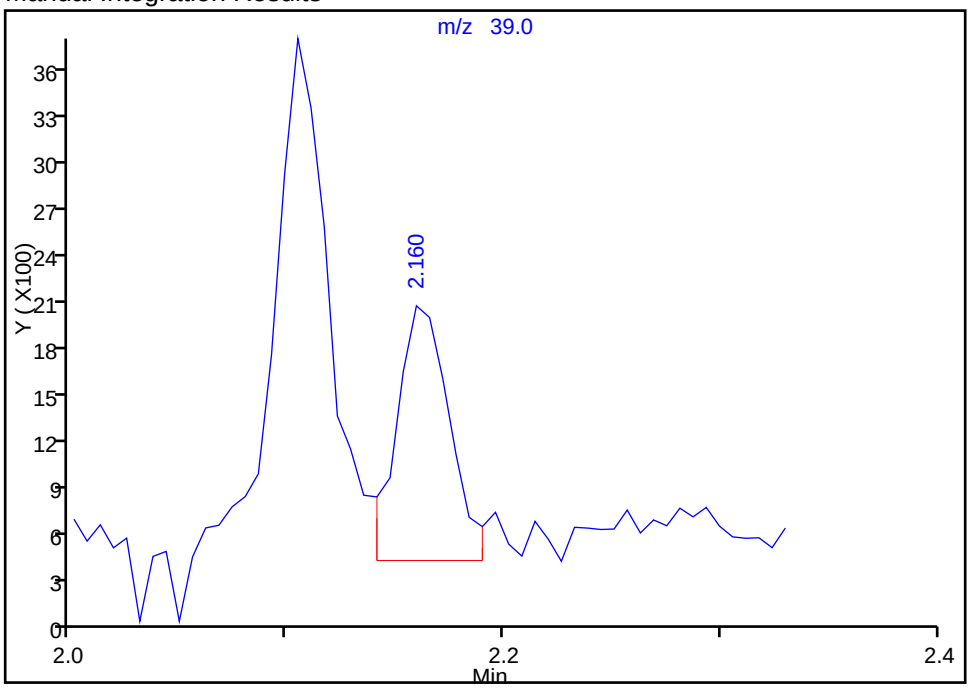
Processing Integration Results

RT: 2.10
Area: 8099
Amount: 17.929675
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 2794
Amount: 10.290700
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

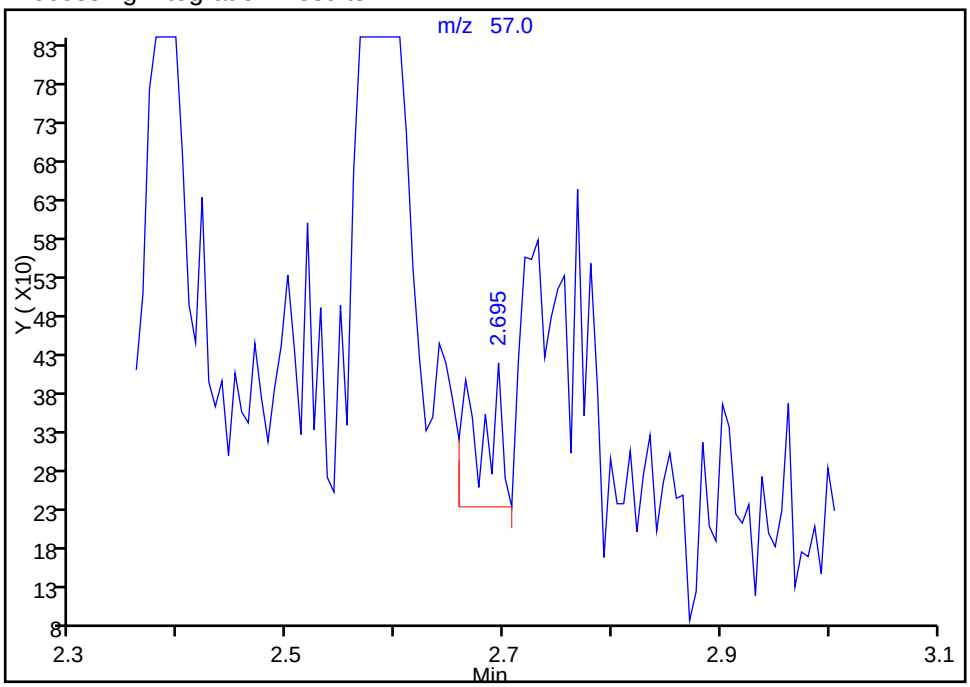
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Allyl alcohol, CAS: 107-18-6

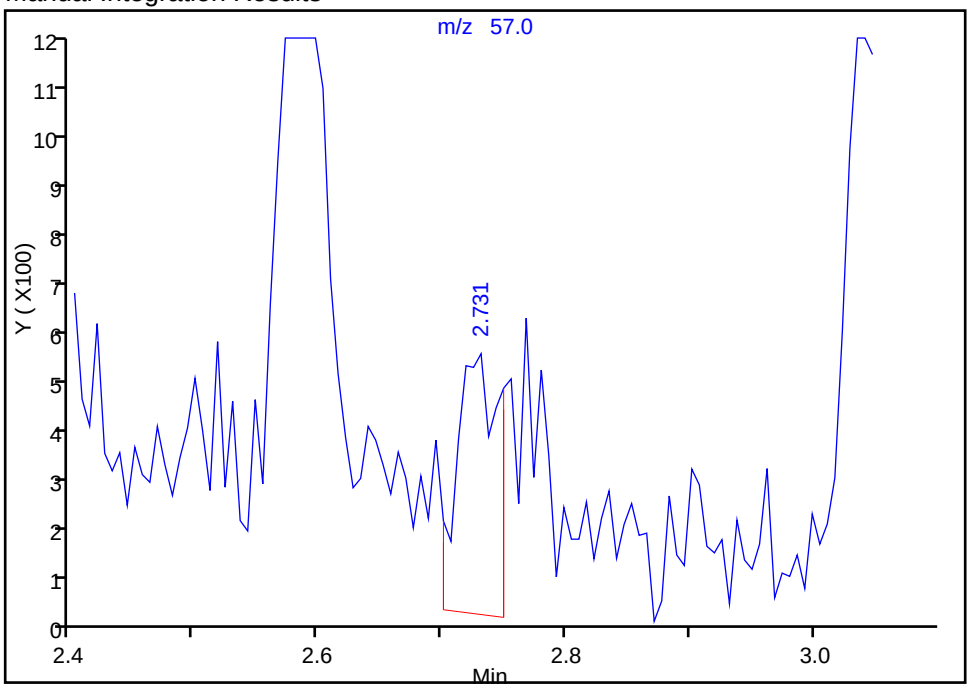
Processing Integration Results

RT: 2.69
Area: 283
Amount: 5.795404
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 1135
Amount: 26.313546
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:22:27
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

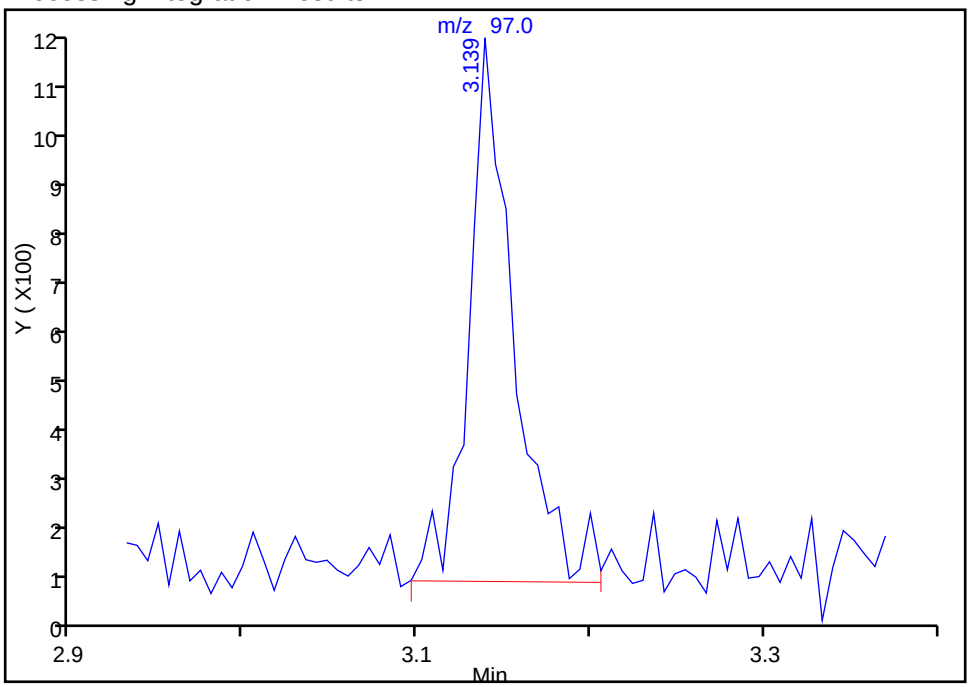
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 2,2-Dichloropropane, CAS: 594-20-7

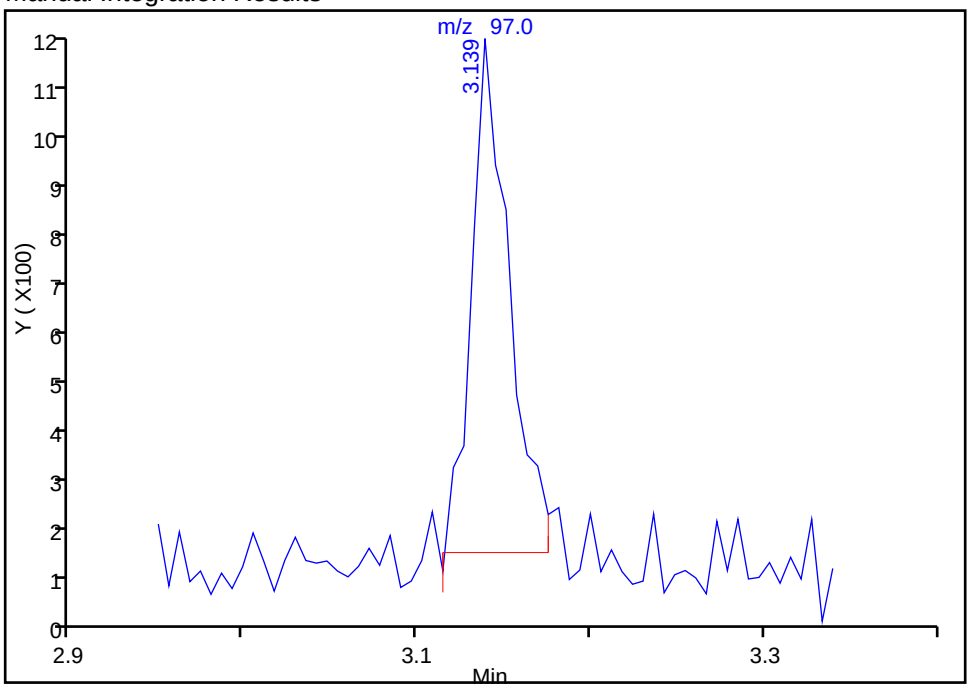
Processing Integration Results

RT: 3.14
Area: 1876
Amount: 1.306893
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 1467
Amount: 1.074002
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:23:53
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

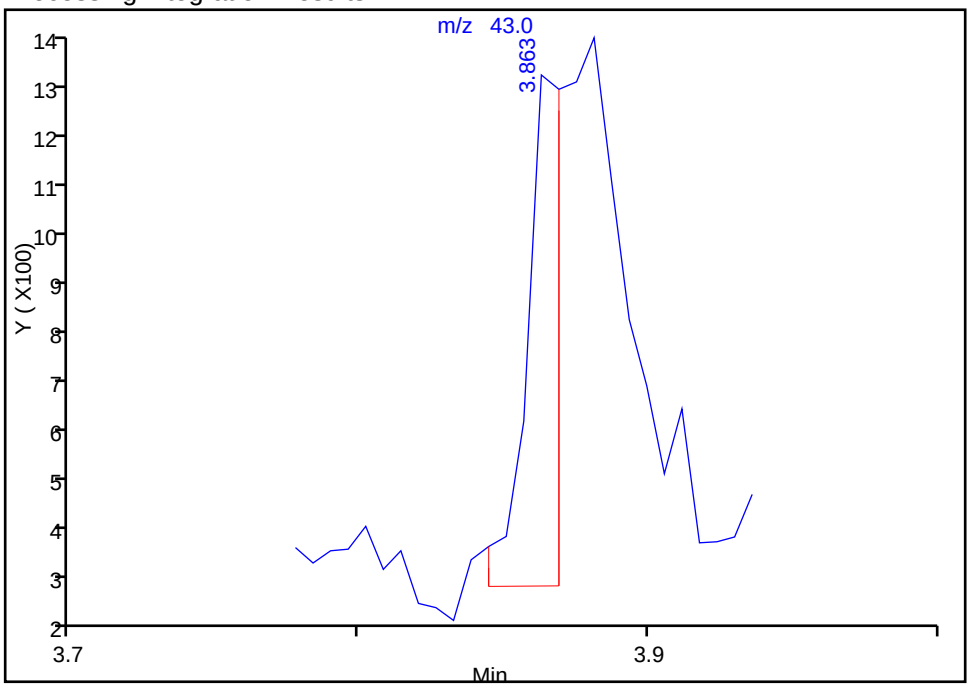
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 Isobutyl alcohol, CAS: 78-83-1

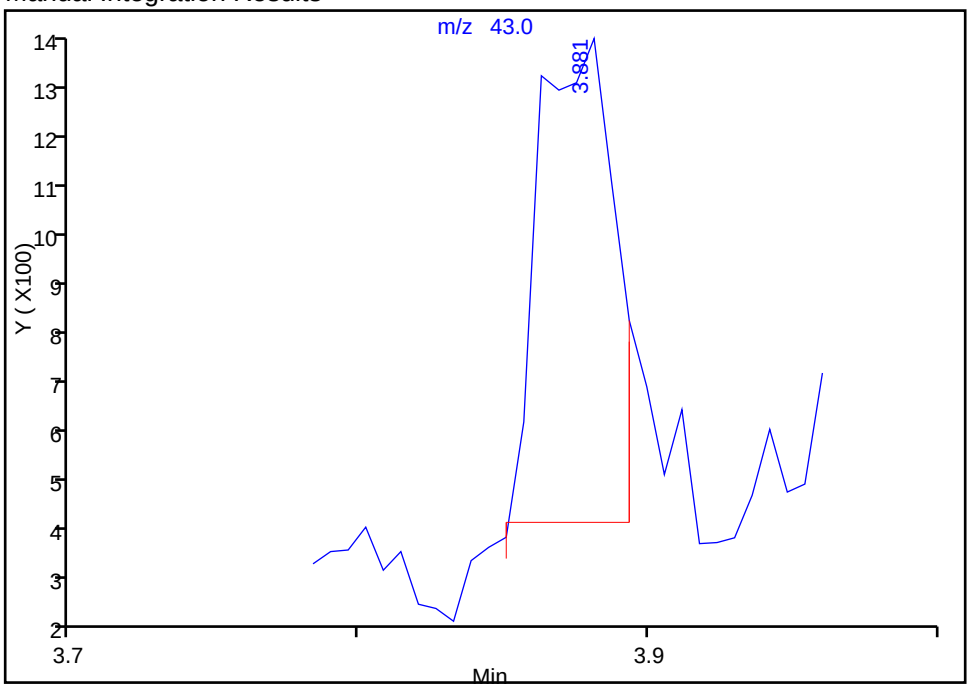
Processing Integration Results

RT: 3.86
Area: 867
Amount: 10.420059
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 1669
Amount: 22.383139
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:26:05
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

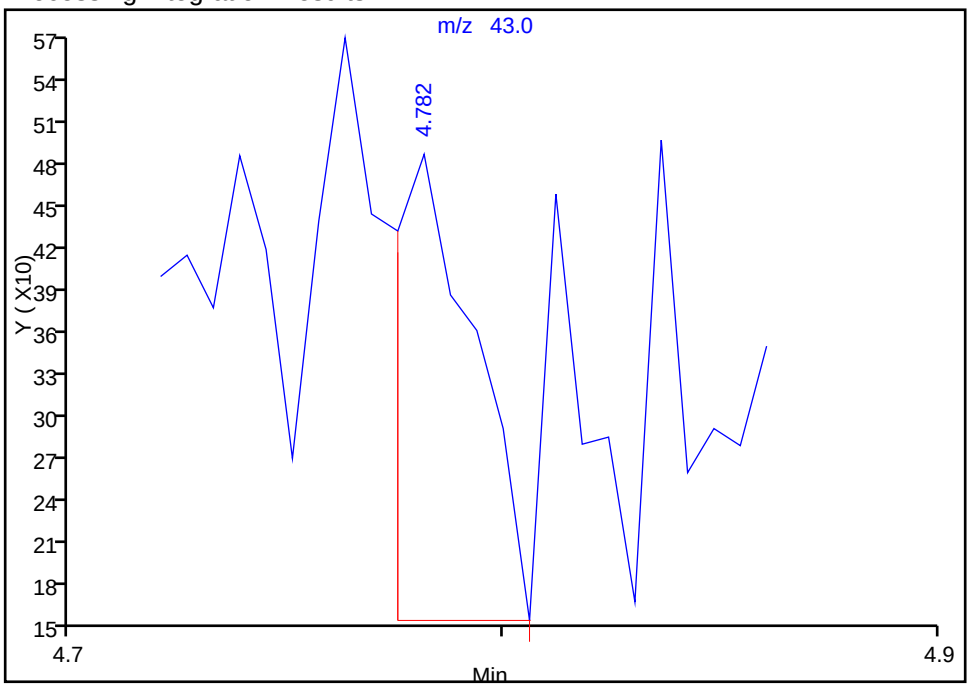
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

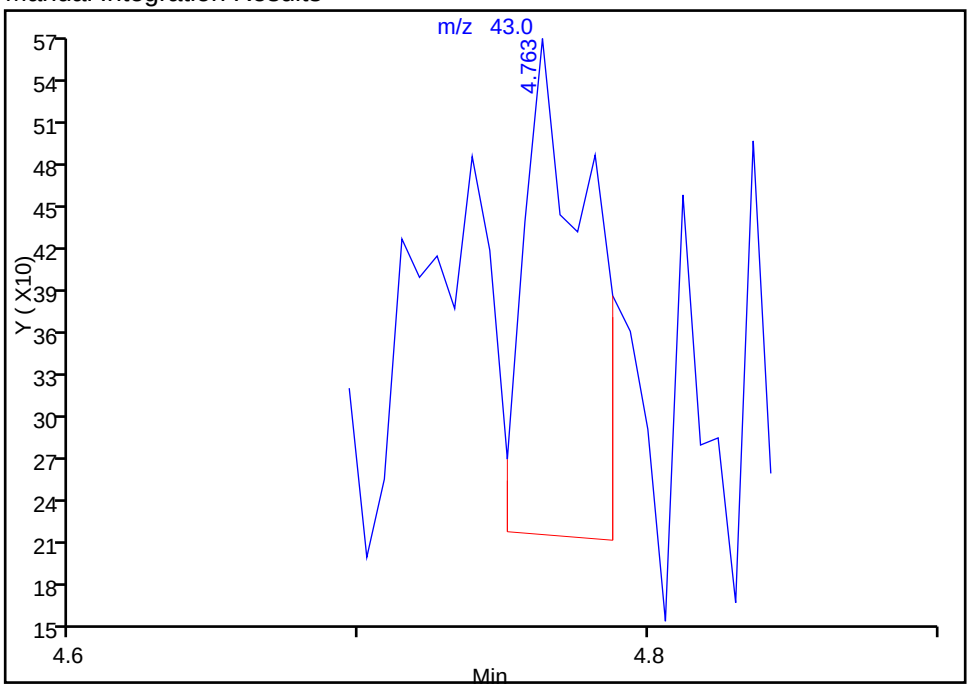
Processing Integration Results

RT: 4.78
Area: 427
Amount: 30.276243
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 548
Amount: 35.227857
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:28:15
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98727.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-May-2015 07:12:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0027689-005
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 22-May-2015 10:05:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	92	17061	20.0	21.8	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	119207	20.0	21.8	
3 Chloromethane	50	1.113	1.113	0.000	98	95777	20.0	22.0	
4 Vinyl chloride	62	1.156	1.156	0.000	98	108957	20.0	21.9	
5 Butadiene	54	1.168	1.168	0.000	96	98639	20.0	21.8	
6 Bromomethane	94	1.344	1.344	0.000	99	70615	20.0	24.0	
7 Chloroethane	64	1.405	1.405	0.000	99	69269	20.0	21.3	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	157280	20.0	22.6	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	98	151476	20.0	22.3	
10 Pentane	72	1.606	1.606	0.000	96	36699	40.0	41.4	
11 Ethanol	46	1.667	1.667	0.000	93	10675	800.0	934.1	
12 Ethyl ether	59	1.733	1.733	0.000	96	47708	20.0	18.5	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	80253	20.0	21.5	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	77463	20.0	20.5	
15 Acrolein	56	1.806	1.806	0.000	96	35018	300.0	330.0	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	83975	20.0	21.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.879	1.879	0.000	94	89874	20.0	20.7	
18 Acetone	43	1.904	1.904	0.000	89	78901	100.0	121.0	
19 Iodomethane	142	1.971	1.971	0.000	97	89143	20.0	17.8	
21 Isopropyl alcohol	45	2.007	2.007	0.000	29	28712	200.0	205.6	
20 Carbon disulfide	76	2.013	2.013	0.000	99	282373	20.0	20.6	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	52733	20.0	26.3	
23 Methyl acetate	43	2.123	2.123	0.000	99	188402	100.0	101.0	
24 Acetonitrile	39	2.165	2.165	0.000	32	54255	200.0	207.0	
25 Cyclopentene	67	2.165	2.165	0.000	95	244808	20.0	21.5	
26 Methylene Chloride	84	2.190	2.190	0.000	91	71702	20.0	19.2	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	199935	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	99	48547	200.0	206.4	
29 Acrylonitrile	53	2.354	2.354	0.000	94	149877	200.0	245.6	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	86767	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	96	148580	20.0	19.1	
32 Hexane	43	2.585	2.585	0.000	92	68408	20.0	20.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	138227	20.0	20.6	
34 Allyl alcohol	57	2.725	2.725	0.000	33	23708	500.0	569.3	
35 Vinyl acetate	86	2.731	2.731	0.000	99	7426	40.0	41.9	
36 Isopropyl ether	45	2.749	2.749	0.000	96	156868	20.0	20.0	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	78841	20.0	21.3	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	89	143258	20.0	19.7	
* 157 2-Butanone-d5	46	3.108	3.108	0.000	100	151347	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	84	28146	20.0	20.7	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	96	79972	20.0	20.2	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	26988	100.0	99.1	
42 Propionitrile	54	3.206	3.206	0.000	94	55220	200.0	202.7	
43 Ethyl acetate	43	3.224	3.224	0.000	100	58262	40.0	38.1	
44 Methyl acrylate	55	3.248	3.248	0.000	99	34511	20.0	18.5	
45 Methacrylonitrile	67	3.333	3.333	0.000	90	173343	200.0	201.2	
46 Chlorobromomethane	128	3.340	3.340	0.000	77	33904	20.0	22.5	
47 Tetrahydrofuran	71	3.388	3.388	0.000	80	10139	40.0	38.8	
48 Chloroform	83	3.419	3.419	0.000	100	118693	20.0	20.3	
$ 49 Dibromofluoromethane (Surr	113	3.552	3.552	0.000	99	132860	50.0	51.4	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	97	118690	20.0	21.0	
51 Cyclohexane	56	3.625	3.625	0.000	88	130700	20.0	21.8	
53 Carbon tetrachloride	117	3.723	3.723	0.000	97	106295	20.0	20.9	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	96	96386	20.0	21.1	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	117151	50.0	52.4	
55 Isobutyl alcohol	43	3.869	3.869	0.000	92	36727	500.0	510.1	
56 Benzene	78	3.917	3.917	0.000	95	265759	20.0	20.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	68063	20.0	19.4	
58 Isooctane	57	4.015	4.015	0.000	96	241988	20.0	20.5	
72 Isopropyl acetate	43	4.021	4.021	0.000	60	129238	20.0	19.7	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	117877	20.0	19.4	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	421411	50.0	50.0	
61 n-Heptane	71	4.209	4.209	0.000	100	69171	20.0	22.7	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	341117	40.0	40.3	
64 Trichloroethene	95	4.568	4.568	0.000	97	73368	20.0	20.5	
63 n-Butanol	43	4.769	4.769	0.000	46	5887	500.0	392.9	
65 Ethyl acrylate	55	4.769	4.769	0.000	73	90101	20.0	20.5	
66 Methylcyclohexane	83	4.769	4.769	0.000	93	123830	20.0	20.7	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	91	59641	20.0	20.1	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	40	21194	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	30687	20.0	19.7	
71 1,4-Dioxane	88	4.970	4.970	0.000	33	11508	400.0	433.2	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	53512	40.0	39.0	
73 n-Propyl acetate	43	5.055	5.055	0.000	98	40778	20.0	19.9	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	78885	20.0	19.9	
75 2-Nitropropane	41	5.378	5.378	0.000	95	17106	40.0	43.5	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	94	24494	20.0	20.8	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	70178	400.0	382.8	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	91	87224	20.0	20.2	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	128343	100.0	90.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	452554	50.0	49.9	
81 Toluene	91	6.053	6.053	0.000	93	261546	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	67044	20.0	20.1	
83 Ethyl methacrylate	69	6.546	6.546	0.000	87	46215	20.0	19.0	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	94	33011	20.0	19.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	96	81119	20.0	20.5	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	68904	20.0	20.1	
87 2-Hexanone	43	6.978	6.978	0.000	94	97924	100.0	92.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	97	50327	20.0	19.5	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	36018	20.0	20.2	
90 Ethylene Dibromide	107	7.233	7.233	0.000	98	40498	20.0	20.2	
* 91 Chlorobenzene-d5	117	7.920	7.920	0.000	84	342007	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	160293	20.0	19.6	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	52201	20.0	18.9	
94 Ethylbenzene	106	8.170	8.170	0.000	97	96349	20.0	20.0	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	96	111016	20.0	19.6	
96 o-Xylene	106	8.942	8.942	0.000	94	102181	20.0	18.9	
97 Styrene	104	8.973	8.973	0.000	96	176939	20.0	19.4	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	25815	20.0	18.0	
99 Bromoform	173	9.204	9.204	0.000	99	32902	20.0	19.3	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	44883	20.0	18.5	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	303486	20.0	20.7	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	157688	50.0	50.4	
103 Camphene	41	9.922	9.922	0.000	93	22604	20.0	21.1	
104 Bromobenzene	156	9.952	9.952	0.000	90	71807	20.0	20.3	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	41534	20.0	20.4	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	12741	20.0	20.1	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	96	11327	20.0	21.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	333907	20.0	20.5	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	183609	20.0	20.1	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	275738	20.0	19.9	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	186584	20.0	19.6	
112 1,3,5-Trimethylbenzene	105	10.542	10.542	0.000	93	208449	20.0	19.3	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	45403	20.0	17.8	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	217676	20.0	20.4	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	211232	20.0	19.0	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	323309	20.0	20.7	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	98	133226	20.0	19.4	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	183040	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	130849	20.0	19.1	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	98	265955	20.0	19.6	
121 Benzyl chloride	91	11.826	11.826	0.000	99	98062	20.0	20.4	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	212000	20.0	19.5	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	116906	20.0	19.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	157672	20.0	19.5	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	287092	20.0	19.9	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	91	11297	20.0	20.1	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	225198	20.0	19.7	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	117834	20.0	19.6	
129 Camphor	95	13.603	13.603	0.000	89	23444	100.0	121.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	100455	20.0	18.9	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	77550	20.0	20.6	
132 Naphthalene	128	13.888	13.888	0.000	99	171584	20.0	23.5	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	90640	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 135 Xylenes, Total	100				0		40.0	38.5	
S 136 Total BTEX	1				0		100.0	98.7	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

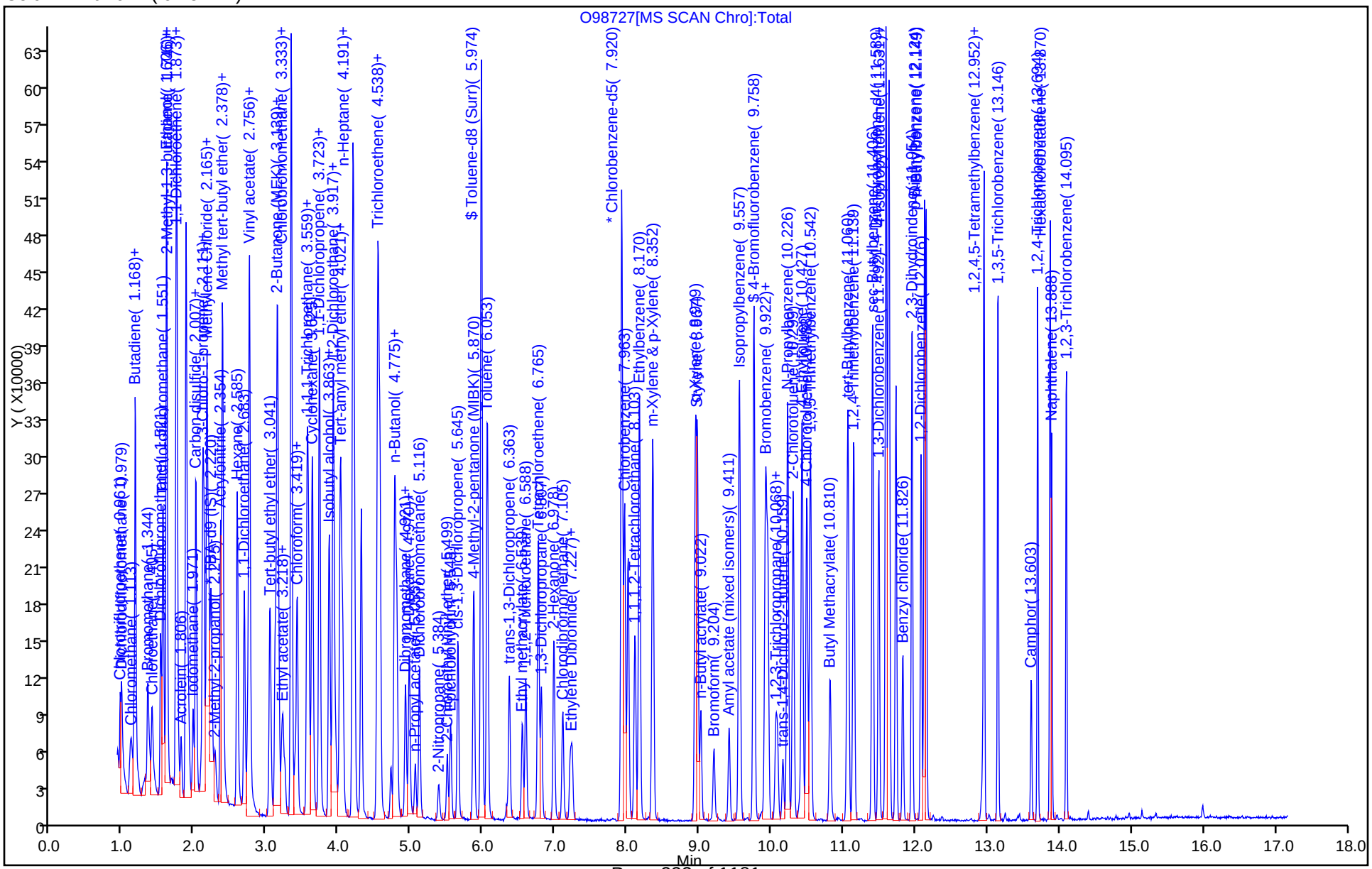
Report Date: 26-May-2015 20:54:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98727.D

Injection Date:	22-May-2015 07:12:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98728.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2015 07:38:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0027689-006
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:13 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:51:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	92	42658	50.0	48.4	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	301640	50.0	48.9	
3 Chloromethane	50	1.113	1.113	0.000	99	235704	50.0	48.0	
4 Vinyl chloride	62	1.156	1.156	0.000	98	269878	50.0	48.1	
5 Butadiene	54	1.168	1.168	0.000	95	247632	50.0	48.5	
6 Bromomethane	94	1.344	1.344	0.000	99	167172	50.0	50.4	
7 Chloroethane	64	1.405	1.405	0.000	99	167400	50.0	45.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	386663	50.0	49.2	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	374592	50.0	48.8	
10 Pentane	72	1.606	1.606	0.000	96	93533	100.0	93.5	
11 Ethanol	46	1.667	1.667	0.000	95	23384	2000.0	2044.4	
12 Ethyl ether	59	1.734	1.733	0.001	96	123435	50.0	42.5	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	203227	50.0	48.3	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	203357	50.0	47.6	
15 Acrolein	56	1.807	1.806	0.001	95	48452	400.0	450.9	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	217174	50.0	48.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	94	236997	50.0	48.3	
18 Acetone	43	1.904	1.904	0.000	87	190318	250.0	294.1	
19 Iodomethane	142	1.971	1.971	0.000	97	271643	50.0	48.4	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	99	67321	500.0	480.2	
20 Carbon disulfide	76	2.013	2.013	0.000	99	717624	50.0	46.4	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	94	128986	50.0	56.6	
23 Methyl acetate	43	2.123	2.123	0.000	99	462183	250.0	247.0	
24 Acetonitrile	39	2.165	2.165	0.000	38	145689	500.0	548.8	
25 Cyclopentene	67	2.165	2.165	0.000	96	623117	50.0	48.6	
26 Methylene Chloride	84	2.190	2.190	0.000	91	183328	50.0	43.5	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	202467	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	99	114392	500.0	483.5	
29 Acrylonitrile	53	2.354	2.354	0.000	95	366065	500.0	530.9	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	222422	50.0	46.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	97	401007	50.0	45.7	
32 Hexane	43	2.585	2.585	0.000	92	191866	50.0	50.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	100	354274	50.0	46.7	
34 Allyl alcohol	57	2.725	2.725	0.000	79	57024	1250.0	1352.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	20431	100.0	115.4	
36 Isopropyl ether	45	2.749	2.749	0.000	96	450813	50.0	50.9	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	209468	50.0	50.2	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	90	413528	50.0	50.5	
* 157 2-Butanone-d5	46	3.108	3.108	0.000	99	151270	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	83	73697	50.0	48.0	
39 cis-1,2-Dichloroethene	96	3.139	3.145	-0.006	96	209492	50.0	46.9	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	68780	250.0	253.5	
42 Propionitrile	54	3.206	3.206	0.000	98	132532	500.0	480.5	
43 Ethyl acetate	43	3.224	3.224	0.000	100	150004	100.0	98.0	
44 Methyl acrylate	55	3.248	3.248	0.000	100	90707	50.0	43.1	
45 Methacrylonitrile	67	3.334	3.333	0.001	90	435148	500.0	447.9	
46 Chlorobromomethane	128	3.340	3.340	0.000	80	85960	50.0	50.7	
47 Tetrahydrofuran	71	3.388	3.388	0.000	78	25229	100.0	96.6	
48 Chloroform	83	3.419	3.419	0.000	100	310074	50.0	47.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.552	0.001	98	143322	50.0	49.1	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	309736	50.0	48.6	
51 Cyclohexane	56	3.626	3.625	0.001	88	346598	50.0	51.4	
53 Carbon tetrachloride	117	3.729	3.723	0.006	96	282091	50.0	49.3	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	260385	50.0	50.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	124645	50.0	49.4	
55 Isobutyl alcohol	43	3.869	3.869	0.000	91	94141	1250.0	1291.3	
56 Benzene	78	3.918	3.917	0.001	95	715235	50.0	51.7	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	174992	50.0	44.2	
58 Isooctane	57	4.015	4.015	0.000	96	653616	50.0	49.2	
72 Isopropyl acetate	43	4.021	4.021	0.000	92	356915	50.0	48.3	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	340728	50.0	49.6	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	475307	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	176276	50.0	51.4	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	940176	100.0	98.5	
64 Trichloroethene	95	4.568	4.568	0.000	97	200941	50.0	49.8	
63 n-Butanol	43	4.769	4.769	0.000	45	14465	1250.0	956.8	
65 Ethyl acrylate	55	4.769	4.769	0.000	74	263193	50.0	53.1	
66 Methylcyclohexane	83	4.769	4.769	0.000	93	352039	50.0	52.1	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	161542	50.0	48.4	
* 68 1,4-Dioxane-d8	96	4.909	4.915	-0.006	35	21830	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	78894	50.0	44.9	
71 1,4-Dioxane	88	4.970	4.970	0.000	32	26481	1000.0	967.7	
70 Methyl methacrylate	41	4.970	4.970	0.000	83	138731	100.0	89.7	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	108879	50.0	47.2	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	210074	50.0	47.0	
75 2-Nitropropane	41	5.384	5.378	0.006	97	45233	100.0	102.2	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	95	66149	50.0	49.8	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	177068	1000.0	966.3	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	91	238417	50.0	52.2	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	335892	250.0	236.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	498234	50.0	52.0	
81 Toluene	91	6.059	6.053	0.006	93	686950	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	182954	50.0	51.9	
83 Ethyl methacrylate	69	6.540	6.546	-0.006	87	115271	50.0	44.9	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	95	89066	50.0	50.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	96	213860	50.0	51.3	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	186852	50.0	51.6	
87 2-Hexanone	43	6.978	6.978	0.000	94	246200	250.0	232.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	140284	50.0	51.4	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	92107	50.0	49.0	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	107463	50.0	50.8	
* 91 Chlorobenzene-d5	117	7.921	7.920	0.001	84	361141	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	417194	50.0	48.4	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	94	151862	50.0	52.1	
94 Ethylbenzene	106	8.170	8.170	0.000	98	249382	50.0	49.1	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	95	295519	50.0	49.4	
96 o-Xylene	106	8.943	8.942	0.001	95	276263	50.0	48.4	
97 Styrene	104	8.973	8.973	0.000	97	473898	50.0	49.3	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	68864	50.0	45.4	
99 Bromoform	173	9.204	9.204	0.000	99	88464	50.0	49.1	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	91	118235	50.0	45.8	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	798317	50.0	51.5	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	172590	50.0	52.2	
103 Camphene	41	9.922	9.922	0.000	93	58553	50.0	51.8	
104 Bromobenzene	156	9.952	9.952	0.000	92	187255	50.0	49.6	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	107125	50.0	49.4	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	32723	50.0	48.5	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	97	27476	50.0	48.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	891323	50.0	51.4	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	483520	50.0	49.6	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	734766	50.0	49.7	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	492501	50.0	48.5	
112 1,3,5-Trimethylbenzene	105	10.543	10.542	0.001	93	566142	50.0	49.0	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	124318	50.0	45.6	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	582336	50.0	51.2	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	97	565375	50.0	47.6	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	863646	50.0	51.9	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	348785	50.0	47.7	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	195128	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	96	340979	50.0	46.8	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	98	716198	50.0	49.5	
121 Benzyl chloride	91	11.826	11.826	0.000	100	246056	50.0	47.9	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	563619	50.0	48.7	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	306201	50.0	47.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	418609	50.0	48.6	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	766579	50.0	49.8	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	91	28000	50.0	46.8	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	599130	50.0	49.3	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	302425	50.0	47.2	
129 Camphor	95	13.603	13.603	0.001	90	56337	250.0	274.0	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	258212	50.0	45.7	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	203081	50.0	50.5	
132 Naphthalene	128	13.889	13.888	0.000	99	424175	50.0	54.7	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	95	226249	50.0	46.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	92.9	
S 135 Xylenes, Total	100				0		100.0	97.8	
S 136 Total BTEX	1				0		250.0	248.0	

Reagents:

GASES Li_00103	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	5.00	Units: uL		
ACROLEIN W_00037	Amount Added:	4.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

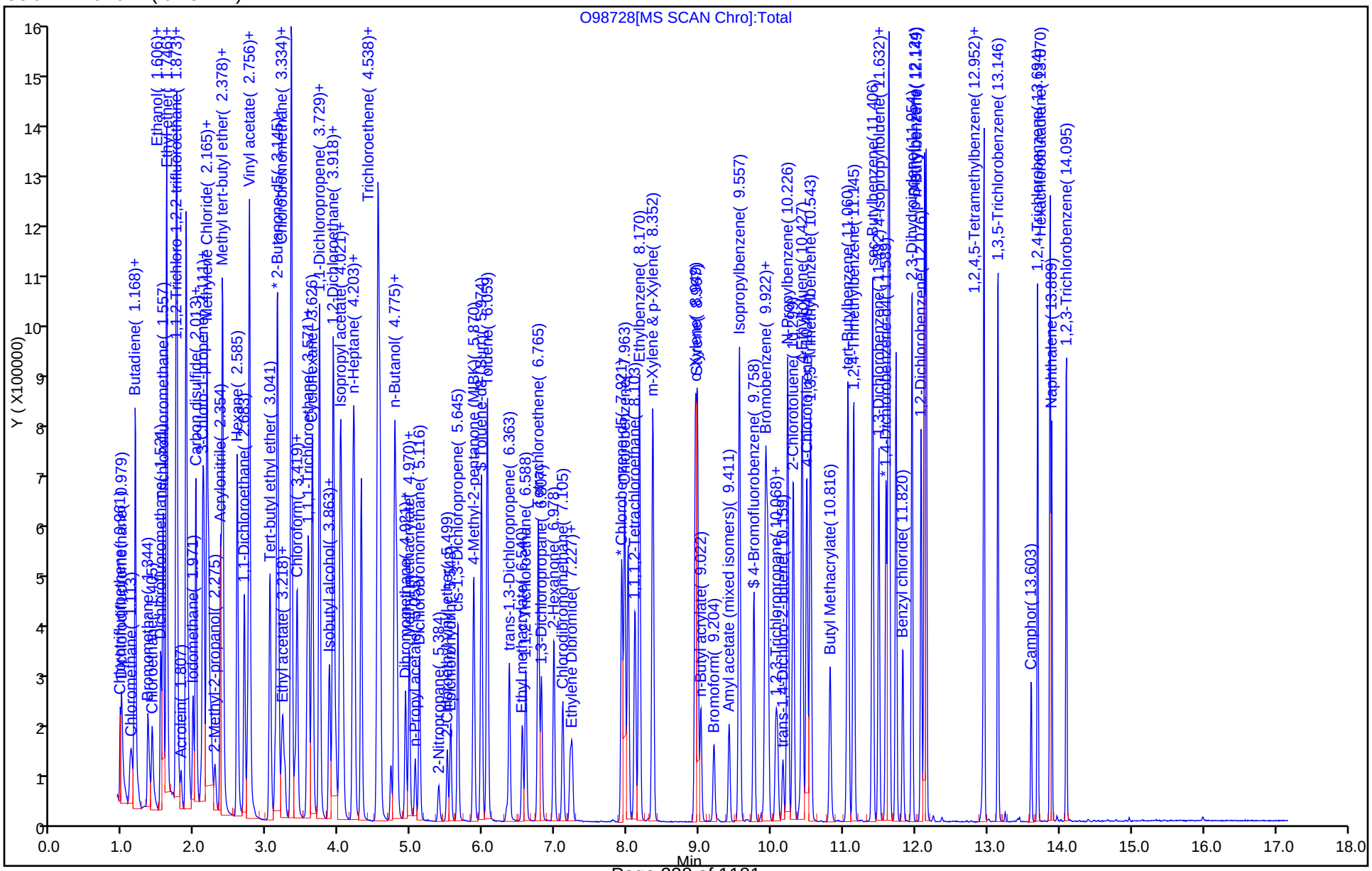
Report Date: 26-May-2015 20:54:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98728.D

Injection Date:	22-May-2015 07:38:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98729.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-May-2015 08:03:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027689-007
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:16 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 22-May-2015 10:12:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	218648	200.0	210.1	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	1365589	200.0	187.5	
3 Chloromethane	50	1.107	1.113	-0.006	99	1014433	200.0	174.9	
4 Vinyl chloride	62	1.156	1.156	0.000	98	1191386	200.0	179.8	
5 Butadiene	54	1.174	1.168	0.006	95	1127553	200.0	187.1	
6 Bromomethane	94	1.344	1.344	0.000	99	769894	200.0	199.0	
7 Chloroethane	64	1.405	1.405	0.000	99	757351	200.0	174.7	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	1733484	200.0	186.6	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	1647536	200.0	181.7	
10 Pentane	72	1.606	1.606	0.000	95	475433	400.0	402.3	
11 Ethanol	46	1.673	1.667	0.006	93	97877	8000.0	7952.0	
12 Ethyl ether	59	1.734	1.733	0.001	97	601424	200.0	175.1	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	927793	200.0	186.6	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	1009362	200.0	200.1	
15 Acrolein	56	1.807	1.806	0.001	96	59671	500.0	483.6	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	98	990184	200.0	186.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	96	1077037	200.0	185.8	
18 Acetone	43	1.910	1.904	0.006	88	668547	1000.0	977.9	
19 Iodomethane	142	1.971	1.971	0.000	98	1289385	200.0	201.1	
21 Isopropyl alcohol	45	2.007	2.007	0.000	98	307224	2000.0	2006.7	
20 Carbon disulfide	76	2.013	2.013	0.000	99	3192586	200.0	174.6	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	94	543869	200.0	196.6	
23 Methyl acetate	43	2.123	2.123	0.000	98	2042905	1000.0	1001.1	
24 Acetonitrile	39	2.166	2.165	0.001	38	638318	2000.0	2094.2	
25 Cyclopentene	67	2.166	2.165	0.001	96	2899352	200.0	191.3	
26 Methylene Chloride	84	2.190	2.190	0.000	90	851876	200.0	171.3	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	232473	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	524961	2000.0	2004.6	
29 Acrylonitrile	53	2.360	2.354	0.006	94	1628511	2000.0	1980.5	
30 trans-1,2-Dichloroethene	96	2.379	2.378	0.000	94	1019910	200.0	178.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.391	2.384	0.007	97	1932698	200.0	186.5	
32 Hexane	43	2.585	2.585	0.000	92	905539	200.0	200.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	100	1571383	200.0	175.5	
34 Allyl alcohol	57	2.731	2.725	0.006	87	256463	5000.0	5296.3	
35 Vinyl acetate	86	2.731	2.731	0.000	99	69124	400.0	359.4	
36 Isopropyl ether	45	2.756	2.749	0.007	95	2220459	200.0	212.3	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	89	967576	200.0	196.3	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	90	2098693	200.0	217.0	
* 157 2-Butanone-d5	46	3.115	3.108	0.007	94	164280	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	82	340294	200.0	187.5	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	96	961572	200.0	182.3	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	290683	1000.0	998.7	
42 Propionitrile	54	3.212	3.206	0.006	95	577802	2000.0	1824.5	
43 Ethyl acetate	43	3.224	3.224	0.000	99	696674	400.0	419.2	
44 Methyl acrylate	55	3.248	3.248	0.000	99	428284	200.0	172.2	
45 Methacrylonitrile	67	3.346	3.333	0.013	88	2065744	2000.0	1800.0	
46 Chlorobromomethane	128	3.346	3.340	0.006	54	394924	200.0	199.3	
47 Tetrahydrofuran	71	3.388	3.388	0.000	93	111038	400.0	391.5	
48 Chloroform	83	3.419	3.419	0.000	100	1399901	200.0	179.6	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.552	0.007	98	163941	50.0	47.6	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	97	1383382	200.0	183.9	
51 Cyclohexane	56	3.632	3.625	0.007	88	1580002	200.0	198.2	
53 Carbon tetrachloride	117	3.729	3.723	0.006	96	1281591	200.0	189.5	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	1190224	200.0	195.8	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	96	138131	50.0	46.4	
55 Isobutyl alcohol	43	3.875	3.869	0.006	96	450246	5000.0	5378.7	
56 Benzene	78	3.918	3.917	0.001	95	3309580	200.0	206.8	
57 1,2-Dichloroethane	62	3.936	3.930	0.006	98	811398	200.0	173.6	
58 Isooctane	57	4.021	4.015	0.006	96	3258717	200.0	207.7	
72 Isopropyl acetate	43	4.027	4.021	0.006	92	1830268	200.0	209.8	
59 Tert-amyl methyl ether	73	4.051	4.045	0.006	98	1744417	200.0	215.2	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	561438	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	799865	200.0	198.9	
62 2,4,4-Trimethyl-1-pentene	57	4.544	4.538	0.006	95	4788294	400.0	424.6	
64 Trichloroethene	95	4.569	4.568	0.001	97	933606	200.0	195.7	
63 n-Butanol	43	4.775	4.769	0.006	49	86690	5000.0	5136.0	
65 Ethyl acrylate	55	4.775	4.769	0.006	90	1283019	200.0	219.2	
66 Methylcyclohexane	83	4.775	4.769	0.006	94	1693895	200.0	212.4	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	767882	200.0	194.7	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	35	25745	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	358554	200.0	172.6	
71 1,4-Dioxane	88	4.976	4.970	0.006	31	112287	4000.0	3479.3	
70 Methyl methacrylate	41	4.976	4.970	0.006	84	664652	400.0	363.8	
73 n-Propyl acetate	43	5.061	5.055	0.006	97	529105	200.0	194.3	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	980891	200.0	185.7	
75 2-Nitropropane	41	5.384	5.378	0.006	96	205595	400.0	398.4	
76 2-Chloroethyl vinyl ether	63	5.505	5.499	0.006	95	317430	200.0	202.2	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	762337	4000.0	3830.7	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	91	1133908	200.0	214.5	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	1589094	1000.0	1029.5	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	586176	50.0	52.9	
81 Toluene	91	6.059	6.053	0.006	93	3186962	200.0	198.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	869951	200.0	213.3	
83 Ethyl methacrylate	69	6.546	6.546	0.000	88	524787	200.0	176.8	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	95	417014	200.0	205.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	97	1008060	200.0	208.8	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	873253	200.0	208.4	
87 2-Hexanone	43	6.984	6.978	0.006	93	1034499	1000.0	899.2	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	669165	200.0	212.0	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	431966	200.0	200.3	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	496499	200.0	202.7	
* 91 Chlorobenzene-d5	117	7.927	7.920	0.007	84	418011	50.0	50.0	
92 Chlorobenzene	112	7.969	7.963	0.006	96	1953672	200.0	195.8	
93 1,1,1,2-Tetrachloroethane	131	8.109	8.103	0.006	95	754910	200.0	223.8	
94 Ethylbenzene	106	8.170	8.170	0.000	98	1147814	200.0	195.1	
95 m-Xylene & p-Xylene	106	8.359	8.352	0.007	95	1413564	200.0	204.2	
96 o-Xylene	106	8.949	8.942	0.007	95	1337620	200.0	202.5	
97 Styrene	104	8.979	8.973	0.006	96	2243126	200.0	201.5	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	346748	200.0	197.5	
99 Bromoform	173	9.204	9.204	0.000	99	432717	200.0	207.3	
100 Amyl acetate (mixed isomer	43	9.417	9.411	0.006	92	597505	200.0	186.9	
101 Isopropylbenzene	105	9.563	9.557	0.006	95	3657771	200.0	203.9	
$ 102 4-Bromofluorobenzene	174	9.764	9.758	0.006	98	199998	50.0	52.3	
103 Camphene	41	9.922	9.922	0.000	94	283465	200.0	216.7	
104 Bromobenzene	156	9.959	9.952	0.007	90	872738	200.0	186.7	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	517498	200.0	192.5	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	153841	200.0	183.9	
107 trans-1,4-Dichloro-2-buten	53	10.165	10.159	0.006	97	129280	200.0	182.8	
108 N-Propylbenzene	91	10.232	10.226	0.006	100	4240802	200.0	197.6	
109 2-Chlorotoluene	91	10.311	10.299	0.012	97	2345660	200.0	194.3	
110 4-Ethyltoluene	105	10.433	10.427	0.006	99	3763510	200.0	205.6	
111 4-Chlorotoluene	91	10.500	10.488	0.012	96	2443500	200.0	194.3	
112 1,3,5-Trimethylbenzene	105	10.549	10.542	0.007	93	2964749	200.0	207.4	
113 Butyl Methacrylate	87	10.823	10.816	0.006	86	714218	200.0	211.6	
114 tert-Butylbenzene	119	11.066	11.060	0.006	95	2808399	200.0	199.2	
115 1,2,4-Trimethylbenzene	105	11.151	11.139	0.012	97	2960368	200.0	201.3	
116 sec-Butylbenzene	105	11.413	11.406	0.007	98	4162205	200.0	202.1	
117 1,3-Dichlorobenzene	146	11.498	11.492	0.006	97	1735124	200.0	191.5	
* 118 1,4-Dichlorobenzene-d4	152	11.595	11.589	0.006	94	241663	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.626	11.619	0.007	95	1727838	200.0	191.3	
120 4-Isopropyltoluene	119	11.644	11.638	0.006	97	3657784	200.0	204.2	
121 Benzyl chloride	91	11.826	11.826	0.000	100	1164703	200.0	183.2	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	2901354	200.0	202.5	
123 1,2-Dichlorobenzene	146	12.082	12.076	0.006	98	1522695	200.0	190.1	
124 p-Diethylbenzene	119	12.130	12.124	0.006	94	2221405	200.0	208.2	
125 n-Butylbenzene	91	12.155	12.149	0.006	99	3896184	200.0	204.2	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	90	128637	200.0	173.6	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	3073027	200.0	204.1	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	1535232	200.0	193.4	
129 Camphor	95	13.609	13.603	0.007	89	248363	1000.0	986.6	
128 1,2,4-Trichlorobenzene	180	13.700	13.694	0.006	94	1235766	200.0	176.4	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	977389	200.0	196.4	
132 Naphthalene	128	13.895	13.888	0.007	99	1858160	200.0	197.5	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	1054030	200.0	173.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	360.8	
S 135 Xylenes, Total	100				0		400.0	406.7	
S 136 Total BTEX	1				0		1000.0	1006.7	

Reagents:

ACROLEIN W_00037	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

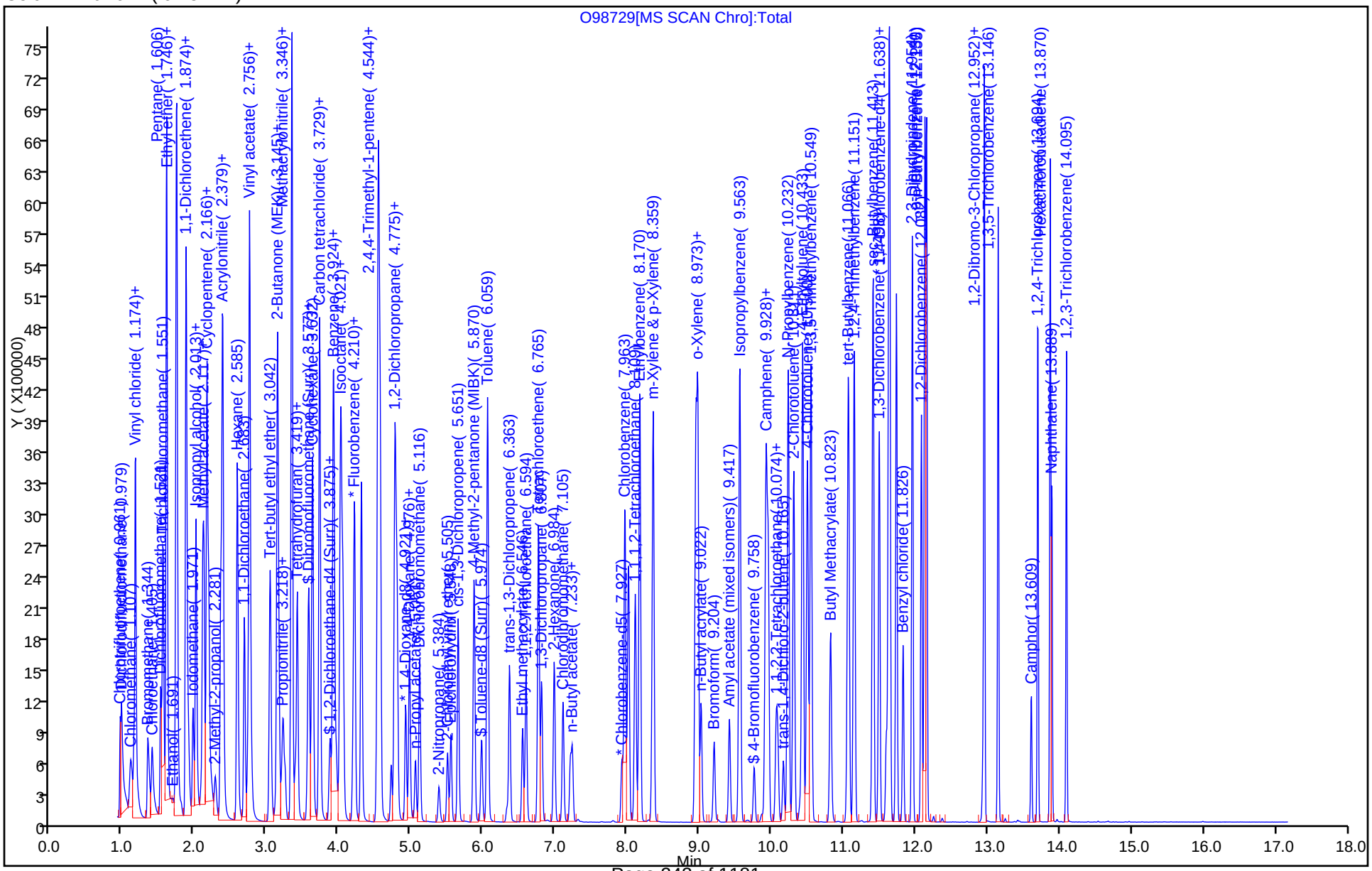
Report Date: 26-May-2015 20:54:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98729.D

Injection Date:	22-May-2015 08:03:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98730.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-May-2015 08:29:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027689-008
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:19 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:46:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	524310	500.0	494.2	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	3303502	500.0	444.9	
3 Chloromethane	50	1.113	1.113	0.000	99	2520257	500.0	426.4	
4 Vinyl chloride	62	1.156	1.156	0.000	98	2956008	500.0	437.6	
5 Butadiene	54	1.174	1.168	0.006	95	2799932	500.0	455.8	
6 Bromomethane	94	1.344	1.344	0.000	99	1924489	500.0	500.2	
7 Chloroethane	64	1.405	1.405	0.000	99	1855905	500.0	420.1	
8 Dichlorofluoromethane	67	1.527	1.521	0.006	99	4209912	500.0	444.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	4010936	500.0	433.9	
10 Pentane	72	1.606	1.606	0.000	93	1194963	1000.0	992.0	
11 Ethanol	46	1.673	1.667	0.006	92	244822	20000	20010	
12 Ethyl ether	59	1.734	1.733	0.001	96	1547947	500.0	442.2	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	89	2172130	500.0	428.6	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	95	2441533	500.0	474.9	
15 Acrolein	56	1.813	1.806	0.007	93	73086	600.0	514.4	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	98	2577679	500.0	475.5	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	94	2809890	500.0	475.6	
18 Acetone	43	1.910	1.904	0.006	88	1691645	2500.0	2503.5	
19 Iodomethane	142	1.971	1.971	0.000	98	3052865	500.0	499.8	
21 Isopropyl alcohol	45	2.007	2.007	0.000	98	792389	5000.0	4998.9	
20 Carbon disulfide	76	2.014	2.013	0.001	99	7782868	500.0	417.6	
22 3-Chloro-1-propene	76	2.111	2.105	0.006	94	1493960	500.0	500.4	
23 Methyl acetate	43	2.129	2.123	0.006	98	5255974	2500.0	2499.8	
24 Acetonitrile	39	2.166	2.165	0.001	38	1621522	5000.0	4619.9	
25 Cyclopentene	67	2.166	2.165	0.001	97	6860187	500.0	444.0	
26 Methylene Chloride	84	2.190	2.190	0.000	88	2161757	500.0	426.4	
* 27 TBA-d9 (IS)	65	2.226	2.220	0.006	97	267697	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.287	2.281	0.006	98	1396768	5000.0	4999.3	
29 Acrylonitrile	53	2.366	2.354	0.012	94	4276324	5000.0	5002.6	
30 trans-1,2-Dichloroethene	96	2.385	2.378	0.007	93	2649351	500.0	455.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.391	2.384	0.007	97	4912772	500.0	465.1	
32 Hexane	43	2.585	2.585	0.000	92	2323798	500.0	503.8	
33 1,1-Dichloroethane	63	2.689	2.683	0.007	100	3875978	500.0	424.7	
34 Allyl alcohol	57	2.744	2.725	0.019	85	657129	12500	11785	
35 Vinyl acetate	86	2.737	2.731	0.006	100	182992	1000.0	902.8	
36 Isopropyl ether	45	2.756	2.749	0.007	95	5268445	500.0	494.2	
37 2-Chloro-1,3-butadiene	88	2.762	2.756	0.006	88	2393015	500.0	476.2	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	91	4820977	500.0	488.9	
* 157 2-Butanone-d5	46	3.121	3.108	0.013	95	173156	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	95	879579	500.0	475.5	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	98	2468658	500.0	459.1	
41 2-Butanone (MEK)	72	3.169	3.163	0.006	98	747660	2500.0	2500.2	
42 Propionitrile	54	3.218	3.206	0.012	96	1411900	5000.0	3871.6	
43 Ethyl acetate	43	3.230	3.224	0.006	99	1783625	1000.0	1018.3	
44 Methyl acrylate	55	3.255	3.248	0.007	98	1274574	500.0	502.8	
45 Methacrylonitrile	67	3.358	3.333	0.025	87	5116048	5000.0	4373.1	
46 Chlorobromomethane	128	3.352	3.340	0.012	85	988679	500.0	500.1	
47 Tetrahydrofuran	71	3.401	3.388	0.013	92	289596	1000.0	968.8	
48 Chloroform	83	3.425	3.419	0.006	99	3487923	500.0	438.9	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.552	0.007	98	140390	50.0	40.0	
50 1,1,1-Trichloroethane	97	3.583	3.577	0.006	98	3471009	500.0	452.6	
51 Cyclohexane	56	3.632	3.625	0.007	88	3992189	500.0	491.3	
53 Carbon tetrachloride	117	3.735	3.723	0.012	94	3302540	500.0	479.0	
52 1,1-Dichloropropene	75	3.735	3.729	0.006	95	3066078	500.0	494.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	92	116357	50.0	38.3	
55 Isobutyl alcohol	43	3.887	3.869	0.018	97	1198458	12500	12433	
56 Benzene	78	3.924	3.917	0.007	97	8127192	500.0	505.3	
57 1,2-Dichloroethane	62	3.936	3.930	0.006	98	2088279	500.0	438.3	
58 Isooctane	57	4.027	4.015	0.012	95	7980136	500.0	499.0	
72 Isopropyl acetate	43	4.033	4.021	0.012	98	4496007	500.0	505.5	
59 Tert-amyl methyl ether	73	4.058	4.045	0.013	98	4180539	500.0	505.9	
* 60 Fluorobenzene	96	4.198	4.191	0.007	99	572323	50.0	50.0	
61 n-Heptane	71	4.216	4.209	0.007	99	2022203	500.0	500.2	
62 2,4,4-Trimethyl-1-pentene	57	4.550	4.538	0.012	92	11481834	1000.0	998.7	
64 Trichloroethene	95	4.575	4.568	0.007	97	2408976	500.0	495.4	
63 n-Butanol	43	4.782	4.769	0.013	50	230460	12500	12479	
65 Ethyl acrylate	55	4.782	4.769	0.013	92	3193913	500.0	535.3	
66 Methylcyclohexane	83	4.782	4.769	0.013	95	4306792	500.0	529.8	
67 1,2-Dichloropropane	63	4.806	4.800	0.006	92	1977054	500.0	491.7	
* 68 1,4-Dioxane-d8	96	4.921	4.915	0.006	34	29132	1000.0	1000.0	
69 Dibromomethane	93	4.928	4.921	0.007	91	905521	500.0	427.6	
71 1,4-Dioxane	88	4.982	4.970	0.012	32	285609	10000	7820.9	
70 Methyl methacrylate	41	4.982	4.970	0.012	83	1639699	1000.0	880.5	
73 n-Propyl acetate	43	5.061	5.055	0.006	97	1312920	500.0	472.9	
74 Dichlorobromomethane	83	5.122	5.116	0.006	99	2450552	500.0	455.2	
75 2-Nitropropane	41	5.390	5.378	0.012	96	512617	1000.0	1000.2	
76 2-Chloroethyl vinyl ether	63	5.512	5.499	0.013	96	774294	500.0	483.8	
77 Epichlorohydrin	57	5.560	5.548	0.012	99	1981765	10000	9447.7	
78 cis-1,3-Dichloropropene	75	5.658	5.645	0.013	91	2824628	500.0	531.5	
79 4-Methyl-2-pentanone (MIBK	43	5.883	5.870	0.013	94	4073605	2500.0	2503.8	
$ 80 Toluene-d8 (Surr)	98	5.980	5.974	0.006	99	498143	50.0	44.7	
81 Toluene	91	6.065	6.053	0.012	95	7777021	500.0	480.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.369	6.363	0.006	96	2180820	500.0	532.0	
83 Ethyl methacrylate	69	6.552	6.546	0.006	87	1327081	500.0	444.8	
84 1,1,2-Trichloroethane	83	6.601	6.594	0.007	95	1051707	500.0	516.7	
85 Tetrachloroethene	166	6.771	6.765	0.006	97	2563054	500.0	528.1	
86 1,3-Dichloropropane	76	6.813	6.807	0.006	92	2176207	500.0	516.7	
87 2-Hexanone	43	6.996	6.978	0.018	93	2651963	2500.0	2187.0	
88 Chlorodibromomethane	129	7.112	7.105	0.007	98	1686286	500.0	531.4	
89 n-Butyl acetate	43	7.215	7.209	0.006	98	1063133	500.0	500.0	
90 Ethylene Dibromide	107	7.239	7.233	0.006	98	1246596	500.0	506.2	
* 91 Chlorobenzene-d5	117	7.927	7.920	0.007	84	420179	50.0	50.0	
92 Chlorobenzene	112	7.975	7.963	0.012	95	4940177	500.0	492.5	
93 1,1,1,2-Tetrachloroethane	131	8.115	8.103	0.012	96	1911797	500.0	563.7	
94 Ethylbenzene	106	8.182	8.170	0.012	97	2922650	500.0	494.3	
95 m-Xylene & p-Xylene	106	8.365	8.352	0.013	95	3529268	500.0	507.3	
96 o-Xylene	106	8.961	8.942	0.019	94	3395612	500.0	511.4	
97 Styrene	104	8.985	8.973	0.012	95	5575969	500.0	498.3	
98 n-Butyl acrylate	73	9.028	9.022	0.006	98	965361	500.0	546.9	
99 Bromoform	173	9.210	9.204	0.006	99	1121047	500.0	534.3	
100 Amyl acetate (mixed isomer	43	9.423	9.411	0.012	92	1563127	500.0	482.6	
101 Isopropylbenzene	105	9.569	9.557	0.012	96	8910198	500.0	494.1	
$ 102 4-Bromofluorobenzene	174	9.764	9.758	0.006	97	170104	50.0	44.3	
103 Camphene	41	9.934	9.922	0.012	93	706153	500.0	536.9	
104 Bromobenzene	156	9.965	9.952	0.013	93	2240089	500.0	473.1	
105 1,1,2,2-Tetrachloroethane	83	10.074	10.062	0.012	98	1365395	500.0	501.5	
106 1,2,3-Trichloropropane	110	10.093	10.086	0.006	97	400694	500.0	472.9	
107 trans-1,4-Dichloro-2-buten	53	10.178	10.159	0.019	95	343165	500.0	479.0	
108 N-Propylbenzene	91	10.245	10.226	0.019	99	10381736	500.0	477.5	
109 2-Chlorotoluene	91	10.324	10.299	0.025	96	5877742	500.0	480.6	
110 4-Ethyltoluene	105	10.445	10.427	0.018	98	9155863	500.0	493.8	
111 4-Chlorotoluene	91	10.512	10.488	0.024	96	6243363	500.0	490.0	
112 1,3,5-Trimethylbenzene	105	10.561	10.542	0.019	94	7698754	500.0	531.6	
113 Butyl Methacrylate	87	10.835	10.816	0.019	86	1911610	500.0	559.0	
114 tert-Butylbenzene	119	11.078	11.060	0.018	94	7047266	500.0	493.5	
115 1,2,4-Trimethylbenzene	105	11.163	11.139	0.024	97	7576632	500.0	508.6	
116 sec-Butylbenzene	105	11.425	11.406	0.019	97	10109640	500.0	484.5	
117 1,3-Dichlorobenzene	146	11.510	11.492	0.018	96	4382448	500.0	477.5	
* 118 1,4-Dichlorobenzene-d4	152	11.601	11.589	0.012	93	244815	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.638	11.619	0.019	96	4458639	500.0	487.4	
120 4-Isopropyltoluene	119	11.650	11.638	0.012	97	9161162	500.0	504.8	
121 Benzyl chloride	91	11.832	11.826	0.006	100	2792500	500.0	433.6	
122 2,3-Dihydroindene	117	11.966	11.954	0.012	95	6778379	500.0	467.0	
123 1,2-Dichlorobenzene	146	12.088	12.076	0.012	97	3874058	500.0	477.4	
124 p-Diethylbenzene	119	12.137	12.124	0.013	93	5466947	500.0	505.8	
125 n-Butylbenzene	91	12.161	12.149	0.012	98	9402389	500.0	486.4	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	91	333489	500.0	444.2	
127 1,2,4,5-Tetramethylbenzene	119	12.958	12.952	0.006	99	7252224	500.0	475.4	
133 1,3,5-Trichlorobenzene	180	13.153	13.146	0.007	98	3768469	500.0	468.6	
129 Camphor	95	13.609	13.603	0.007	89	622196	2500.0	2502.0	
128 1,2,4-Trichlorobenzene	180	13.700	13.694	0.006	94	3161157	500.0	445.5	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	2565363	500.0	508.8	
132 Naphthalene	128	13.895	13.888	0.007	99	4557185	500.0	500.4	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	2690393	500.0	436.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	914.1	
S 135 Xylenes, Total	100				0		1000.0	1018.7	
S 136 Total BTEX	1				0		2500.0	2498.9	

Reagents:

ACROLEIN W_00037	Amount Added:	6.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	50.00	Units: uL	
GASES Li_00103	Amount Added:	50.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

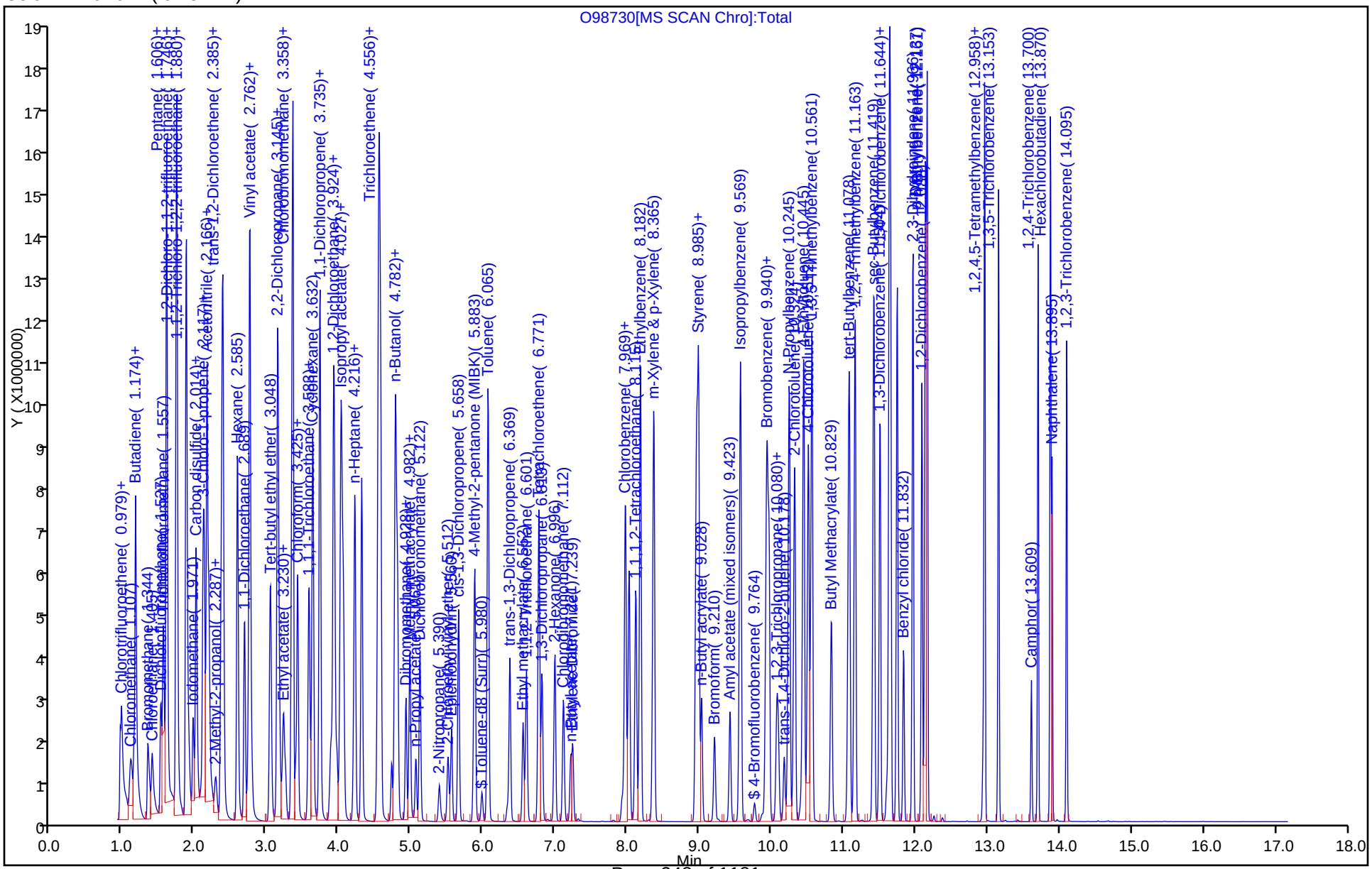
Report Date: 26-May-2015 20:54:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98730.D

Injection Date:	22-May-2015 08:29:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2015 11:50:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0027689-013
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:22 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:47:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	89	3100	5.00	4.55	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	27101	5.00	5.69	
3 Chloromethane	50	1.107	1.113	-0.006	100	21435	5.00	5.65	
4 Vinyl chloride	62	1.156	1.156	0.000	97	24834	5.00	5.73	
5 Butadiene	54	1.168	1.168	0.000	95	21772	5.00	5.52	
6 Bromomethane	94	1.338	1.344	-0.006	99	21966	5.00	8.55	
7 Chloroethane	64	1.399	1.405	-0.006	98	15843	5.00	5.59	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	34928	5.00	5.75	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	33965	5.00	5.73	
10 Pentane	72	1.606	1.606	0.000	96	7287	10.0	9.43	
11 Ethanol	46	1.679	1.667	0.012	87	3043	200.0	265.2	
12 Ethyl ether	59	1.734	1.733	0.001	95	12801	5.00	5.70	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	17467	5.00	5.37	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	16780	5.00	5.09	
15 Acrolein	56	1.807	1.806	0.001	96	21607	200.0	204.2	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	18627	5.00	5.35	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	96	22931	5.00	6.05	
18 Acetone	43	1.904	1.904	0.000	88	26268	25.0	43.1	
19 Iodomethane	142	1.971	1.971	0.000	97	8625	5.00	1.97	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	29	8171	50.0	58.4	
20 Carbon disulfide	76	2.013	2.013	0.000	99	73488	5.00	6.15	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	14350	5.00	8.23	
23 Methyl acetate	43	2.123	2.123	0.000	99	45143	25.0	24.1	
24 Acetonitrile	39	2.166	2.165	0.001	33	11333	50.0	43.4	
25 Cyclopentene	67	2.166	2.165	0.001	98	51972	5.00	5.24	
26 Methylene Chloride	84	2.190	2.190	0.000	89	18000	5.00	5.53	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	199309	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	96	16020	50.0	68.1	
29 Acrylonitrile	53	2.354	2.354	0.000	95	38222	50.0	72.0	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	96	18991	5.00	5.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	97	37125	5.00	5.48	
32 Hexane	43	2.585	2.585	0.000	90	13195	5.00	4.46	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	99	31092	5.00	5.31	
34 Allyl alcohol	57	2.725	2.725	0.000	34	3763	125.0	90.6	
35 Vinyl acetate	86	2.731	2.731	0.000	100	1761	10.0	10.7	
36 Isopropyl ether	45	2.750	2.749	0.001	94	29964	5.00	4.38	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	15869	5.00	4.92	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	88	26858	5.00	4.24	
* 157 2-Butanone-d5	46	3.109	3.108	0.001	100	141207	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.145	-0.006	76	6201	5.00	5.22	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	95	18031	5.00	5.23	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	97	6881	25.0	27.1	
42 Propionitrile	54	3.206	3.206	0.000	92	13112	50.0	48.3	
43 Ethyl acetate	43	3.224	3.224	0.000	99	12369	10.0	8.66	
44 Methyl acrylate	55	3.248	3.248	0.000	99	8545	5.00	5.25	
45 Methacrylonitrile	67	3.334	3.333	0.001	87	39718	50.0	52.9	
46 Chlorobromomethane	128	3.340	3.340	0.000	72	8163	5.00	6.21	
47 Tetrahydrofuran	71	3.388	3.388	0.000	78	2945	10.0	12.1	
48 Chloroform	83	3.413	3.419	-0.006	99	27106	5.00	5.32	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.552	0.001	99	126620	50.0	56.2	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	25153	5.00	5.11	
51 Cyclohexane	56	3.626	3.625	0.001	85	26703	5.00	5.12	
53 Carbon tetrachloride	117	3.729	3.723	0.006	97	22331	5.00	5.05	
52 1,1-Dichloropropene	75	3.723	3.729	-0.006	96	19206	5.00	4.83	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	112347	50.0	57.6	
55 Isobutyl alcohol	43	3.875	3.869	0.006	94	8800	125.0	122.6	
56 Benzene	78	3.918	3.917	0.001	95	54104	5.00	4.33	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	97	16107	5.00	5.27	
58 Isooctane	57	4.015	4.015	0.000	95	48744	5.00	4.75	
72 Isopropyl acetate	43	4.021	4.021	0.000	58	25616	5.00	4.49	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	22896	5.00	4.32	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	367226	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	16535	5.00	6.23	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	70543	10.0	9.56	
64 Trichloroethene	95	4.562	4.568	-0.006	92	14306	5.00	4.59	
63 n-Butanol	43	4.775	4.769	0.006	47	1269	125.0	84.8	M
65 Ethyl acrylate	55	4.769	4.769	0.000	73	17496	5.00	4.57	
66 Methylcyclohexane	83	4.775	4.769	0.006	92	23600	5.00	4.52	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	11668	5.00	4.52	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	85	20931	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	93	7287	5.00	5.36	
71 1,4-Dioxane	88	4.976	4.970	0.006	32	2594	100.0	98.9	
70 Methyl methacrylate	41	4.970	4.970	0.000	83	12323	10.0	10.3	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	8610	5.00	4.83	
74 Dichlorobromomethane	83	5.116	5.116	0.000	98	16777	5.00	4.86	
75 2-Nitropropane	41	5.384	5.378	0.006	97	4508	10.0	13.1	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	93	4579	5.00	4.46	
77 Epichlorohydrin	57	5.548	5.548	0.000	98	16262	100.0	95.1	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	90	16982	5.00	4.11	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	29645	25.0	22.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	431917	50.0	49.9	
81 Toluene	91	6.059	6.053	0.006	93	59972	5.00	4.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	95	13169	5.00	4.13	
83 Ethyl methacrylate	69	6.546	6.546	0.000	87	12538	5.00	5.41	
84 1,1,2-Trichloroethane	83	6.588	6.594	-0.006	93	6548	5.00	4.14	
85 Tetrachloroethene	166	6.765	6.765	0.000	95	17789	5.00	4.72	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	14054	5.00	4.29	
87 2-Hexanone	43	6.984	6.978	0.006	95	24171	25.0	24.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	96	10436	5.00	4.23	
89 n-Butyl acetate	43	7.203	7.209	-0.006	98	9257	5.00	5.43	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	8213	5.00	4.29	
* 91 Chlorobenzene-d5	117	7.921	7.920	0.001	84	326607	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	37240	5.00	4.78	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	10431	5.00	3.96	
94 Ethylbenzene	106	8.170	8.170	0.000	98	21198	5.00	4.61	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	96	25269	5.00	4.67	
96 o-Xylene	106	8.943	8.942	0.001	94	23482	5.00	4.55	
97 Styrene	104	8.973	8.973	0.000	97	41260	5.00	4.74	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	6405	5.00	4.67	
99 Bromoform	173	9.204	9.204	0.000	97	6893	5.00	4.23	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	10957	5.00	4.62	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	65478	5.00	4.67	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	153800	50.0	51.5	
103 Camphene	41	9.922	9.922	0.000	92	4446	5.00	4.35	
104 Bromobenzene	156	9.953	9.952	0.001	90	16625	5.00	4.79	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	95	9199	5.00	4.61	
106 1,2,3-Trichloropropane	110	10.080	10.086	-0.006	96	2969	5.00	4.78	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	95	3211	5.00	6.12	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	75728	5.00	4.75	
109 2-Chlorotoluene	91	10.299	10.299	0.000	96	43146	5.00	4.81	
110 4-Ethyltoluene	105	10.421	10.427	-0.006	99	63100	5.00	4.65	
111 4-Chlorotoluene	91	10.494	10.488	0.006	96	44254	5.00	4.74	
112 1,3,5-Trimethylbenzene	105	10.543	10.542	0.001	94	46632	5.00	4.39	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	11726	5.00	4.68	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	48959	5.00	4.68	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	97	50031	5.00	4.58	
116 sec-Butylbenzene	105	11.407	11.406	0.000	99	72927	5.00	4.77	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	98	32990	5.00	4.91	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	93	179364	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	33344	5.00	4.98	
120 4-Isopropyltoluene	119	11.632	11.638	-0.006	98	61452	5.00	4.62	
121 Benzyl chloride	91	11.820	11.826	-0.006	99	23668	5.00	5.02	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	49570	5.00	4.66	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	28873	5.00	4.86	
124 p-Diethylbenzene	119	12.124	12.124	0.000	95	36781	5.00	4.64	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	68582	5.00	4.84	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	88	3030	5.00	5.51	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	54343	5.00	4.86	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	30143	5.00	5.12	
129 Camphor	95	13.609	13.603	0.007	88	7631	25.0	40.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	28819	5.00	5.54	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	18346	5.00	4.97	
132 Naphthalene	128	13.889	13.888	0.001	99	52675	5.00	7.34	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	26411	5.00	5.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 135 Xylenes, Total	100				0		10.0	9.22	
S 136 Total BTEX	1				0		25.0	22.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	0.50	Units: uL		
GASES Li_00103	Amount Added:	0.50	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

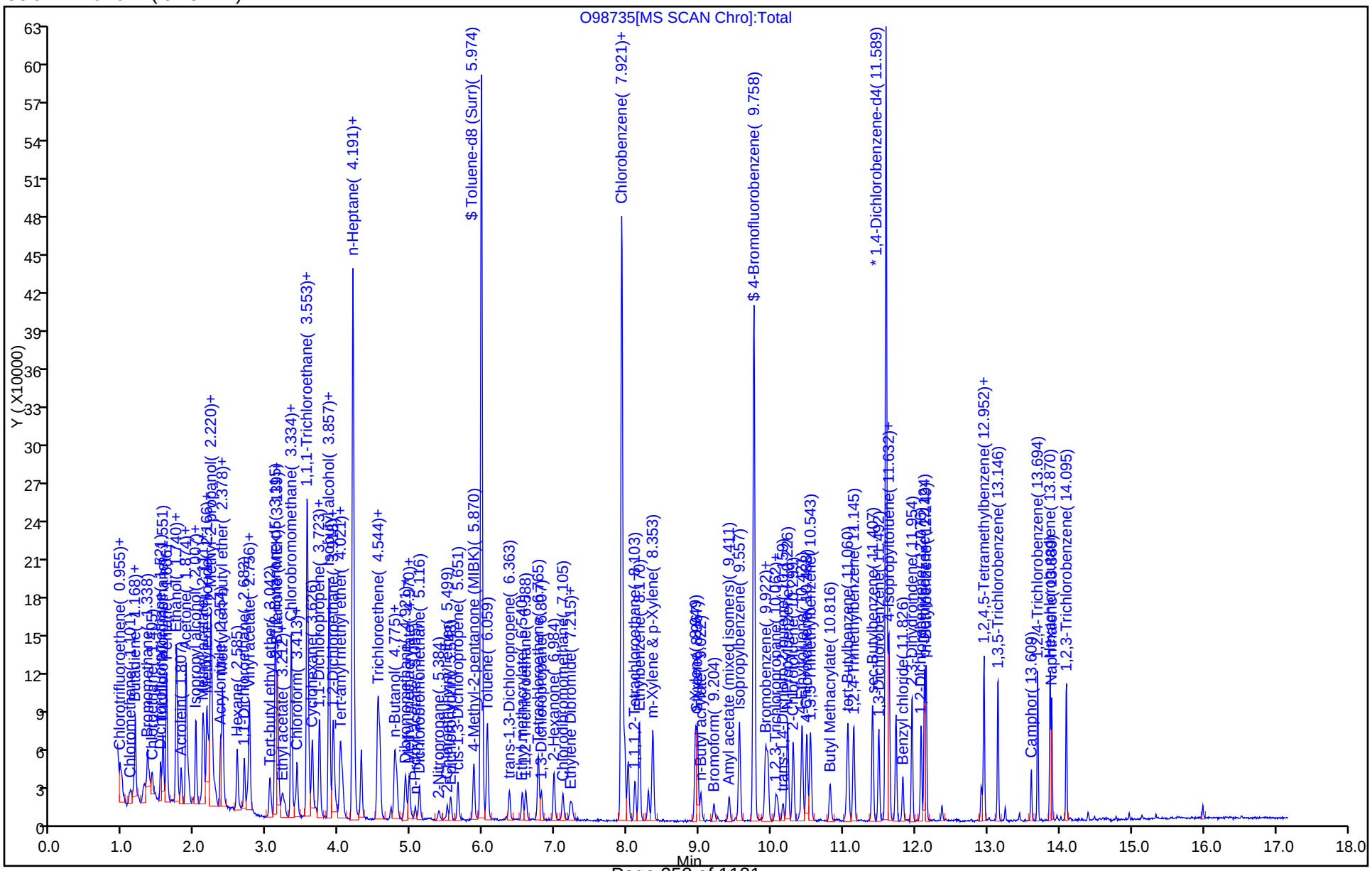
Report Date: 26-May-2015 20:54:23 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Injection Date:	22-May-2015 11:50:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

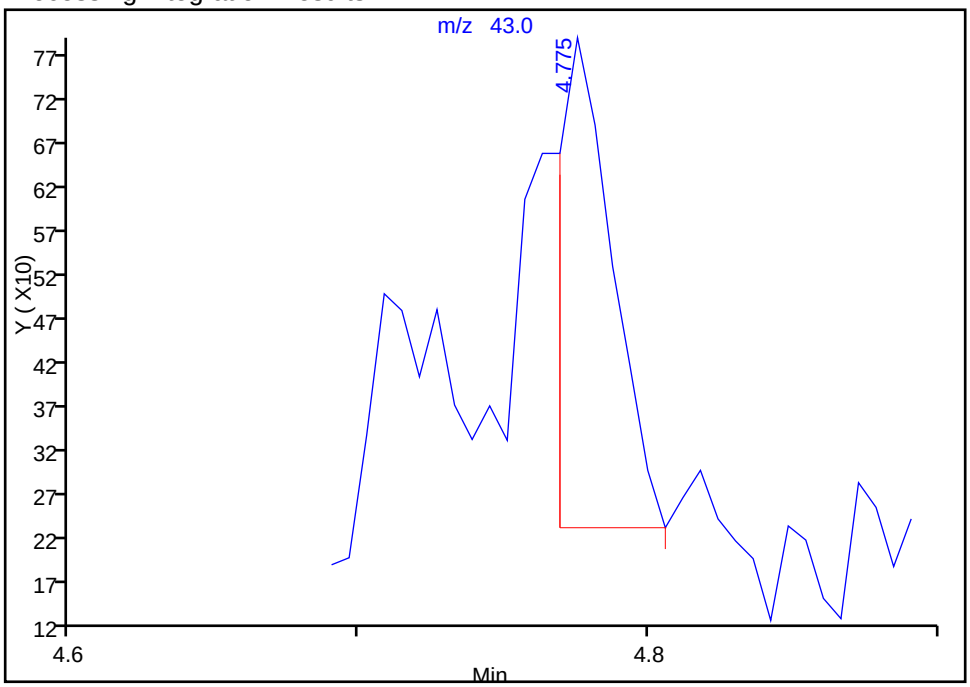
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D
Injection Date: 22-May-2015 11:50:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

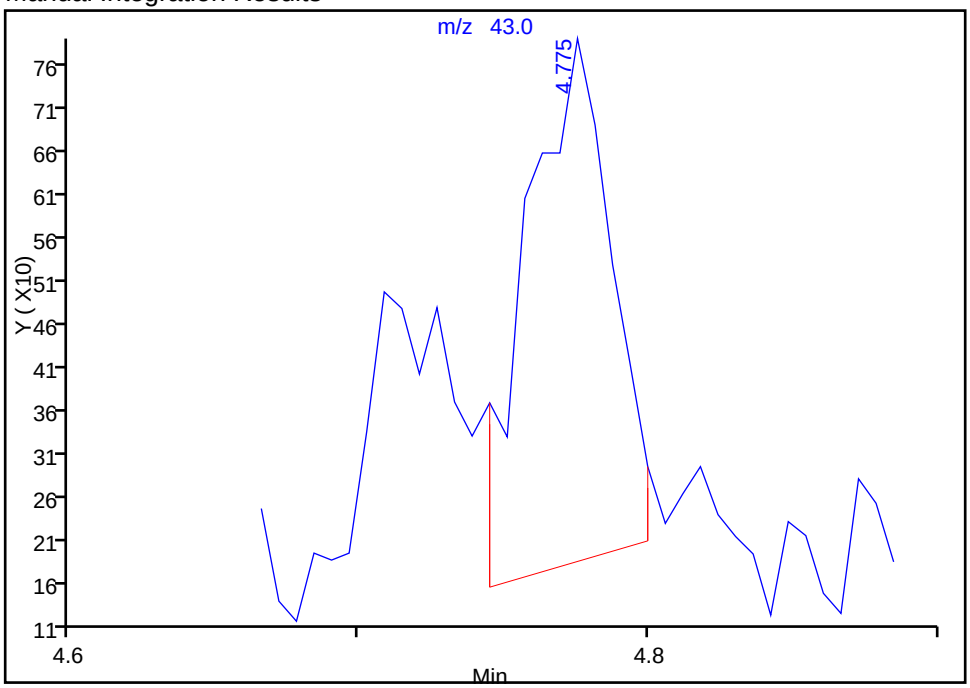
Processing Integration Results

RT: 4.78
Area: 722
Amount: 48.248011
Amount Units: ug/l



Manual Integration Results

RT: 4.78
Area: 1269
Amount: 84.784741
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 12:40:11
Audit Action: Manually Integrated
Audit Reason: Baseline

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-298733/11	B82667.D
Level 2	STD1 460-298733/16	B82672.D
Level 3	STD5 460-298733/4	B82660.D
Level 4	STD20 460-298733/5	B82661.D
Level 5	STD50 460-298733/6	B82662.D
Level 6	STD200 460-298733/7	B82663.D
Level 7	STD500 460-298733/8	B82664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0685	+++++ 0.0614	0.0757	0.0773	0.0597	Ave		0.0685				11.7		20.0			
Dichlorodifluoromethane	+++++ 0.4270	0.2478 0.4204	0.5064	0.4331	0.4011	QuaF		0.4276	-0.000014		0.1000				1.0000		0.9900
Chloromethane	+++++ 0.3735	0.3438 0.3373	0.4437	0.3452	0.3708	Ave		0.3690			0.1000	10.7		20.0			
Butadiene	+++++ 0.3436	0.3702 0.3289	0.4137	0.3213	0.3349	Ave		0.3521				9.8		20.0			
Vinyl chloride	+++++ 0.4196	0.4143 0.3951	0.4567	0.3689	0.4279	Ave		0.4138			0.1000	7.2		20.0			
Bromomethane	+++++ 0.3385	0.3059 0.3050	0.3794	0.3112	0.3421	Ave		0.3303			0.1000	8.8		20.0			
Chloroethane	+++++ 0.2288	0.2502 0.2109	0.2624	0.2192	0.2183	Ave		0.2316			0.1000	8.8		20.0			
Trichlorofluoromethane	+++++ 0.4820	0.6087 0.4706	0.5972	0.4226	0.4600	Ave		0.5068			0.1000	15.2		20.0			
Dichlorofluoromethane	+++++ 0.6321	0.6556 0.5786	0.7481	0.6001	0.6582	Ave		0.6455				9.2		20.0			
Pentane	+++++ 0.0352	0.0400 0.0354	0.0482	0.0449	0.0321	Ave		0.0393				15.9		20.0			
Ethyl ether	+++++ 0.2355	0.2219 0.2245	0.2810	0.2363	0.2335	Ave		0.2388				9.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2587	0.1870 0.2512	0.2831	0.2726	0.2559	Ave		0.2514				13.4		20.0			
Ethanol	+++++ 0.0447	+++++ 0.0411	0.0253	0.0352	0.0436	QuaF		0.0463	0						1.0000		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2362	0.1567 0.2208	0.2603	0.2405	0.2306	Ave		0.2242				15.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 0.4537	0.0746 0.4685	0.5579	0.5641	0.5146	QuaF		0.4823	-0.000039						0.9980		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2451	0.2537 0.2401	0.3387	0.2641	0.2269	Ave		0.2614			0.1000	15.3		20.0			
1,1-Dichloroethene	+++++ 0.2861	0.2334 0.2656	0.3441	0.2983	0.2686	Ave		0.2827			0.1000	13.2		20.0			
Acetone	+++++ 0.7757	0.8835 0.7845	0.9250	0.8232	0.8221	Ave		0.8357			0.0500	6.9		20.0			
Iodomethane	+++++ 0.4964	0.4565 0.4614	0.5455	0.5060	0.5055	Ave		0.4952				6.6		20.0			
Carbon disulfide	+++++ 1.0994	0.9275 0.9776	1.1416	1.1433	1.0765	Ave		1.0610			0.1000	8.4		20.0			
Isopropyl alcohol	+++++ 0.5765	0.4623 0.5099	0.3913	0.5379	0.5735	Ave		0.5086				14.1		20.0			
Allyl chloride	+++++ 0.1557	0.1576 0.1237	0.1939	0.1824	0.1526	Ave		0.1610				15.3		20.0			
Cyclopentene	+++++ 0.8014	0.5656 0.7485	0.8511	0.8254	0.7996	Ave		0.7653				13.5		20.0			
Methyl acetate	+++++ 0.2702	0.2404 0.2426	0.2702	0.2698	0.2608	Ave		0.2590			0.1000	5.4		20.0			
Acetonitrile	+++++ 0.0404	0.0324 0.0356	0.0455	0.0388	0.0411	Ave		0.0390				11.7		20.0			
Methylene Chloride	+++++ 0.3317	0.3643 0.3113	0.4191	0.3438	0.3380	Ave		0.3514			0.1000	10.6		20.0			
2-Methyl-2-propanol	+++++ 1.1811	1.7194 1.1530	1.2733	1.1489	1.1824	Ave		1.2763				17.4		20.0			
Methyl tert-butyl ether	+++++ 0.9537	0.8636 0.8611	1.1089	0.9524	0.9690	Ave		0.9515			0.1000	9.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.3202	0.3997 0.2994	0.3467	0.3416	0.3154	Ave		0.3372			0.1000	10.5		20.0			
Acrylonitrile	0.0986 0.1148	0.0887 0.1033	0.1044	0.1127	0.1111	Ave		0.1048				8.7		20.0			
Hexane	+++++ 0.1197	0.1744 0.1200	0.1167	0.1409	0.1186	Ave		0.1317				17.3		20.0			
Isopropyl ether	+++++ 1.0157	1.0245 0.8879	1.1328	0.9860	1.0316	Ave		1.0131				7.8		20.0			
1,1-Dichloroethane	+++++ 0.6052	0.5484 0.5454	0.6139	0.6374	0.5885	Ave		0.5898			0.2000	6.2		20.0			
Vinyl acetate	+++++ 0.0111	0.0186 0.0114	0.0038	0.0106	0.0090	QuaF		0.0106	0.0000008						1.0000		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.2974	0.2399 0.2807	0.3317	0.2792	0.2921	Ave		0.2868				10.4		20.0			
Allyl alcohol	+++++ 0.1411	+++++ 0.1739	0.0569	0.1122	0.1524	QuaF		0.1226	0.0000041						1.0000		0.9900
Tert-butyl ethyl ether	+++++ 1.0307	0.9184 0.9053	1.1700	1.0323	1.0594	Ave		1.0194				9.6		20.0			
2,2-Dichloropropane	+++++ 0.2537	0.4931 0.2299	0.3413	0.2902	0.2636	QuaF		0.2699	-0.000080						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.3617	0.4574 0.3266	0.3936	0.3246	0.3603	Ave		0.3707			0.1000	13.4		20.0			
2-Butanone (MEK)	+++++ 0.3602	0.3652 0.3720	0.4734	0.3266	0.3364	Ave		0.3723			0.0500	14.1		20.0			
Ethyl acetate	+++++ 0.2865	+++++ 0.3240	0.3556	0.3266	0.2564	Ave		0.3098				12.5		20.0			
Methyl acrylate	+++++ 0.2659	0.2464 0.2576	0.2302	0.2243	0.2463	Ave		0.2451				6.4		20.0			
Propionitrile	+++++ 1.4262	0.9514 1.3819	1.5736	1.4471	1.4143	Ave		1.3657				15.6		20.0			
Tetrahydrofuran	+++++ 0.4216	0.3671 0.4446	0.5010	0.4849	0.4304	Ave		0.4416				10.9		20.0			
Chlorobromomethane	+++++ 0.1646	0.1574 0.1535	0.1588	0.1671	0.1613	Ave		0.1605				3.1		20.0			
Methacrylonitrile	+++++ 0.1333	0.1046 0.1241	0.1246	0.1224	0.1285	Ave		0.1229				8.0		20.0			
Chloroform	+++++ 0.5756	0.6465 0.5412	0.5764	0.5698	0.5656	Ave		0.5792			0.2000	6.1		20.0			
Cyclohexane	+++++ 0.3732	0.3402 0.3515	0.4535	0.4126	0.3330	Ave		0.3774			0.1000	12.5		20.0			
1,1,1-Trichloroethane	+++++ 0.4873	0.4175 0.4584	0.5025	0.5080	0.4782	Ave		0.4753			0.1000	7.0		20.0			
Carbon tetrachloride	+++++ 0.3908	0.3257 0.3700	0.3867	0.3926	0.3715	Ave		0.3729			0.1000	6.7		20.0			
1,1-Dichloropropene	+++++ 0.3930	0.3187 0.3744	0.4114	0.3782	0.3696	Ave		0.3742				8.3		20.0			
2,2,4-Trimethylpentane	+++++ 0.4015	0.6804 0.4211	0.4940	0.4890	0.4343	QuaF		0.3966	0.0000485						1.0000		0.9900
Benzene	+++++ 1.4462	1.3772 1.3466	1.4563	1.4771	1.3974	Ave		1.4168			0.5000	3.6		20.0			
Isobutyl alcohol	+++++ 0.4948	0.3320 0.5031	0.4918	0.4884	0.5045	Ave		0.4691				14.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 1.1602	0.9793 1.0463	1.2374	1.1116	1.1524	Ave		1.1145				8.2		20.0			
Isopropyl acetate	+++++ 0.3013	0.2368 0.2869	0.2937	0.2916	0.2846	Ave		0.2825				8.2		20.0			
1,2-Dichloroethane	+++++ 0.4655	0.5060 0.4441	0.5464	0.4628	0.4321	Ave		0.4762			0.1000	8.9		20.0			
n-Heptane	+++++ 0.0797	0.1047 0.0817	0.1084	0.0915	0.0866	Ave		0.0921				13.0		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.4111	0.4668 0.4005	0.4507	0.4678	0.3766	Ave		0.4289				8.9		20.0			
Trichloroethene	+++++ 0.3320	0.2613 0.3089	0.3185	0.3348	0.3050	Ave		0.3101			0.2000	8.6		20.0			
n-Butanol	+++++ 0.2566	0.0707 0.2710	0.2274	0.2098	0.2185	QuaF		0.2419	0.0000023						1.0000		0.9900
Methylcyclohexane	+++++ 0.2925	0.3365 0.2839	0.3732	0.3283	0.2777	Ave		0.3153			0.1000	11.8		20.0			
Ethyl acrylate	+++++ 0.4126	0.3881 0.3951	0.3080	0.3518	0.3745	Ave		0.3717				10.0		20.0			
1,2-Dichloropropane	+++++ 0.3356	0.2717 0.3232	0.3524	0.3393	0.3190	Ave		0.3235			0.1000	8.7		20.0			
Dibromomethane	+++++ 0.1972	0.2084 0.1939	0.2041	0.2053	0.1846	Ave		0.1989				4.4		20.0			
1,4-Dioxane	+++++ 1.1536	0.8426 0.9630	1.3628	1.1420	1.0512	Ave		1.0859				16.5		20.0			
Methyl methacrylate	+++++ 0.0805	0.1277 0.0806	0.0727	0.0740	0.0696	QuaF		0.0788	0.0000019						1.0000		0.9900
n-Propyl acetate	+++++ 0.4402	0.4401 0.4293	0.3955	0.3625	0.4000	Ave		0.4113				7.5		20.0			
Dichlorobromomethane	+++++ 0.4563	0.4936 0.4427	0.4708	0.4407	0.4319	Ave		0.4560			0.2000	5.0		20.0			
2-Nitropropane	+++++ 0.0816	0.1034 0.0863	0.0716	0.0800	0.0760	Ave		0.0832				13.4		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2120	0.1837 0.2050	0.2124	0.1969	0.1899	Ave		0.2000				5.9		20.0			
Epichlorohydrin	0.2058 0.3141	0.3461 0.3243	0.3594	0.3130	0.3168	Ave		0.3113				16.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.5773	0.4824 0.5877	0.5708	0.5916	0.5727	Ave		0.5638			0.2000	7.2		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 3.4098	3.8541 3.1805	3.7651	3.4827	3.5172	Ave		3.5349			0.0500	6.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 1.4221	1.4630 1.3399	1.5045	1.4474	1.3613	Ave		1.4230			0.4000	4.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5150	0.3901 0.5167	0.4462	0.4982	0.4870	Ave		0.4755			0.1000	10.3		20.0			
Ethyl methacrylate	+++++ 0.4974	0.3410 0.4989	0.4342	0.4610	0.4746	Ave		0.4512				13.1		20.0			
1,1,2-Trichloroethane	+++++ 0.2882	0.2970 0.2873	0.2875	0.2631	0.2632	Ave		0.2810			0.1000	5.1		20.0			
Tetrachloroethene	+++++ 0.2954	0.2585 0.3079	0.3002	0.3170	0.2821	Ave		0.2935			0.2000	7.1		20.0			
1,3-Dichloropropane	+++++ 0.5523	0.6006 0.5568	0.5914	0.5329	0.5404	Ave		0.5624				4.9		20.0			
2-Hexanone	+++++ 2.2980	1.7289 2.1786	2.4292	2.2586	2.3225	Ave		2.2026			0.0500	11.2		20.0			
Chlorodibromomethane	+++++ 0.3428	0.3138 0.3450	0.3232	0.3289	0.3289	Ave		0.3304			0.1000	3.6		20.0			
n-Butyl acetate	+++++ 0.0904	0.0992 0.0909	0.0678	0.0844	0.0825	Ave		0.0859				12.4		20.0			
Ethylene Dibromide	+++++ 0.3106	0.2669 0.3094	0.3339	0.3270	0.2959	Ave		0.3073			0.1000	7.8		20.0			
Chlorobenzene	+++++ 0.9122	0.8298 0.8906	0.9670	0.9790	0.9006	Ave		0.9132			0.5000	6.0		20.0			
Ethylbenzene	+++++ 0.5096	0.5318 0.5114	0.5544	0.5230	0.4906	Ave		0.5201			0.1000	4.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3473	0.4177 0.3461	0.3644	0.3229	0.3235	Ave		0.3536				9.9		20.0			
m-Xylene & p-Xylene	+++++ 0.6148	0.5301 0.5963	0.6340	0.6227	0.5999	Ave		0.5996			0.1000	6.1		20.0			
o-Xylene	+++++ 0.6573	0.6114 0.6292	0.6410	0.6492	0.6304	Ave		0.6364			0.3000	2.6		20.0			
n-Butyl acrylate	+++++ 0.3524	0.3451 0.3567	0.3218	0.3115	0.3387	Ave		0.3377				5.2		20.0			
Styrene	+++++ 1.1001	0.9112 1.0300	1.0795	1.1242	1.0609	Ave		1.0510			0.3000	7.2		20.0			
Bromoform	+++++ 0.2226	0.1732 0.2345	0.1993	0.2059	0.2001	Ave		0.2059			0.1000	10.3		20.0			
Amyl acetate (mixed isomers)	+++++ 1.4360	1.1485 1.3826	1.3267	1.3553	1.3984	Ave		1.3413				7.6		20.0			
Isopropylbenzene	+++++ 1.3588	1.2995 1.2009	1.5165	1.4337	1.3365	Ave		1.3577			0.1000	8.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphene	+++++ 0.0727	0.1487 0.0768	0.0832	0.0754	0.0652	QuaF		0.0693	0.0000152						1.0000		0.9900
Bromobenzene	+++++ 0.6891	0.7607 0.7106	0.7194	0.7137	0.6893	Ave		0.7138				3.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8008	0.7243 0.8401	0.8460	0.7983	0.7920	Ave		0.8003			0.3000	5.5		20.0			
N-Propylbenzene	+++++ 2.7562	2.6741 2.4105	3.0601	3.0673	2.8988	Ave		2.8112				9.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2189	0.2708 0.2304	0.2482	0.2230	0.2238	Ave		0.2358				8.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2433	0.2525 0.2477	0.2781	0.2445	0.2099	Ave		0.2460				8.9		20.0			
2-Chlorotoluene	+++++ 2.1673	2.0459 2.0585	2.4625	2.2858	2.2572	Ave		2.2129				7.1		20.0			
4-Ethyltoluene	+++++ 2.3172	2.3937 2.1452	2.6542	2.5104	2.4486	Ave		2.4116				7.2		20.0			
1,3,5-Trimethylbenzene	+++++ 1.9629	2.2340 1.8646	2.4173	2.0534	2.0111	Ave		2.0905				9.6		20.0			
4-Chlorotoluene	+++++ 2.0418	2.6290 1.9264	2.4101	2.1527	2.0775	Ave		2.2063				11.9		20.0			
Butyl Methacrylate	+++++ 1.0338	0.7629 1.0411	0.9238	1.0632	1.0074	Ave		0.9720				11.7		20.0			
tert-Butylbenzene	+++++ 1.4448	1.2365 1.4480	1.6514	1.4304	1.4458	Ave		1.4428				9.1		20.0			
1,2,4-Trimethylbenzene	+++++ 2.1257	1.8955 1.9678	2.3072	2.2455	2.2091	Ave		2.1251				7.7		20.0			
sec-Butylbenzene	+++++ 1.9869	2.2778 1.8934	2.1430	2.1506	2.0855	Ave		2.0895				6.5		20.0			
1,3-Dichlorobenzene	+++++ 1.2371	1.2690 1.2170	1.4916	1.2520	1.2770	Ave		1.2906			0.6000	7.8		20.0			
4-Isopropyltoluene	+++++ 1.7222	1.7674 1.6953	2.1152	1.8561	1.7752	Ave		1.8219				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.2491	1.3949 1.2280	1.3678	1.2674	1.2715	Ave		1.2964			0.5000	5.3		20.0			
Benzyl chloride	+++++ 1.3982	1.1837 1.3458	1.1928	1.3282	1.3940	Ave		1.3071				7.3		20.0			
Indan	+++++ 2.4193	2.6818 2.1329	2.7877	2.6207	2.5120	Ave		2.5257				9.2		20.0			
p-Diethylbenzene	+++++ 0.9820	1.1219 1.0126	1.2118	1.0973	1.0112	Ave		1.0728				8.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 1.8298	2.0555 1.8386	2.2340	2.2444	2.0148	Ave		2.0362				8.9		20.0			
1,2-Dichlorobenzene	+++++ 1.2401	1.2103 1.2318	1.3502	1.3432	1.2494	Ave		1.2708			0.4000	4.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.7152	1.9459 1.6196	1.8673	1.8744	1.8050	Ave		1.8046				6.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1651	0.1418 0.1681	0.2124	0.1352	0.1528	Ave		0.1626			0.0500	16.9		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6798	0.7688 0.6923	0.8146	0.7779	0.7428	Ave		0.7460				7.0		20.0			
Camphor	+++++ 0.1011	0.0819 0.1149	0.0883	0.0814	0.0897	Ave		0.0929				13.9		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6468	0.6926 0.6669	0.6844	0.6495	0.6872	Ave		0.6713			0.2000	3.0		20.0			
Hexachlorobutadiene	+++++ 0.2081	0.3684 0.2464	0.3194	0.2463	0.2695	QuaF		0.1952	0.0001017						0.9990		0.9900
Naphthalene	+++++ 1.7977	1.9496 1.7273	1.5600	1.6623	1.8452	Ave		1.7570				7.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4700	0.6431 0.4937	0.5213	0.4574	0.4962	Ave		0.5136				13.1		20.0			
Dibromofluoromethane (Surr)	0.2435 0.2631	0.2490 0.2464	0.2465	0.2508	0.2674	Ave		0.2524				3.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3251 0.3331	0.3530 0.3479	0.3399	0.3205	0.3381	Ave		0.3368				3.5		20.0			
Toluene-d8 (Surr)	1.0940 1.0943	1.0914 1.1078	1.1010	1.1008	1.1068	Ave		1.0994				0.6		20.0			
4-Bromofluorobenzene	0.3536 0.3382	0.3584 0.3581	0.3553	0.3559	0.3584	Ave		0.3540				2.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-298733/11	B82667.D
Level 2	STD1 460-298733/16	B82672.D
Level 3	STD5 460-298733/4	B82660.D
Level 4	STD20 460-298733/5	B82661.D
Level 5	STD50 460-298733/6	B82662.D
Level 6	STD200 460-298733/7	B82663.D
Level 7	STD500 460-298733/8	B82664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 132186	+++++ 337035	3288	13674	26357	+++++ 200	+++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	QuaF	+++++ 824236	2295 2308208	21995	76631	177018	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 720926	3184 1851662	19271	61077	163610	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 663178	3429 1805811	17968	56859	147766	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 810047	3837 2169353	19839	65285	188831	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 653413	2833 1674608	16481	55067	150954	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 441699	2317 1157964	11398	38796	96346	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 930374	5637 2583536	25940	74785	202974	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1220255	6072 3176521	32497	106188	290465	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 135744	740 388889	4186	15873	28355	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 454636	2055 1232835	12205	41810	103055	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 499348	1732 1379095	12295	48241	112923	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	QuaF	+++++ 105728	+++++ 269809	1205	6826	23129	+++++ 8000	+++++ 20000	200	800	2000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 456021	1451 1212138	11306	42554	101745	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	QuaF	+++++ 26858	80 61462	2658	5475	13656	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 473154	2350 1318118	14713	46739	100114	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 552229	2162 1458335	14945	52790	118516	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 721475	3532 1966153	16363	63908	161204	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 958293	4228 2533125	23694	89544	223089	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2122281	8590 5367455	49587	202303	475042	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 341279	1240 836242	4661	26104	76090	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 300637	1460 679024	8423	32271	67325	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1547083	5238 4109788	36970	146057	352856	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 2608395	11132 6659172	58679	238676	575336	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	FB	Ave	+++++ 779023	3002 1953168	19770	68657	181226	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 640261	3374 1709095	18203	60838	149170	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 699163	4612 1890689	15165	55751	156890	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1840952	7998 4727894	48168	168533	427597	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 618018	3702 1643800	15061	60445	139203	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1933 2215675	8216 5669766	45332	199346	490385	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 231027	1615 659105	5069	24926	52348	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1960571	9488 4875034	49205	174475	455211	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1168272	5079 2994550	26664	112791	259682	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	QuaF	+++++ 42817	344 124833	334	3751	7932	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 574000	2222 1541023	14408	49396	128890	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl alcohol	TBA	QuaF	+++++ 208751	+++++ 712916	1694	13606	50537	+++++ 5000	+++++ 12500	125	500	1250

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 1989529	8506 4970644	50821	182670	467487	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	QuaF	+++++ 489651	4567 1262108	14825	51342	116338	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 698190	4236 1793156	17097	57433	158990	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 335023	1460 932438	8374	25352	65956	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 106592	+++++ 324810	2516	10142	20113	+++++ 400	+++++ 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 513200	2282 1414115	10001	39692	108670	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 844214	2552 2266049	18742	70225	187657	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 156858	587 445767	3545	15057	33756	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 317726	1458 842976	6899	29572	71171	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2572753	9690 6813292	54103	216647	567181	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1111157	5987 2971561	25035	100818	249598	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 720439	3151 1930115	19698	73011	146962	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 940605	3867 2516833	21829	89892	211033	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 754325	3016 2031668	16799	69472	163941	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 758590	2952 2055720	17868	66930	163093	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	QuaF	+++++ 774947	6301 2312298	21456	86527	191631	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 2494419	11671 6359685	56174	229896	551778	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 732190	2226 2062480	14643	59251	167354	+++++ 5000	25.0 12500	125	500	1250
Tert-amyl methyl ether	FB	Ave	+++++ 2239543	9070 5744805	53749	196704	508532	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 581556	2193 1575293	12759	51602	125608	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 898561	4686 2438408	23732	81900	190692	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Heptane	FB	Ave	+++++ 153913	970 448642	4707	16188	38204	+++++ 200	1.00 500	5.00	20.0	50.0
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 1586992	8646 4397385	39154	165537	332339	+++++ 400	2.00 1000	10.0	40.0	100
Trichloroethene	FB	Ave	+++++ 640855	2420 1696008	13834	59248	134613	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA	QuaF	+++++ 379733	474 1110923	6772	25456	72483	+++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	Ave	+++++ 564547	3116 1558715	16210	58090	122526	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 796453	3594 2169140	13377	62248	165255	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 647822	2516 1774697	15306	60040	140749	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 380579	1930 1064637	8867	36336	81464	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 136051	1161 360901	3223	11804	30925	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	QuaF	+++++ 310745	2366 885462	6314	26193	61468	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 849803	4076 2357229	17180	64148	176497	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 880870	4571 2430450	20450	77979	190587	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 315118	1915 947743	6217	28309	67103	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 409295	1701 1125273	9225	34843	83782	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	887 1168517	5534 3250836	25433	97181	248478	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 995690	4088 2775759	22016	92083	226142	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 3171493	15408 7971454	66602	270366	689677	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 2452919	12398 6327881	58030	225268	537529	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 888220	3306 2440407	17210	77542	192307	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 857907	2890 2356190	16747	71753	187406	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 497128	2517 1356622	11089	40951	103930	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 509553	2191 1454320	11579	49336	111399	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 952549	5090 2629850	22811	82947	213402	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2137391	6912 5460258	42972	175335	455405	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBZ	Ave	+++++ 591219	2659 1629322	12468	51191	129872	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 155838	841 429328	2616	13139	32576	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 535673	2262 1461127	12880	50896	116860	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1573378	7032 4206249	37301	152374	355623	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 878904	4507 2415248	21386	81397	193716	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 598950	3540 1634716	14055	50259	127736	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1060471	4492 2816063	24455	96923	236903	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1133652	5181 2971356	24725	101043	248910	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 607806	2925 1684615	12414	48482	133724	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1897548	7722 4864397	41639	174965	418906	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 383864	1468 1107664	7686	32051	78998	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1402164	5263 3552413	29238	120093	306628	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2343749	11013 5671607	58494	223141	527739	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	QuaF	+++++ 125316	1260 362934	3209	11738	25748	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 672889	3486 1825747	15853	63240	151129	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 781921	3319 2158662	18643	70739	173668	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 2691212	12254 6193477	67437	271788	635597	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 213706	1241 592060	5470	19759	49064	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 237529	1157 636392	6129	21664	46032	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2116158	9375 5289167	54267	202540	494925	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2262517	10969 5511903	58493	222439	536901	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1916547	10237 4790895	53272	181949	440957	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1993598	12047 4949740	53113	190750	455531	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 1009450	3496 2675084	20358	94209	220886	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1410742	5666 3720471	36393	126748	317009	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2075559	8686 5055957	50846	198972	484380	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1939985	10438 4864831	47226	190559	457280	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1207934	5815 3126876	32872	110941	279995	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1681541	8099 4355828	46613	164461	389239	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1219617	6392 3155210	30142	112300	278805	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1365197	5424 3457892	26286	117691	305666	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 2362259	12289 5480421	61433	232215	550787	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 958867	5141 2601807	26704	97230	221725	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1786621	9419 4724075	49231	198869	441772	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1210876	5546 3165064	29754	119022	273944	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1674765	8917 4161391	41150	166086	395781	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 161160	650 431976	4680	11984	33504	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 663729	3523 1778866	17952	68931	162875	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 493720	1877 1475941	9728	36054	98347	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 631578	3174 1713616	15083	57553	150688	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	QuaF	+++++ 203177	1688 633136	7039	21827	59083	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1755303	8934 4438257	34379	147289	404591	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 458883	2947 1268418	11489	40526	108800	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	119355 126949	115309 135285	107063	110961	118015	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159344 160737	163458 191000	147630	141769	149214	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	457693 471887	462442 523178	424691	428324	437042	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	147953 145839	151886 169110	137042	138471	141507	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 15-May-2015 02:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0027416-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:30 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:08:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.008	22	3288	5.00	5.52	
2 Dichlorodifluoromethane	85	1.093	1.117	-0.024	81	21995	5.00	5.92	
3 Chloromethane	50	1.216	1.224	-0.008	96	19271	5.00	6.01	
5 Butadiene	54	1.307	1.307	0.000	88	17968	5.00	5.87	
4 Vinyl chloride	62	1.307	1.315	-0.008	96	19839	5.00	5.52	
6 Bromomethane	94	1.537	1.545	-0.008	96	16481	5.00	5.74	
7 Chloroethane	64	1.595	1.603	-0.008	75	11398	5.00	5.66	
10 Trichlorofluoromethane	101	1.768	1.767	0.001	63	25940	5.00	5.89	
9 Dichlorofluoromethane	67	1.768	1.784	-0.016	96	32497	5.00	5.80	
8 Pentane	72	1.784	1.800	-0.016	89	4186	10.0	12.3	
11 Ethyl ether	59	1.982	1.981	0.001	75	12205	5.00	5.88	
13 2-Methyl-1,3-butadiene	53	1.990	1.998	-0.008	81	12295	5.00	5.63	
12 Ethanol	46	2.039	2.006	0.033	1	1205	200.0	109.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.056	2.047	0.009	88	11306	5.00	5.81	
15 Acrolein	56	2.146	2.146	0.000	32	2658	20.0	23.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.146	2.154	-0.008	59	14713	5.00	6.48	
17 1,1-Dichloroethene	96	2.154	2.163	-0.008	97	14945	5.00	6.09	
18 Acetone	43	2.261	2.269	-0.008	63	16363	25.0	27.7	
19 Iodomethane	142	2.302	2.302	0.000	96	23694	5.00	5.51	
20 Carbon disulfide	76	2.319	2.327	-0.008	99	49587	5.00	5.38	
21 Isopropyl alcohol	45	2.401	2.376	0.025	1	4661	50.0	38.5	
22 3-Chloro-1-propene	76	2.467	2.483	-0.016	39	8423	5.00	6.02	
23 Cyclopentene	67	2.484	2.483	0.001	82	36970	5.00	5.56	
24 Methyl acetate	43	2.492	2.500	-0.008	98	58679	25.0	26.1	
25 Acetonitrile	41	2.558	2.558	0.000	33	19770	50.0	58.4	
26 Methylene Chloride	84	2.599	2.607	-0.008	88	18203	5.00	5.96	
* 27 TBA-d9 (IS)	65	2.640	2.632	0.008	85	238208	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.706	2.714	-0.008	57	15165	50.0	49.9	
29 Methyl tert-butyl ether	73	2.772	2.780	-0.008	95	48168	5.00	5.83	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	92	15061	5.00	5.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.879	2.878	0.001	95	45332	50.0	49.8	
32 Hexane	43	2.944	2.953	-0.009	86	5069	5.00	4.43	
34 Isopropyl ether	45	3.183	3.199	-0.016	90	49205	5.00	5.59	
33 1,1-Dichloroethane	63	3.200	3.199	0.001	96	26664	5.00	5.20	
36 Vinyl acetate	86	3.241	3.241	0.000	1	334	10.0	3.62	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	89	14408	5.00	5.78	
37 Allyl alcohol	57	3.348	3.298	0.050	1	1694	125.0	57.9	
38 Tert-butyl ethyl ether	59	3.520	3.537	-0.017	89	50821	5.00	5.74	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	49	14825	5.00	6.33	
* 158 2-Butanone-d5	46	3.734	3.743	-0.009	99	176895	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.759	3.767	-0.008	97	17097	5.00	5.31	
41 2-Butanone (MEK)	72	3.784	3.792	-0.008	99	8374	25.0	31.8	
42 Ethyl acetate	70	3.817	3.825	-0.008	92	2516	10.0	11.5	
43 Methyl acrylate	55	3.858	3.866	-0.008	42	10001	5.00	4.70	
44 Propionitrile	54	3.948	3.940	0.008	95	18742	50.0	57.6	
46 Tetrahydrofuran	72	3.998	3.998	0.000	62	3545	10.0	11.3	
45 Chlorobromomethane	128	4.006	4.014	-0.008	87	6899	5.00	4.95	
47 Methacrylonitrile	67	4.047	4.047	0.000	90	54103	50.0	50.7	
48 Chloroform	83	4.080	4.088	-0.008	96	25035	5.00	4.98	
49 Cyclohexane	84	4.195	4.187	0.008	72	19698	5.00	6.01	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	77	21829	5.00	5.29	M
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	95	107063	50.0	48.8	
52 Carbon tetrachloride	117	4.343	4.352	-0.009	88	16799	5.00	5.19	
53 1,1-Dichloropropene	75	4.376	4.393	-0.017	95	17868	5.00	5.50	
54 Isooctane	57	4.590	4.599	-0.008	91	21456	5.00	6.22	
55 Benzene	78	4.607	4.607	0.000	95	56174	5.00	5.14	
56 Isobutyl alcohol	43	4.615	4.631	-0.016	44	14643	125.0	131.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	97	147630	50.0	50.5	
58 Tert-amyl methyl ether	73	4.706	4.714	-0.008	96	53749	5.00	5.55	
59 Isopropyl acetate	87	4.730	4.722	0.008	70	12759	5.00	5.20	
60 1,2-Dichloroethane	62	4.722	4.730	-0.008	77	23732	5.00	5.74	
61 n-Heptane	57	4.837	4.837	0.000	44	4707	5.00	5.88	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	434365	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	94	39154	10.0	10.5	
64 Trichloroethene	95	5.364	5.364	0.000	96	13834	5.00	5.14	
65 n-Butanol	56	5.422	5.421	0.001	64	6772	125.0	117.4	
66 Methylcyclohexane	83	5.504	5.496	0.008	95	16210	5.00	5.92	
67 Ethyl acrylate	55	5.570	5.578	-0.008	55	13377	5.00	4.14	
68 1,2-Dichloropropane	63	5.701	5.710	-0.009	87	15306	5.00	5.45	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	87	23650	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	53	8867	5.00	5.13	
72 Methyl methacrylate	100	5.874	5.866	0.008	88	6314	10.0	9.23	
71 1,4-Dioxane	88	5.882	5.866	0.016	3	3223	100.0	125.5	
73 n-Propyl acetate	43	5.948	5.948	0.000	62	17180	5.00	4.81	
74 Dichlorobromomethane	83	6.072	6.072	0.000	97	20450	5.00	5.16	
75 2-Nitropropane	41	6.483	6.491	-0.008	90	6217	10.0	8.61	
76 2-Chloroethyl vinyl ether	63	6.533	6.532	0.001	88	9225	5.00	5.31	
77 Epichlorohydrin	57	6.631	6.623	0.008	95	25433	100.0	115.4	
78 cis-1,3-Dichloropropene	75	6.681	6.689	-0.008	93	22016	5.00	5.06	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	94	66602	25.0	26.6	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	100	424691	50.0	50.1	
81 Toluene	91	7.026	7.026	0.000	95	58030	5.00	5.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	95	17210	5.00	4.69	
83 Ethyl methacrylate	69	7.487	7.487	0.000	88	16747	5.00	4.81	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	87	11089	5.00	5.11	
85 Tetrachloroethene	166	7.627	7.627	0.000	86	11579	5.00	5.11	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	88	22811	5.00	5.26	
87 2-Hexanone	43	7.890	7.890	0.000	99	42972	25.0	27.6	
88 Chlorodibromomethane	129	7.997	7.997	0.000	78	12468	5.00	4.89	
89 n-Butyl acetate	73	8.006	8.014	-0.008	99	2616	5.00	3.95	
90 Ethylene Dibromide	107	8.113	8.113	0.000	89	12880	5.00	5.43	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	88	385722	50.0	50.0	
92 Chlorobenzene	112	8.582	8.590	-0.008	91	37301	5.00	5.29	
93 Ethylbenzene	106	8.672	8.672	0.000	98	21386	5.00	5.33	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	91	14055	5.00	5.15	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	96	24455	5.00	5.29	
96 o-Xylene	106	9.166	9.166	0.000	92	24725	5.00	5.04	
97 n-Butyl acrylate	73	9.182	9.182	0.000	99	12414	5.00	4.77	
98 Styrene	104	9.199	9.199	0.000	94	41639	5.00	5.14	
99 Bromoform	173	9.380	9.380	0.000	53	7686	5.00	4.84	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	89	29238	5.00	4.95	
101 Isopropylbenzene	105	9.495	9.495	0.000	94	58494	5.00	5.58	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	137042	50.0	50.2	
103 Camphene	41	9.676	9.676	0.000	89	3209	5.00	6.00	
104 Bromobenzene	156	9.783	9.783	0.000	95	15853	5.00	5.04	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	75	18643	5.00	5.29	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	67437	5.00	5.44	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	92	5470	5.00	5.26	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	63	6129	5.00	5.65	
109 2-Chlorotoluene	91	9.940	9.948	-0.008	95	54267	5.00	5.56	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	58493	5.00	5.50	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	89	53272	5.00	5.78	
112 4-Chlorotoluene	91	10.047	10.047	0.000	97	53113	5.00	5.46	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	20358	5.00	4.75	
114 tert-Butylbenzene	119	10.269	10.269	0.000	95	36393	5.00	5.72	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	97	50846	5.00	5.43	
116 sec-Butylbenzene	105	10.450	10.458	-0.008	98	47226	5.00	5.13	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	84	32872	5.00	5.78	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	95	46613	5.00	5.80	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	220375	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	92	30142	5.00	5.28	
121 Benzyl chloride	91	10.779	10.779	0.000	96	26286	5.00	4.56	
122 2,3-Dihydroindene	117	10.828	10.837	-0.009	94	61433	5.00	5.52	
123 p-Diethylbenzene	119	10.886	10.886	0.000	93	26704	5.00	5.65	
124 n-Butylbenzene	91	10.903	10.902	0.000	97	49231	5.00	5.49	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	93	29754	5.00	5.31	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	41150	5.00	5.17	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	75	4680	5.00	6.53	
128 1,3,5-Trichlorobenzene	180	11.693	11.701	-0.008	92	17952	5.00	5.46	
129 Camphor	95	12.121	12.112	0.008	88	9728	25.0	23.8	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	85	15083	5.00	5.10	
131 Hexachlorobutadiene	225	12.269	12.277	-0.008	82	7039	5.00	8.15	
132 Naphthalene	128	12.400	12.392	0.008	98	34379	5.00	4.44	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	87	11489	5.00	5.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 135 Xylenes, Total	100				0		10.0	10.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
GAS Hi_00097	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-May-2015 15:01:32 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D

Injection Date: 15-May-2015 02:28:30 Instrument ID: CVOAMS2 Operator ID:

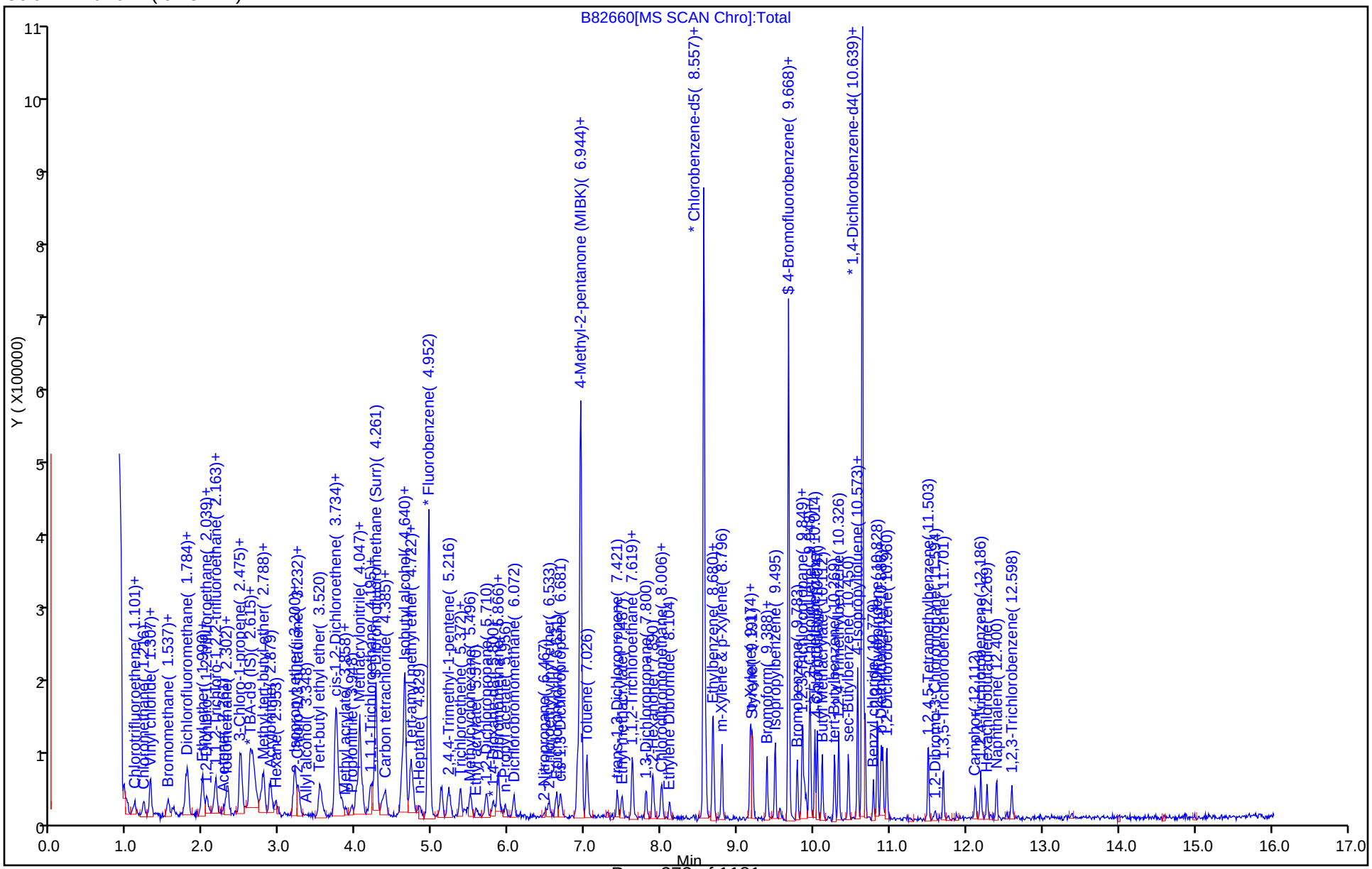
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

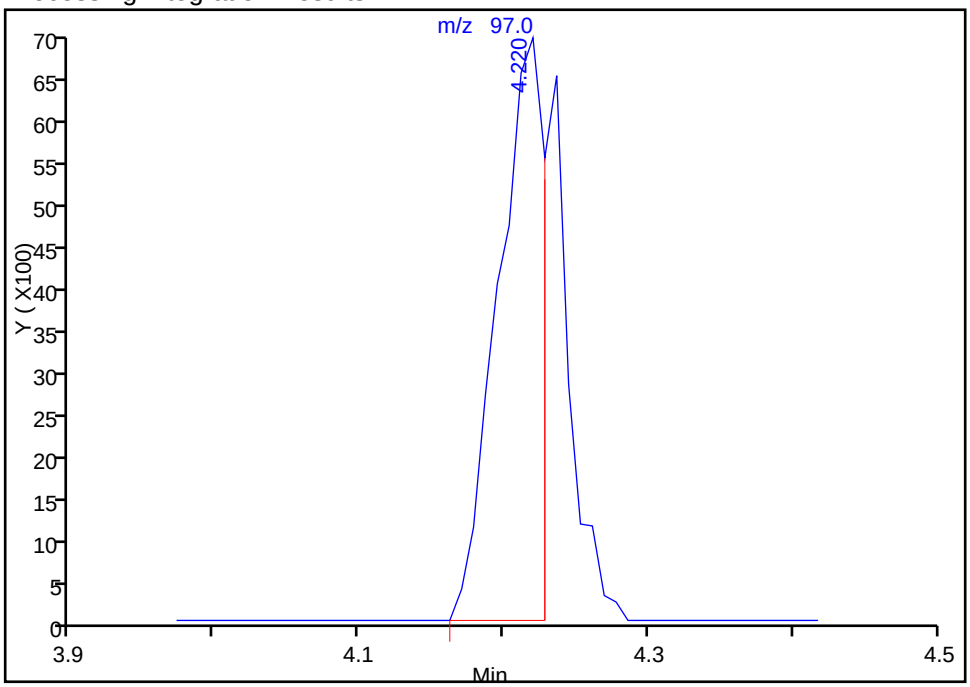
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D
Injection Date: 15-May-2015 02:28:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

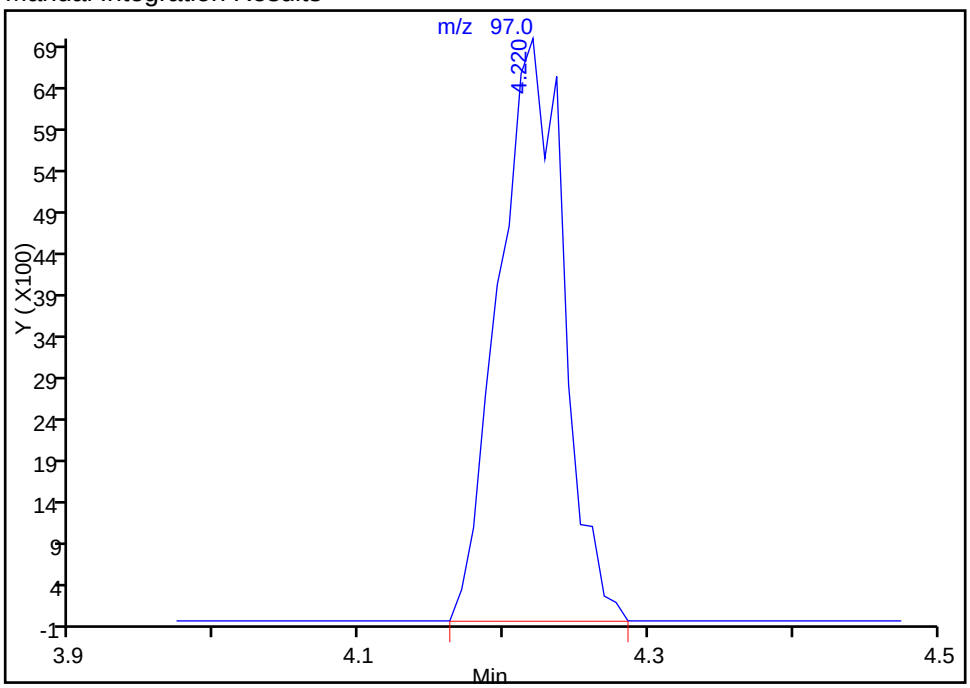
Processing Integration Results

RT: 4.22
Area: 15800
Amount: 3.616928
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 21829
Amount: 5.286298
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:47:47
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82661.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 15-May-2015 02:52:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0027416-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:35 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:06:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.101	0.000	59	13674	20.0	22.6	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	97	76631	20.0	20.3	
3 Chloromethane	50	1.224	1.224	0.000	98	61077	20.0	18.7	
5 Butadiene	54	1.307	1.307	0.000	90	56859	20.0	18.3	
4 Vinyl chloride	62	1.315	1.315	0.000	97	65285	20.0	17.8	
6 Bromomethane	94	1.545	1.545	0.000	98	55067	20.0	18.8	
7 Chloroethane	64	1.603	1.603	0.000	98	38796	20.0	18.9	
10 Trichlorofluoromethane	101	1.767	1.767	0.000	62	74785	20.0	16.7	
9 Dichlorofluoromethane	67	1.784	1.784	0.000	96	106188	20.0	18.6	
8 Pentane	72	1.800	1.800	0.000	93	15873	40.0	45.7	
11 Ethyl ether	59	1.981	1.981	0.000	85	41810	20.0	19.8	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	48241	20.0	21.7	
12 Ethanol	46	2.006	2.006	0.000	35	6826	800.0	609.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.047	2.047	0.000	92	42554	20.0	21.5	
15 Acrolein	56	2.146	2.146	0.000	26	5475	40.0	47.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.154	2.154	0.000	49	46739	20.0	20.2	
17 1,1-Dichloroethene	96	2.163	2.163	0.000	99	52790	20.0	21.1	
18 Acetone	43	2.269	2.269	0.000	79	63908	100.0	98.5	
19 Iodomethane	142	2.302	2.302	0.000	98	89544	20.0	20.4	
20 Carbon disulfide	76	2.327	2.327	0.000	100	202303	20.0	21.6	
21 Isopropyl alcohol	45	2.376	2.376	0.000	29	26104	200.0	211.5	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	45	32271	20.0	22.7	
23 Cyclopentene	67	2.483	2.483	0.000	84	146057	20.0	21.6	
24 Methyl acetate	43	2.500	2.500	0.000	100	238676	100.0	104.2	
25 Acetonitrile	41	2.558	2.558	0.000	97	68657	200.0	199.2	
26 Methylene Chloride	84	2.607	2.607	0.000	93	60838	20.0	19.6	
* 27 TBA-d9 (IS)	65	2.632	2.632	0.000	91	242635	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.714	2.714	0.000	84	55751	200.0	180.0	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	97	168533	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	94	60445	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.878	2.878	0.000	93	199346	200.0	215.0	
32 Hexane	43	2.953	2.953	0.000	91	24926	20.0	21.4	
34 Isopropyl ether	45	3.199	3.199	0.000	99	174475	20.0	19.5	
33 1,1-Dichloroethane	63	3.199	3.199	0.000	96	112791	20.0	21.6	
36 Vinyl acetate	86	3.241	3.241	0.000	51	3751	40.0	39.8	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	92	49396	20.0	19.5	
37 Allyl alcohol	57	3.298	3.298	0.000	8	13606	500.0	450.5	
38 Tert-butyl ethyl ether	59	3.537	3.537	0.000	88	182670	20.0	20.3	
39 2,2-Dichloropropane	41	3.718	3.718	0.000	82	51342	20.0	21.6	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	90	194078	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	96	57433	20.0	17.5	
41 2-Butanone (MEK)	72	3.792	3.792	0.000	96	25352	100.0	87.7	
42 Ethyl acetate	70	3.825	3.825	0.000	93	10142	40.0	42.2	
43 Methyl acrylate	55	3.866	3.866	0.000	59	39692	20.0	18.3	
44 Propionitrile	54	3.940	3.940	0.000	97	70225	200.0	211.9	
46 Tetrahydrofuran	72	3.998	3.998	0.000	75	15057	40.0	43.9	
45 Chlorobromomethane	128	4.014	4.014	0.000	92	29572	20.0	20.8	
47 Methacrylonitrile	67	4.047	4.047	0.000	90	216647	200.0	199.2	
48 Chloroform	83	4.088	4.088	0.000	98	100818	20.0	19.7	
49 Cyclohexane	84	4.187	4.187	0.000	89	73011	20.0	21.9	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	95	89892	20.0	21.4	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	93	110961	50.0	49.7	
52 Carbon tetrachloride	117	4.352	4.352	0.000	96	69472	20.0	21.1	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	95	66930	20.0	20.2	
54 Isooctane	57	4.599	4.599	0.000	97	86527	20.0	24.6	
55 Benzene	78	4.607	4.607	0.000	96	229896	20.0	20.9	
56 Isobutyl alcohol	43	4.631	4.631	0.000	56	59251	500.0	520.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	95	141769	50.0	47.6	
58 Tert-amyl methyl ether	73	4.714	4.714	0.000	93	196704	20.0	19.9	
59 Isopropyl acetate	87	4.722	4.722	0.000	42	51602	20.0	20.6	
60 1,2-Dichloroethane	62	4.730	4.730	0.000	87	81900	20.0	19.4	
61 n-Heptane	57	4.837	4.837	0.000	90	16188	20.0	19.9	
* 62 Fluorobenzene	96	4.961	4.961	0.000	99	442372	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	94	165537	40.0	43.6	
64 Trichloroethene	95	5.364	5.364	0.000	97	59248	20.0	21.6	
65 n-Butanol	56	5.421	5.421	0.000	81	25456	500.0	431.9	
66 Methylcyclohexane	83	5.496	5.496	0.000	91	58090	20.0	20.8	
67 Ethyl acrylate	55	5.578	5.578	0.000	99	62248	20.0	18.9	
68 1,2-Dichloropropane	63	5.710	5.710	0.000	88	60040	20.0	21.0	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	92	25840	1000.0	1000.0	
70 Dibromomethane	93	5.858	5.858	0.000	60	36336	20.0	20.6	
72 Methyl methacrylate	100	5.866	5.866	0.000	87	26193	40.0	37.6	
71 1,4-Dioxane	88	5.866	5.866	0.000	33	11804	400.0	420.7	
73 n-Propyl acetate	43	5.948	5.948	0.000	98	64148	20.0	17.6	
74 Dichlorobromomethane	83	6.072	6.072	0.000	97	77979	20.0	19.3	
75 2-Nitropropane	41	6.491	6.491	0.000	85	28309	40.0	38.5	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	90	34843	20.0	19.7	
77 Epichlorohydrin	57	6.623	6.623	0.000	98	97181	400.0	402.1	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	93	92083	20.0	21.0	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	98	270366	100.0	98.5	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	428324	50.0	50.1	
81 Toluene	91	7.026	7.026	0.000	95	225268	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	97	77542	20.0	21.0	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	71753	20.0	20.4	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	88	40951	20.0	18.7	
85 Tetrachloroethene	166	7.627	7.627	0.000	90	49336	20.0	21.6	
86 1,3-Dichloropropane	76	7.800	7.800	0.000	94	82947	20.0	19.0	
87 2-Hexanone	43	7.890	7.890	0.000	97	175335	100.0	102.5	
88 Chlorodibromomethane	129	7.997	7.997	0.000	98	51191	20.0	19.9	
89 n-Butyl acetate	73	8.014	8.014	0.000	98	13139	20.0	19.7	
90 Ethylene Dibromide	107	8.113	8.113	0.000	96	50896	20.0	21.3	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	89	389097	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	94	152374	20.0	21.4	
93 Ethylbenzene	106	8.672	8.672	0.000	98	81397	20.0	20.1	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	94	50259	20.0	18.3	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	98	96923	20.0	20.8	
96 o-Xylene	106	9.166	9.166	0.000	93	101043	20.0	20.4	
97 n-Butyl acrylate	73	9.182	9.182	0.000	94	48482	20.0	18.4	
98 Styrene	104	9.199	9.199	0.000	96	174965	20.0	21.4	
99 Bromoform	173	9.380	9.380	0.000	90	32051	20.0	20.0	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	120093	20.0	20.2	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	223141	20.0	21.1	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	86	138471	50.0	50.3	
103 Camphene	41	9.676	9.676	0.000	94	11738	20.0	21.7	
104 Bromobenzene	156	9.783	9.783	0.000	96	63240	20.0	20.0	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	97	70739	20.0	20.0	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	271788	20.0	21.8	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	94	19759	20.0	18.9	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	79	21664	20.0	19.9	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	202540	20.0	20.7	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	222439	20.0	20.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	181949	20.0	19.6	
112 4-Chlorotoluene	91	10.047	10.047	0.000	98	190750	20.0	19.5	
113 Butyl Methacrylate	87	10.112	10.112	0.000	90	94209	20.0	21.9	
114 tert-Butylbenzene	119	10.269	10.269	0.000	92	126748	20.0	19.8	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	198972	20.0	21.1	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	190559	20.0	20.6	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	94	110941	20.0	19.4	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	97	164461	20.0	20.4	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	221520	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	95	112300	20.0	19.6	
121 Benzyl chloride	91	10.779	10.779	0.000	99	117691	20.0	20.3	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	95	232215	20.0	20.8	
123 p-Diethylbenzene	119	10.886	10.886	0.000	92	97230	20.0	20.5	
124 n-Butylbenzene	91	10.902	10.902	0.000	98	198869	20.0	22.0	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	119022	20.0	21.1	
126 1,2,4,5-Tetramethylbenzene	119	11.495	11.495	0.000	97	166086	20.0	20.8	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	92	11984	20.0	16.6	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	68931	20.0	20.9	
129 Camphor	95	12.112	12.112	0.000	92	36054	100.0	87.6	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	92	57553	20.0	19.4	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	90	21827	20.0	24.9	
132 Naphthalene	128	12.392	12.392	0.000	99	147289	20.0	18.9	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	92	40526	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 135 Xylenes, Total	100				0		40.0	41.2	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	2.00	Units: uL	
GAS Hi_00097	Amount Added:	2.00	Units: uL	
MIX I Hi_00039	Amount Added:	2.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

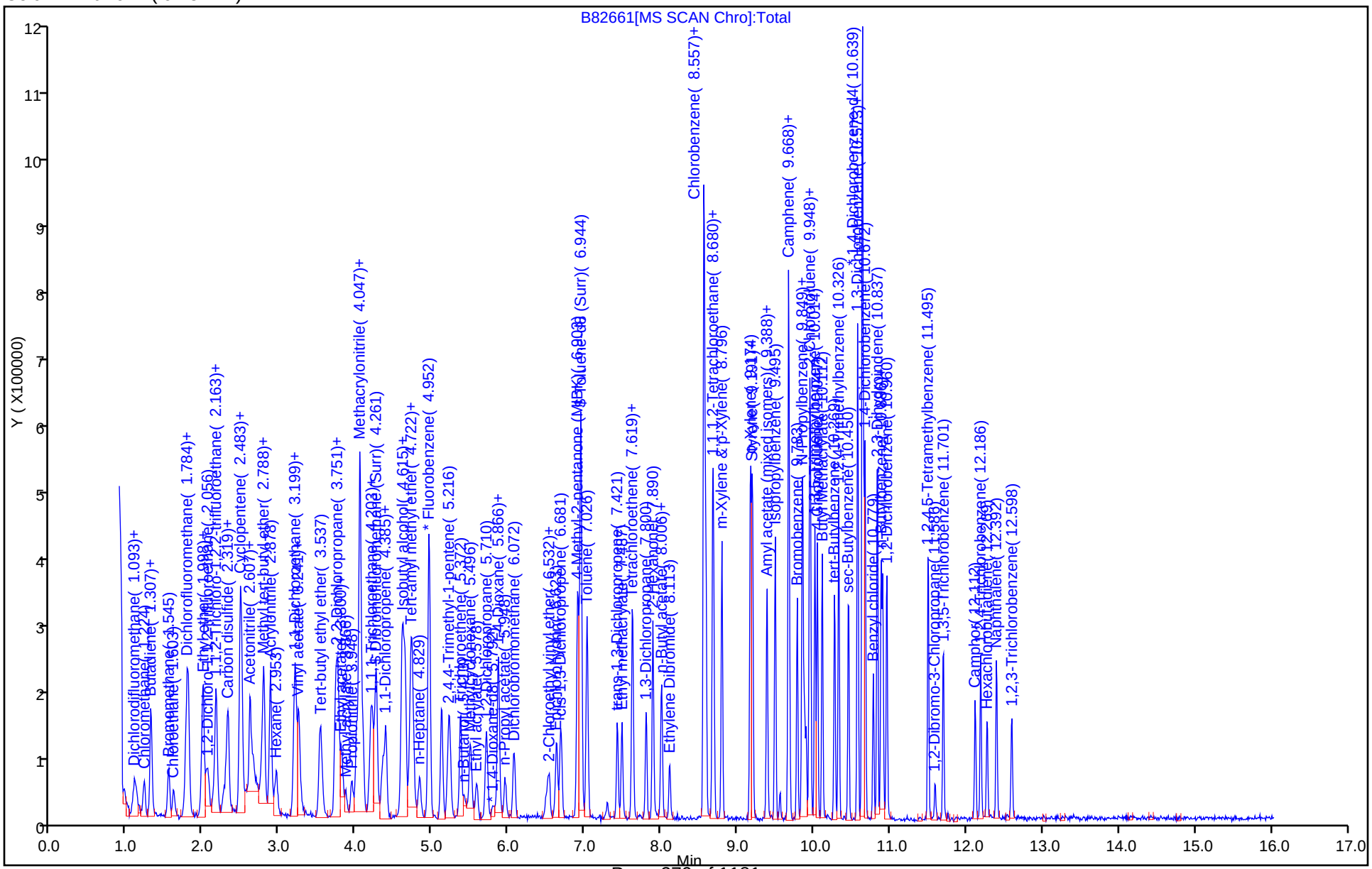
Report Date: 15-May-2015 15:01:36 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82661.D

Injection Date:	15-May-2015 02:52:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82662.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-May-2015 03:15:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0027416-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:40 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:37:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.008	87	26357	50.0	43.6	
2 Dichlorodifluoromethane	85	1.109	1.117	-0.008	98	177018	50.0	47.0	
3 Chloromethane	50	1.224	1.224	0.000	99	163610	50.0	50.2	
5 Butadiene	54	1.307	1.307	0.000	89	147766	50.0	47.6	
4 Vinyl chloride	62	1.307	1.315	-0.008	98	188831	50.0	51.7	
6 Bromomethane	94	1.537	1.545	-0.008	98	150954	50.0	51.8	
7 Chloroethane	64	1.603	1.603	0.000	99	96346	50.0	47.1	
10 Trichlorofluoromethane	101	1.767	1.767	0.000	59	202974	50.0	45.4	
9 Dichlorofluoromethane	67	1.776	1.784	-0.008	97	290465	50.0	51.0	
8 Pentane	72	1.792	1.800	-0.008	97	28355	100.0	81.8	
11 Ethyl ether	59	1.981	1.981	0.000	92	103055	50.0	48.9	
13 2-Methyl-1,3-butadiene	53	1.990	1.998	-0.008	96	112923	50.0	50.9	
12 Ethanol	46	1.990	2.006	-0.016	75	23129	2000.0	1902.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.047	2.047	0.000	85	101745	50.0	51.4	
15 Acrolein	56	2.138	2.146	-0.008	33	13656	100.0	107.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.162	2.154	0.008	47	100114	50.0	43.4	
17 1,1-Dichloroethene	96	2.162	2.163	0.000	97	118516	50.0	47.5	
18 Acetone	43	2.261	2.269	-0.008	86	161204	250.0	245.9	
19 Iodomethane	142	2.294	2.302	-0.008	98	223089	50.0	51.0	
20 Carbon disulfide	76	2.319	2.327	-0.008	99	475042	50.0	50.7	
21 Isopropyl alcohol	45	2.376	2.376	0.000	96	76090	500.0	563.8	
22 3-Chloro-1-propene	76	2.475	2.483	-0.008	39	67325	50.0	47.4	
23 Cyclopentene	67	2.483	2.483	0.000	88	352856	50.0	52.2	
24 Methyl acetate	43	2.500	2.500	0.000	99	575336	250.0	251.7	
25 Acetonitrile	41	2.549	2.558	-0.009	98	181226	500.0	527.1	
26 Methylene Chloride	84	2.607	2.607	0.000	91	149170	50.0	48.1	
* 27 TBA-d9 (IS)	65	2.632	2.632	0.000	93	265365	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.706	2.714	-0.008	91	156890	500.0	463.2	
29 Methyl tert-butyl ether	73	2.763	2.780	-0.017	95	427597	50.0	50.9	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	95	139203	50.0	46.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.878	2.878	0.000	96	490385	500.0	530.3	
32 Hexane	43	2.952	2.953	-0.001	91	52348	50.0	45.0	
34 Isopropyl ether	45	3.191	3.199	-0.008	97	455211	50.0	50.9	
33 1,1-Dichloroethane	63	3.199	3.199	0.000	84	259682	50.0	49.9	
36 Vinyl acetate	86	3.241	3.241	0.000	40	7932	100.0	84.1	
35 2-Chloro-1,3-butadiene	88	3.241	3.249	-0.008	92	128890	50.0	50.9	
37 Allyl alcohol	57	3.290	3.298	-0.008	54	50537	1250.0	1479.8	
38 Tert-butyl ethyl ether	59	3.529	3.537	-0.008	88	467487	50.0	52.0	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	89	116338	50.0	49.6	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	77	196086	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	98	158990	50.0	48.6	
41 2-Butanone (MEK)	72	3.792	3.792	0.000	97	65956	250.0	225.9	
42 Ethyl acetate	70	3.825	3.825	0.000	95	20113	100.0	82.8	
43 Methyl acrylate	55	3.866	3.866	0.000	99	108670	50.0	50.2	
44 Propionitrile	54	3.940	3.940	0.000	98	187657	500.0	517.8	
46 Tetrahydrofuran	72	3.998	3.998	0.000	68	33756	100.0	97.5	
45 Chlorobromomethane	128	4.006	4.014	-0.008	87	71171	50.0	50.3	
47 Methacrylonitrile	67	4.047	4.047	0.000	91	567181	500.0	522.8	
48 Chloroform	83	4.088	4.088	0.000	99	249598	50.0	48.8	
49 Cyclohexane	84	4.195	4.187	0.008	91	146962	50.0	44.1	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	98	211033	50.0	50.3	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	95	118015	50.0	53.0	
52 Carbon tetrachloride	117	4.343	4.352	-0.009	94	163941	50.0	49.8	
53 1,1-Dichloropropene	75	4.384	4.393	-0.009	96	163093	50.0	49.4	
54 Isooctane	57	4.598	4.599	0.000	95	191631	50.0	54.4	
55 Benzene	78	4.607	4.607	0.000	95	551778	50.0	49.3	
56 Isobutyl alcohol	43	4.623	4.631	-0.008	58	167354	1250.0	1344.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	88	149214	50.0	50.2	
58 Tert-amyl methyl ether	73	4.722	4.714	0.008	93	508532	50.0	51.7	
59 Isopropyl acetate	87	4.722	4.722	0.000	98	125608	50.0	50.4	
60 1,2-Dichloroethane	62	4.730	4.730	0.000	96	190692	50.0	45.4	
61 n-Heptane	57	4.829	4.837	-0.008	90	38204	50.0	47.0	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	441288	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.216	0.008	93	332339	100.0	87.8	
64 Trichloroethene	95	5.372	5.364	0.008	97	134613	50.0	49.2	
65 n-Butanol	56	5.413	5.421	-0.008	85	72483	1250.0	1117.2	
66 Methylcyclohexane	83	5.495	5.496	-0.001	94	122526	50.0	44.0	
67 Ethyl acrylate	55	5.578	5.578	0.000	99	165255	50.0	50.4	
68 1,2-Dichloropropane	63	5.709	5.710	-0.001	90	140749	50.0	49.3	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	87	29418	1000.0	1000.0	
70 Dibromomethane	93	5.858	5.858	0.000	95	81464	50.0	46.4	
72 Methyl methacrylate	100	5.866	5.866	0.000	92	61468	100.0	88.2	
71 1,4-Dioxane	88	5.866	5.866	0.000	32	30925	1000.0	968.1	
73 n-Propyl acetate	43	5.948	5.948	0.000	99	176497	50.0	48.6	
74 Dichlorobromomethane	83	6.072	6.072	0.000	99	190587	50.0	47.4	
75 2-Nitropropane	41	6.491	6.491	0.000	98	67103	100.0	91.4	
76 2-Chloroethyl vinyl ether	63	6.524	6.532	-0.008	93	83782	50.0	47.5	
77 Epichlorohydrin	57	6.623	6.623	0.000	99	248478	1000.0	1017.5	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	92	226142	50.0	50.8	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	97	689677	250.0	248.7	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	98	437042	50.0	50.3	
81 Toluene	91	7.026	7.026	0.000	94	537529	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	96	192307	50.0	51.2	
83 Ethyl methacrylate	69	7.487	7.487	0.000	87	187406	50.0	52.6	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	91	103930	50.0	46.8	
85 Tetrachloroethene	166	7.627	7.627	0.000	93	111399	50.0	48.1	
86 1,3-Dichloropropane	76	7.800	7.800	0.000	94	213402	50.0	48.0	
87 2-Hexanone	43	7.890	7.890	0.000	96	455405	250.0	263.6	
88 Chlorodibromomethane	129	7.997	7.997	0.000	97	129872	50.0	49.8	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	32576	50.0	48.0	
90 Ethylene Dibromide	107	8.113	8.113	0.000	97	116860	50.0	48.2	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	86	394872	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	94	355623	50.0	49.3	
93 Ethylbenzene	106	8.672	8.672	0.000	99	193716	50.0	47.2	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	93	127736	50.0	45.7	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	97	236903	50.0	50.0	
96 o-Xylene	106	9.166	9.166	0.000	94	248910	50.0	49.5	
97 n-Butyl acrylate	73	9.182	9.182	0.000	98	133724	50.0	50.1	
98 Styrene	104	9.199	9.199	0.000	95	418906	50.0	50.5	
99 Bromoform	173	9.380	9.380	0.000	94	78998	50.0	48.6	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	92	306628	50.0	52.1	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	527739	50.0	49.2	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	141507	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	94	25748	50.0	46.6	
104 Bromobenzene	156	9.783	9.783	0.000	96	151129	50.0	48.3	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	98	173668	50.0	49.5	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	635597	50.0	51.6	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	96	49064	50.0	47.4	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	77	46032	50.0	42.7	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	494925	50.0	51.0	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	536901	50.0	50.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	440957	50.0	48.1	
112 4-Chlorotoluene	91	10.046	10.047	-0.001	98	455531	50.0	47.1	
113 Butyl Methacrylate	87	10.112	10.112	0.000	90	220886	50.0	51.8	
114 tert-Butylbenzene	119	10.277	10.269	0.008	93	317009	50.0	50.1	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	484380	50.0	52.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	457280	50.0	49.9	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	86	279995	50.0	49.5	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	96	389239	50.0	48.7	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	219265	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.656	-0.001	93	278805	50.0	49.0	
121 Benzyl chloride	91	10.779	10.779	0.000	98	305666	50.0	53.3	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	94	550787	50.0	49.7	
123 p-Diethylbenzene	119	10.886	10.886	0.000	90	221725	50.0	47.1	
124 n-Butylbenzene	91	10.902	10.902	0.000	97	441772	50.0	49.5	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	95	273944	50.0	49.2	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	395781	50.0	50.0	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	94	33504	50.0	47.0	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	162875	50.0	49.8	
129 Camphor	95	12.112	12.112	0.000	92	98347	250.0	241.4	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	150688	50.0	51.2	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	95	59083	50.0	66.7	
132 Naphthalene	128	12.392	12.392	0.000	99	404591	50.0	52.5	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	108800	50.0	48.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	95.4	
S 135 Xylenes, Total	100				0		100.0	99.6	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	5.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	5.00	Units: uL	
GAS Hi_00097	Amount Added:	5.00	Units: uL	
MIX I Hi_00039	Amount Added:	5.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 15-May-2015 15:01:42 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82662.D

Injection Date: 15-May-2015 03:15:30 Instrument ID: CVOAMS2 Operator ID:

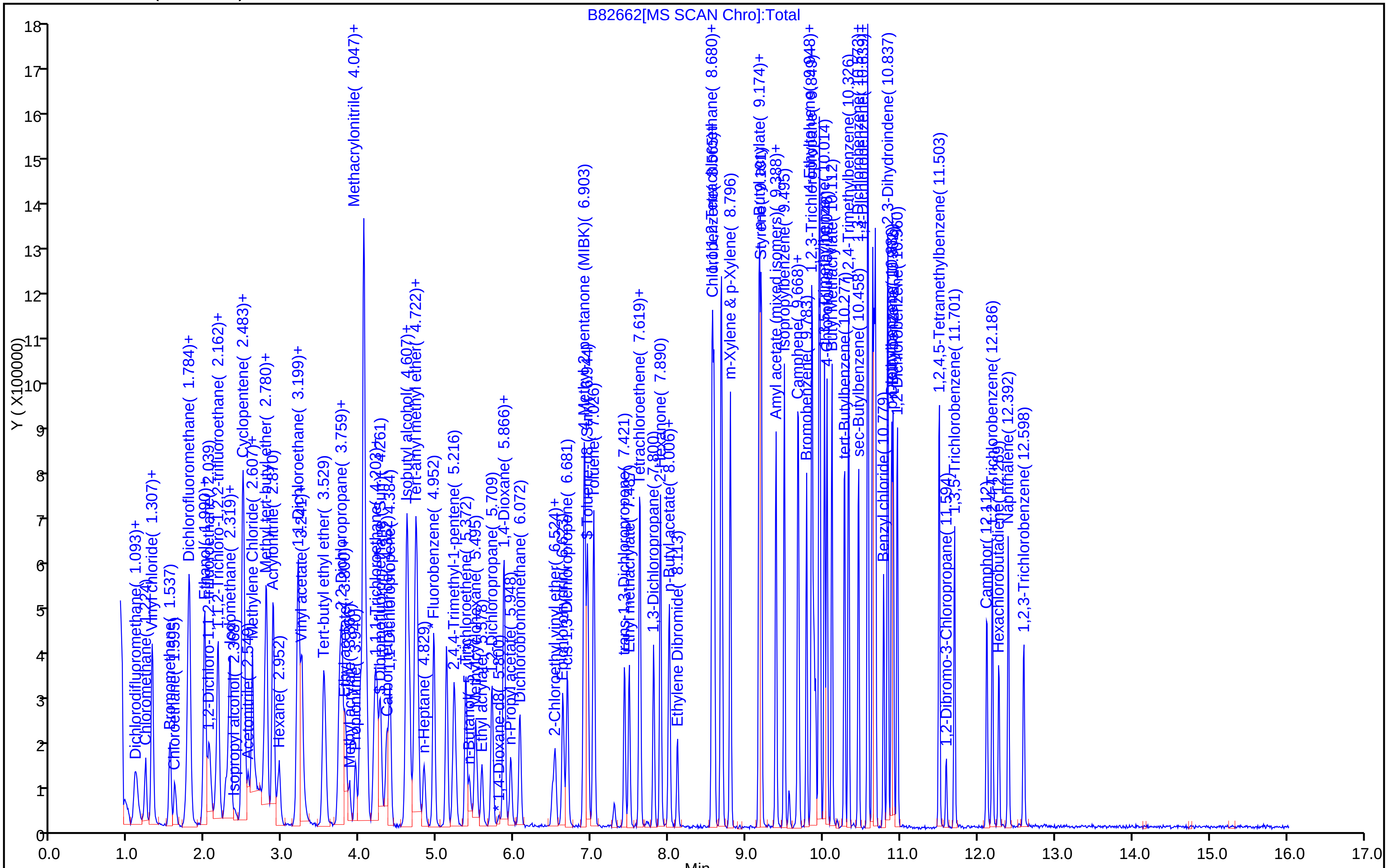
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82663.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 15-May-2015 03:39:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027416-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:46 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:36:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.092	1.101	-0.009	89	132186	200.0	199.9	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	99	824236	200.0	201.1	
3 Chloromethane	50	1.241	1.224	0.017	99	720926	200.0	202.4	
5 Butadiene	54	1.323	1.307	0.016	92	663178	200.0	195.1	
4 Vinyl chloride	62	1.323	1.315	0.008	97	810047	200.0	202.8	
6 Bromomethane	94	1.553	1.545	0.008	99	653413	200.0	204.9	
7 Chloroethane	64	1.611	1.603	0.008	100	441699	200.0	197.6	
10 Trichlorofluoromethane	101	1.784	1.767	0.017	66	930374	200.0	190.2	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	98	1220255	200.0	195.9	
8 Pentane	72	1.808	1.800	0.008	93	135744	400.0	358.0	
11 Ethyl ether	59	1.989	1.981	0.008	89	454636	200.0	197.3	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	499348	200.0	205.8	
12 Ethanol	46	1.981	2.006	-0.025	82	105728	8000.0	8076.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.047	0.008	85	456021	200.0	210.8	
15 Acrolein	56	2.154	2.146	0.008	28	26858	200.0	191.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.154	0.017	52	473154	200.0	187.5	
17 1,1-Dichloroethene	96	2.171	2.163	0.009	98	552229	200.0	202.4	
18 Acetone	43	2.269	2.269	0.000	86	721475	1000.0	928.2	
19 Iodomethane	142	2.310	2.302	0.008	98	958293	200.0	200.5	
20 Carbon disulfide	76	2.327	2.327	0.000	99	2122281	200.0	207.2	
21 Isopropyl alcohol	45	2.385	2.376	0.008	62	341279	2000.0	2267.2	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	46	300637	200.0	193.5	
23 Cyclopentene	67	2.491	2.483	0.008	93	1547083	200.0	209.5	
24 Methyl acetate	43	2.508	2.500	0.008	98	2608395	1000.0	1043.5	
25 Acetonitrile	41	2.557	2.558	-0.001	98	779023	2000.0	2072.0	
26 Methylene Chloride	84	2.615	2.607	0.008	92	640261	200.0	188.8	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	86	295971	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.722	2.714	0.008	88	699163	2000.0	1850.8	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	96	1840952	200.0	200.5	
30 trans-1,2-Dichloroethene	96	2.796	2.788	0.008	97	618018	200.0	189.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.878	0.009	95	2215675	2000.0	2190.8	
32 Hexane	43	2.961	2.953	0.008	92	231027	200.0	181.7	
34 Isopropyl ether	45	3.199	3.199	0.000	98	1960571	200.0	200.5	
33 1,1-Dichloroethane	63	3.207	3.199	0.008	98	1168272	200.0	205.2	
36 Vinyl acetate	86	3.240	3.241	-0.001	75	42817	400.0	406.0	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	574000	200.0	207.3	
37 Allyl alcohol	57	3.290	3.298	-0.008	30	208751	5000.0	4937.6	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	87	1989529	200.0	202.2	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	96	489651	200.0	199.8	
* 158 2-Butanone-d5	46	3.751	3.743	0.008	94	232525	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.775	3.767	0.008	98	698190	200.0	195.1	
41 2-Butanone (MEK)	72	3.808	3.792	0.016	98	335023	1000.0	967.5	
42 Ethyl acetate	70	3.825	3.825	0.000	96	106592	400.0	369.9	
43 Methyl acrylate	55	3.866	3.866	0.000	99	513200	200.0	216.9	
44 Propionitrile	54	3.948	3.940	0.008	97	844214	2000.0	2088.5	
46 Tetrahydrofuran	72	4.006	3.998	0.008	72	156858	400.0	381.9	
45 Chlorobromomethane	128	4.014	4.014	0.000	87	317726	200.0	205.1	
47 Methacrylonitrile	67	4.055	4.047	0.008	91	2572753	2000.0	2168.5	
48 Chloroform	83	4.096	4.088	0.008	99	1111157	200.0	198.8	
49 Cyclohexane	84	4.195	4.187	0.008	89	720439	200.0	197.8	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	99	940605	200.0	205.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	96	126949	50.0	52.1	
52 Carbon tetrachloride	117	4.360	4.352	0.008	97	754325	200.0	209.6	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	96	758590	200.0	210.0	
54 Isooctane	57	4.607	4.599	0.009	97	774947	200.0	197.7	
55 Benzene	78	4.615	4.607	0.008	96	2494419	200.0	204.2	
56 Isobutyl alcohol	43	4.631	4.631	0.000	96	732190	5000.0	5273.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	93	160737	50.0	49.4	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	93	2239543	200.0	208.2	
59 Isopropyl acetate	87	4.738	4.722	0.016	98	581556	200.0	213.3	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	98	898561	200.0	195.5	
61 n-Heptane	57	4.837	4.837	0.000	88	153913	200.0	173.1	
* 62 Fluorobenzene	96	4.960	4.961	-0.001	99	482590	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.216	0.008	94	1586992	400.0	383.4	
64 Trichloroethene	95	5.372	5.364	0.008	97	640855	200.0	214.1	
65 n-Butanol	56	5.421	5.421	0.000	87	379733	5000.0	5056.9	
66 Methylcyclohexane	83	5.504	5.496	0.008	95	564547	200.0	185.5	
67 Ethyl acrylate	55	5.578	5.578	0.000	98	796453	200.0	222.0	
68 1,2-Dichloropropane	63	5.718	5.710	0.008	90	647822	200.0	207.5	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	92	29483	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	97	380579	200.0	198.2	
72 Methyl methacrylate	100	5.874	5.866	0.008	93	310745	400.0	404.8	
71 1,4-Dioxane	88	5.866	5.866	0.000	33	136051	4000.0	4249.6	
73 n-Propyl acetate	43	5.956	5.948	0.008	98	849803	200.0	214.1	
74 Dichlorobromomethane	83	6.071	6.072	-0.001	99	880870	200.0	200.1	
75 2-Nitropropane	41	6.491	6.491	0.000	93	315118	400.0	392.6	
76 2-Chloroethyl vinyl ether	63	6.524	6.532	-0.008	93	409295	200.0	212.1	
77 Epichlorohydrin	57	6.631	6.623	0.008	99	1168517	4000.0	4035.2	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	93	995690	200.0	204.8	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	96	3171493	1000.0	964.6	
$ 80 Toluene-d8 (Surr)	98	6.952	6.944	0.008	95	471887	50.0	49.8	
81 Toluene	91	7.034	7.026	0.008	94	2452919	200.0	199.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.429	7.421	0.008	98	888220	200.0	216.6	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	857907	200.0	220.5	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	95	497128	200.0	205.1	
85 Tetrachloroethene	166	7.627	7.627	0.000	96	509553	200.0	201.3	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	95	952549	200.0	196.4	
87 2-Hexanone	43	7.890	7.890	0.000	95	2137391	1000.0	1043.3	
88 Chlorodibromomethane	129	7.997	7.997	0.000	98	591219	200.0	207.5	
89 n-Butyl acetate	73	8.005	8.014	-0.009	99	155838	200.0	210.4	
90 Ethylene Dibromide	107	8.112	8.113	-0.001	98	535673	200.0	202.1	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	88	431203	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	92	1573378	200.0	199.8	
93 Ethylbenzene	106	8.680	8.672	0.008	98	878904	200.0	195.9	
94 1,1,1,2-Tetrachloroethane	131	8.688	8.689	-0.001	94	598950	200.0	196.4	
95 m-Xylene & p-Xylene	106	8.795	8.796	-0.001	97	1060471	200.0	205.1	
96 o-Xylene	106	9.166	9.166	0.000	94	1133652	200.0	206.6	
97 n-Butyl acrylate	73	9.182	9.182	0.000	97	607806	200.0	208.7	
98 Styrene	104	9.199	9.199	0.000	94	1897548	200.0	209.4	
99 Bromoform	173	9.380	9.380	0.000	93	383864	200.0	216.1	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	1402164	200.0	214.1	
101 Isopropylbenzene	105	9.495	9.495	0.000	97	2343749	200.0	200.2	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	80	145839	50.0	47.8	
103 Camphene	41	9.676	9.676	0.000	94	125316	200.0	200.9	
104 Bromobenzene	156	9.783	9.783	0.000	96	672889	200.0	193.1	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	98	781921	200.0	200.1	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	2691212	200.0	196.1	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	213706	200.0	185.6	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	83	237529	200.0	197.8	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	2116158	200.0	195.9	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	2262517	200.0	192.2	
111 1,3,5-Trimethylbenzene	105	10.013	10.014	-0.001	93	1916547	200.0	187.8	
112 4-Chlorotoluene	91	10.046	10.047	-0.001	98	1993598	200.0	185.1	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	1009450	200.0	212.7	
114 tert-Butylbenzene	119	10.277	10.269	0.008	92	1410742	200.0	200.3	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	2075559	200.0	200.1	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	1939985	200.0	190.2	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	90	1207934	200.0	191.7	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	97	1681541	200.0	189.1	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	244102	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.656	-0.001	93	1219617	200.0	192.7	
121 Benzyl chloride	91	10.779	10.779	0.000	98	1365197	200.0	213.9	
122 2,3-Dihydroindene	117	10.836	10.837	-0.001	95	2362259	200.0	191.6	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	958867	200.0	183.1	
124 n-Butylbenzene	91	10.902	10.902	0.000	96	1786621	200.0	179.7	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	1210876	200.0	195.2	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	97	1674765	200.0	190.1	
127 1,2-Dibromo-3-Chloropropan	75	11.585	11.594	-0.009	94	161160	200.0	203.1	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	663729	200.0	182.2	
129 Camphor	95	12.112	12.112	0.000	93	493720	1000.0	1088.8	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	631578	200.0	192.7	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	92	203177	200.0	193.7	
132 Naphthalene	128	12.392	12.392	0.000	99	1755303	200.0	204.6	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	458883	200.0	183.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	385.0	
S 135 Xylenes, Total	100				0		400.0	411.6	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	20.00	Units: uL	
GAS Hi_00097	Amount Added:	20.00	Units: uL	
MIX I Hi_00039	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

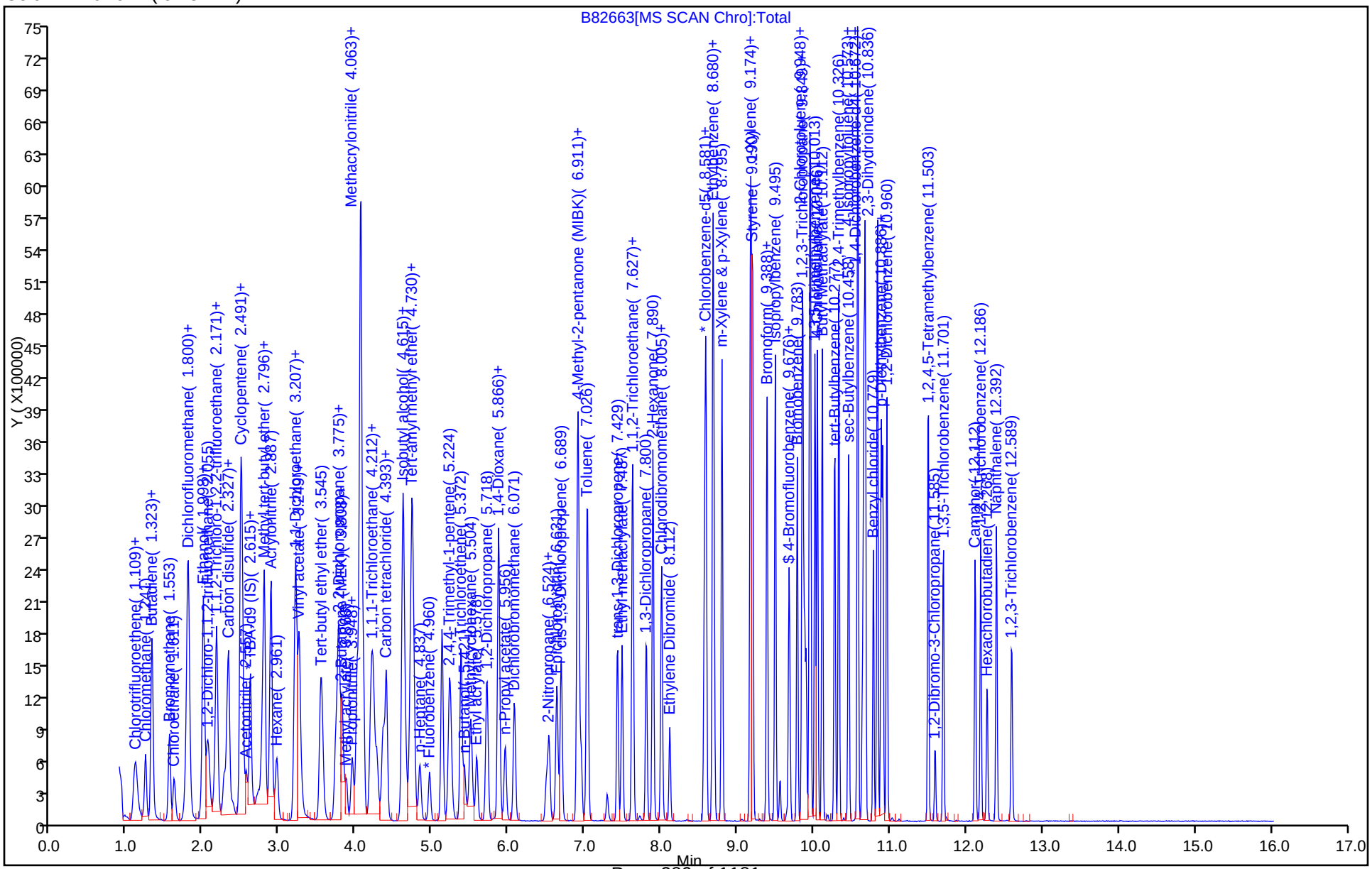
Report Date: 15-May-2015 15:01:47 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82663.D

Injection Date:	15-May-2015 03:39:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82664.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-May-2015 04:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027416-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:50 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:04:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.101	0.000	89	337035	500.0	448.0	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	99	2308208	500.0	499.9	
3 Chloromethane	50	1.241	1.224	0.017	99	1851662	500.0	457.0	
5 Butadiene	54	1.323	1.307	0.016	91	1805811	500.0	467.1	
4 Vinyl chloride	62	1.323	1.315	0.008	97	2169353	500.0	477.5	
6 Bromomethane	94	1.554	1.545	0.009	98	1674608	500.0	461.6	
7 Chloroethane	64	1.619	1.603	0.016	100	1157964	500.0	455.2	
10 Trichlorofluoromethane	101	1.792	1.767	0.025	67	2583536	500.0	464.2	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	98	3176521	500.0	448.2	
8 Pentane	72	1.800	1.800	0.000	94	388889	1000.0	901.6	
11 Ethyl ether	59	1.990	1.981	0.009	94	1232835	500.0	470.2	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	96	1379095	500.0	499.5	
12 Ethanol	46	1.990	2.006	-0.016	71	269809	20000	19987	
14 1,2-Dichloro-1,1,2-trifluo	117	2.064	2.047	0.017	94	1212138	500.0	492.4	
15 Acrolein	56	2.154	2.146	0.008	31	61462	400.0	401.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.163	2.154	0.009	96	1318118	500.0	459.1	
17 1,1-Dichloroethene	96	2.171	2.163	0.009	99	1458335	500.0	469.8	
18 Acetone	43	2.270	2.269	0.001	87	1966153	2500.0	2346.9	
19 Iodomethane	142	2.311	2.302	0.009	98	2533125	500.0	465.8	
20 Carbon disulfide	76	2.327	2.327	0.000	99	5367455	500.0	460.7	
21 Isopropyl alcohol	45	2.393	2.376	0.017	99	836242	5000.0	5013.4	
22 3-Chloro-1-propene	76	2.484	2.483	0.001	50	679024	500.0	384.1	
23 Cyclopentene	67	2.492	2.483	0.009	93	4109788	500.0	489.1	
24 Methyl acetate	43	2.508	2.500	0.008	97	6659172	2500.0	2341.5	
25 Acetonitrile	41	2.566	2.558	0.008	98	1953168	5000.0	4566.1	
26 Methylene Chloride	84	2.615	2.607	0.008	92	1709095	500.0	443.0	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	60	327973	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.722	2.714	0.008	97	1890689	5000.0	4516.6	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	96	4727894	500.0	452.5	
30 trans-1,2-Dichloroethene	96	2.796	2.788	0.008	95	1643800	500.0	444.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.878	0.009	93	5669766	5000.0	4927.5	
32 Hexane	43	2.961	2.953	0.008	93	659105	500.0	455.7	
34 Isopropyl ether	45	3.208	3.199	0.009	97	4875034	500.0	438.2	
33 1,1-Dichloroethane	63	3.208	3.199	0.009	99	2994550	500.0	462.4	
36 Vinyl acetate	86	3.249	3.241	0.008	99	124833	1000.0	999.3	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	1541023	500.0	489.3	
37 Allyl alcohol	57	3.306	3.298	0.008	94	712916	12500	12506	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	89	4970644	500.0	444.1	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	96	1262108	500.0	500.0	
* 158 2-Butanone-d5	46	3.751	3.743	0.008	35	250634	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.776	3.767	0.009	98	1793156	500.0	440.5	
41 2-Butanone (MEK)	72	3.808	3.792	0.016	99	932438	2500.0	2498.3	
42 Ethyl acetate	70	3.833	3.825	0.008	99	324810	1000.0	1045.7	
43 Methyl acrylate	55	3.874	3.866	0.008	99	1414115	500.0	525.4	
44 Propionitrile	54	3.957	3.940	0.017	98	2266049	5000.0	5058.9	
46 Tetrahydrofuran	72	4.006	3.998	0.008	84	445767	1000.0	1006.9	
45 Chlorobromomethane	128	4.022	4.014	0.008	87	842976	500.0	478.4	
47 Methacrylonitrile	67	4.072	4.047	0.025	86	6813292	5000.0	5047.7	
48 Chloroform	83	4.097	4.088	0.009	99	2971561	500.0	467.2	
49 Cyclohexane	84	4.195	4.187	0.008	90	1930115	500.0	465.8	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	99	2516833	500.0	482.2	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	92	135285	50.0	48.8	
52 Carbon tetrachloride	117	4.360	4.352	0.008	98	2031668	500.0	496.2	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	96	2055720	500.0	500.3	
54 Isooctane	57	4.615	4.599	0.017	98	2312298	500.0	500.3	
55 Benzene	78	4.615	4.607	0.008	97	6359685	500.0	475.2	
56 Isobutyl alcohol	43	4.640	4.631	0.009	97	2062480	12500	13406	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.640	0.016	44	191000	50.0	51.6	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	93	5744805	500.0	469.4	
59 Isopropyl acetate	87	4.730	4.722	0.008	98	1575293	500.0	507.8	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	98	2438408	500.0	466.4	
61 n-Heptane	57	4.837	4.837	0.000	87	448642	500.0	443.6	
* 62 Fluorobenzene	96	4.969	4.961	0.008	98	549046	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.232	5.216	0.016	96	4397385	1000.0	933.7	
64 Trichloroethene	95	5.380	5.364	0.016	98	1696008	500.0	498.1	
65 n-Butanol	56	5.422	5.421	0.001	86	1110923	12500	12493	
66 Methylcyclohexane	83	5.504	5.496	0.008	94	1558715	500.0	450.2	
67 Ethyl acrylate	55	5.586	5.578	0.008	99	2169140	500.0	531.5	
68 1,2-Dichloropropane	63	5.718	5.710	0.008	91	1774697	500.0	499.6	
* 69 1,4-Dioxane-d8	96	5.866	5.800	0.066	1	37477	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	93	1064637	500.0	487.4	
72 Methyl methacrylate	100	5.874	5.866	0.008	87	885462	1000.0	999.4	
71 1,4-Dioxane	88	5.874	5.866	0.008	31	360901	10000	8868.4	
73 n-Propyl acetate	43	5.956	5.948	0.008	98	2357229	500.0	521.9	
74 Dichlorobromomethane	83	6.080	6.072	0.008	99	2430450	500.0	485.4	
75 2-Nitropropane	41	6.500	6.491	0.009	98	947743	1000.0	1038.0	
76 2-Chloroethyl vinyl ether	63	6.533	6.532	0.001	97	1125273	500.0	512.5	
77 Epichlorohydrin	57	6.640	6.623	0.017	99	3250836	10000	10415	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	92	2775759	500.0	521.3	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	93	7971454	2500.0	2249.4	
$ 80 Toluene-d8 (Surr)	98	6.952	6.944	0.008	90	523178	50.0	50.4	
81 Toluene	91	7.035	7.026	0.009	96	6327881	500.0	470.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.430	7.421	0.009	98	2440407	500.0	543.3	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	2356190	500.0	552.9	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	94	1356622	500.0	511.0	
85 Tetrachloroethene	166	7.627	7.627	0.000	98	1454320	500.0	524.5	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	95	2629850	500.0	495.0	
87 2-Hexanone	43	7.890	7.890	0.000	92	5460258	2500.0	2472.7	
88 Chlorodibromomethane	129	8.006	7.997	0.009	98	1629322	500.0	522.0	
89 n-Butyl acetate	73	8.006	8.014	-0.008	99	429328	500.0	529.3	
90 Ethylene Dibromide	107	8.113	8.113	0.000	99	1461127	500.0	503.4	
* 91 Chlorobenzene-d5	117	8.565	8.557	0.008	85	472278	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	90	4206249	500.0	487.6	
93 Ethylbenzene	106	8.680	8.672	0.008	97	2415248	500.0	491.6	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	94	1634716	500.0	489.4	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	95	2816063	500.0	497.2	
96 o-Xylene	106	9.174	9.166	0.008	96	2971356	500.0	494.3	
97 n-Butyl acrylate	73	9.182	9.182	0.000	99	1684615	500.0	528.1	
98 Styrene	104	9.199	9.199	0.000	90	4864397	500.0	490.0	
99 Bromoform	173	9.380	9.380	0.000	94	1107664	500.0	569.5	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	93	3552413	500.0	515.4	
101 Isopropylbenzene	105	9.495	9.495	0.000	98	5671607	500.0	442.3	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	85	169110	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	96	362934	500.0	499.9	
104 Bromobenzene	156	9.783	9.783	0.000	97	1825747	500.0	497.7	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.841	0.008	99	2158662	500.0	524.9	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	6193477	500.0	428.7	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	592060	500.0	488.5	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	79	636392	500.0	503.4	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	5289167	500.0	465.1	
110 4-Ethyltoluene	105	9.956	9.956	0.000	96	5511903	500.0	444.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	94	4790895	500.0	446.0	
112 4-Chlorotoluene	91	10.047	10.047	0.000	97	4949740	500.0	436.6	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	2675084	500.0	535.5	
114 tert-Butylbenzene	119	10.277	10.269	0.008	91	3720471	500.0	501.8	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	97	5055957	500.0	463.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	96	4864831	500.0	453.1	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	91	3126876	500.0	471.5	
118 4-Isopropyltoluene	119	10.582	10.573	0.009	94	4355828	500.0	465.3	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	95	256941	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	91	3155210	500.0	473.6	
121 Benzyl chloride	91	10.779	10.779	0.000	98	3457892	500.0	514.8	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	96	5480421	500.0	422.2	
123 p-Diethylbenzene	119	10.886	10.886	0.000	92	2601807	500.0	471.9	
124 n-Butylbenzene	91	10.902	10.902	0.000	99	4724075	500.0	451.5	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	93	3165064	500.0	484.7	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	4161391	500.0	448.7	
127 1,2-Dibromo-3-Chloropropan	75	11.586	11.594	-0.008	95	431976	500.0	517.1	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	97	1778866	500.0	464.0	
129 Camphor	95	12.112	12.112	0.000	93	1475941	2500.0	3092.2	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	1713616	500.0	496.8	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	96	633136	500.0	500.7	
132 Naphthalene	128	12.392	12.392	0.000	98	4438257	500.0	491.6	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	94	1268418	500.0	480.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	884.5	
S 135 Xylenes, Total	100				0		1000.0	991.5	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	50.00	Units: uL	
GAS Hi_00097	Amount Added:	50.00	Units: uL	
MIX I Hi_00039	Amount Added:	50.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

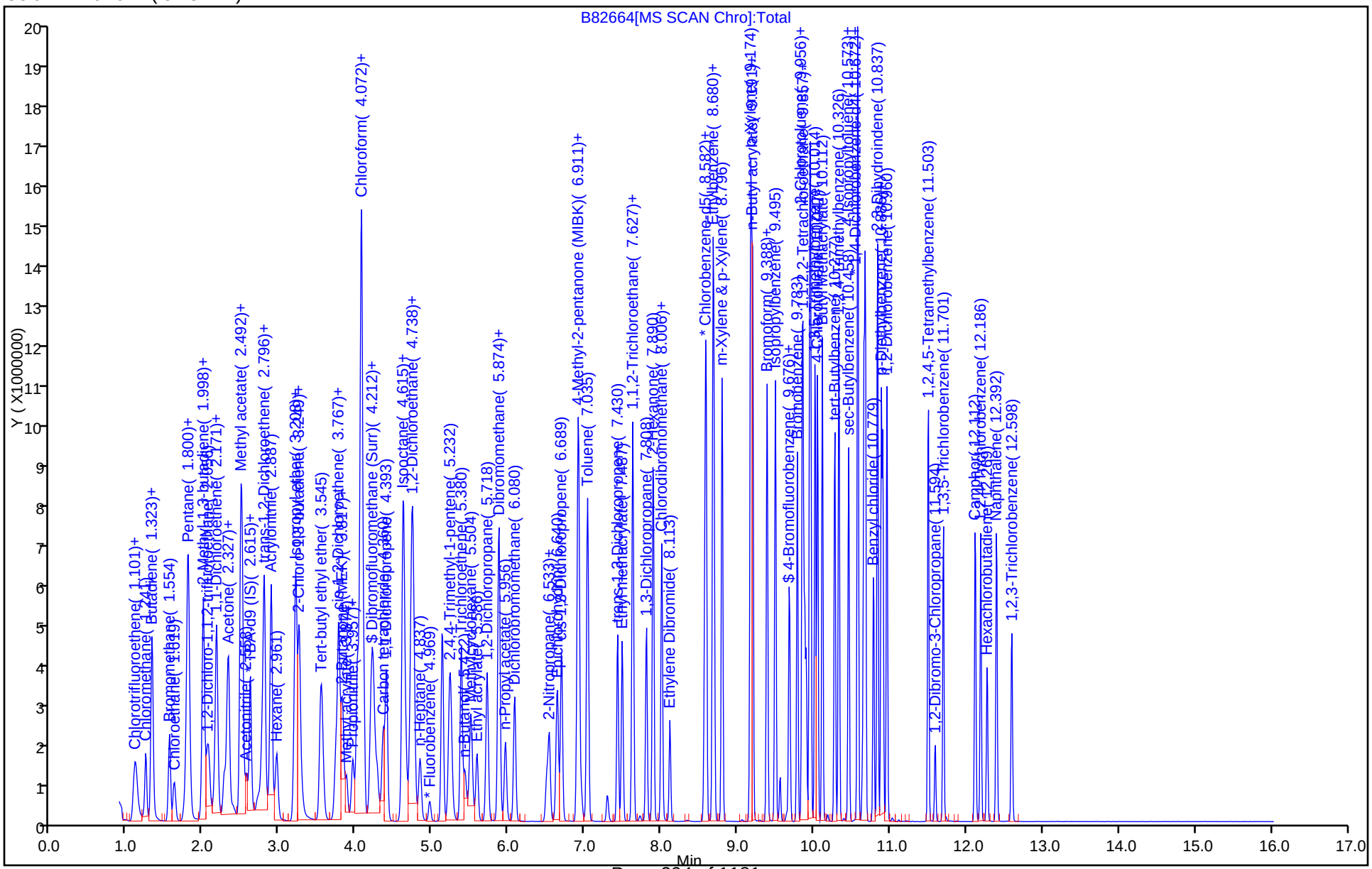
Report Date: 15-May-2015 15:01:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82664.D

Injection Date:	15-May-2015 04:03:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82667.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 15-May-2015 05:15:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0027416-011
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:54 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 15-May-2015 15:01:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.648	2.632	0.016	86	303301	1000.0	1000.0	
31 Acrylonitrile	53	2.887	2.878	0.009	22	1933	2.00	1.88	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	96	215464	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	93	119355	50.0	48.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	96	159344	50.0	48.3	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	490139	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.792	5.800	-0.008	93	29361	1000.0	1000.0	
77 Epichlorohydrin	57	6.631	6.623	0.008	3	887	5.00	3.31	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	457693	50.0	49.8	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	87	418375	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	147953	50.0	50.0	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	230911	50.0	50.0	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACRY/EPIH MIX_00010	Amount Added:	2.00	Units: uL	
GAS Hi_00097	Amount Added:	0.00	Units: uL	
MIX I Hi_00039	Amount Added:	0.00	Units: uL	
ACROLEIN W_00037	Amount Added:	0.00	Units: uL	
	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	0.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

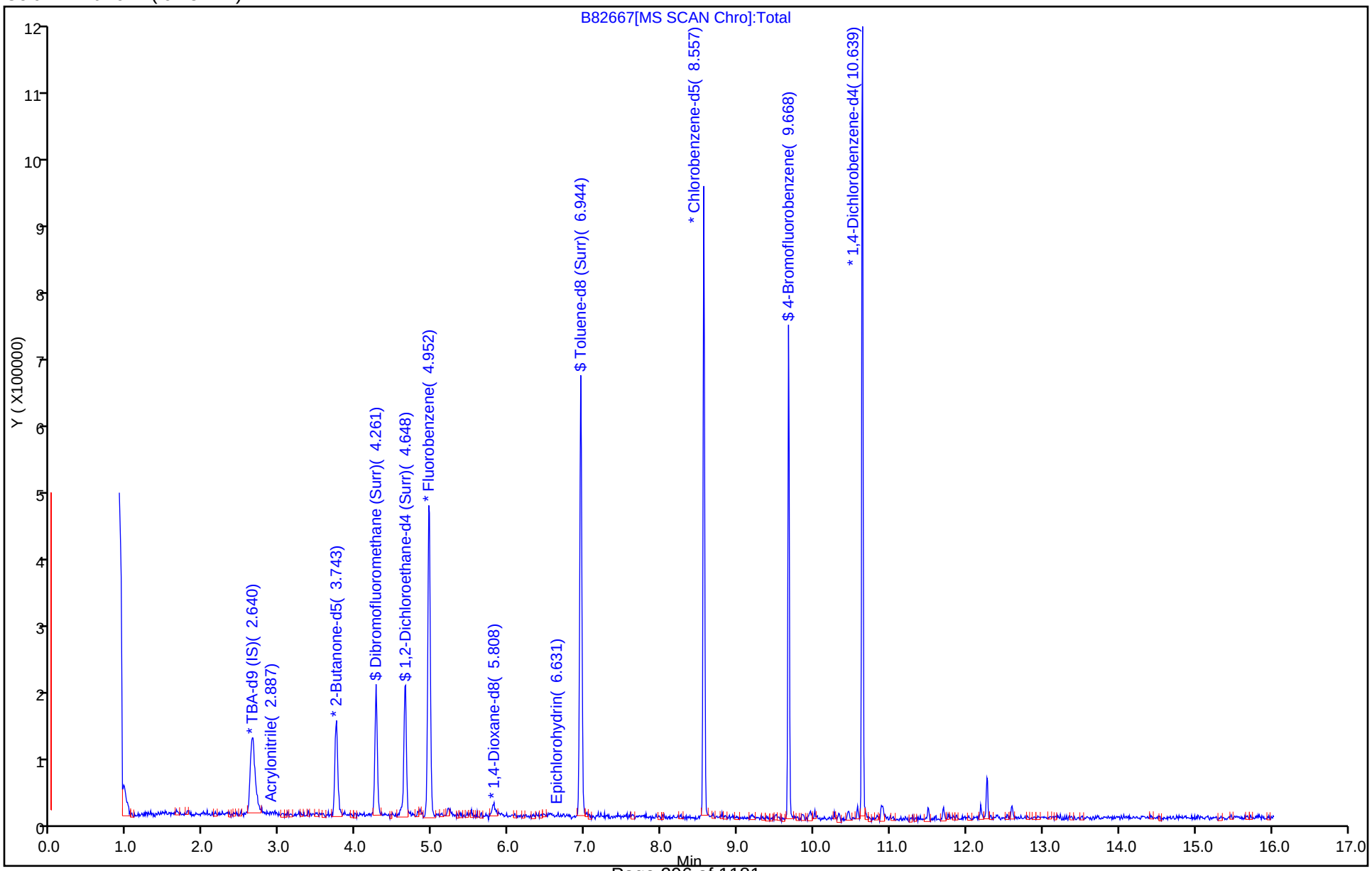
Report Date: 15-May-2015 15:01:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82667.D

Injection Date:	15-May-2015 05:15:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-May-2015 07:25:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0027390-016
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:02:08 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:44:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	27	2295	1.00	0.5796	
3 Chloromethane	50	1.241	1.224	0.017	60	3184	1.00	0.9317	
5 Butadiene	54	1.315	1.307	0.008	65	3429	1.00	1.05	
4 Vinyl chloride	62	1.323	1.315	0.008	48	3837	1.00	1.00	
6 Bromomethane	94	1.545	1.545	0.000	63	2833	1.00	0.9260	
7 Chloroethane	64	1.611	1.603	0.008	20	2317	1.00	1.08	
10 Trichlorofluoromethane	101	1.792	1.767	0.025	47	5637	1.00	1.20	
9 Dichlorofluoromethane	67	1.776	1.784	-0.008	89	6072	1.00	1.02	M
8 Pentane	72	1.825	1.800	0.025	38	740	2.00	2.03	
11 Ethyl ether	59	1.981	1.981	0.000	1	2055	1.00	0.9292	M
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	32	1732	1.00	0.7439	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.047	0.008	1	1451	1.00	0.6989	
15 Acrolein	56	2.154	2.146	0.008	1	80	4.00	0.6184	M
16 1,1,2-Trichloro-1,2,2-trif	101	2.179	2.154	0.025	9	2350	1.00	0.9705	M
17 1,1-Dichloroethene	96	2.179	2.163	0.017	19	2162	1.00	0.8258	
18 Acetone	43	2.278	2.269	0.009	52	3532	5.00	5.29	M
19 Iodomethane	142	2.311	2.302	0.009	55	4228	1.00	0.9218	
20 Carbon disulfide	76	2.327	2.327	0.000	90	8590	1.00	0.8742	
21 Isopropyl alcohol	45	2.376	2.376	0.000	1	1240	10.0	9.09	
22 3-Chloro-1-propene	76	2.475	2.483	-0.008	17	1460	1.00	0.9792	
23 Cyclopentene	67	2.483	2.483	0.000	23	5238	1.00	0.7390	
24 Methyl acetate	43	2.516	2.500	0.016	98	11132	5.00	4.64	
25 Acetonitrile	41	2.566	2.558	0.008	1	3002	10.0	8.32	
26 Methylene Chloride	84	2.607	2.607	0.000	23	3374	1.00	1.04	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	86	268231	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.689	2.714	-0.025	50	4612	10.0	13.5	
29 Methyl tert-butyl ether	73	2.788	2.780	0.008	58	7998	1.00	0.9077	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	35	3702	1.00	1.19	
31 Acrylonitrile	53	2.887	2.878	0.009	90	8216	10.0	8.47	
32 Hexane	43	2.969	2.953	0.016	37	1615	1.00	1.32	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Isopropyl ether	45	3.208	3.199	0.009	57	9488	1.00	1.01	
33 1,1-Dichloroethane	63	3.224	3.199	0.025	13	5079	1.00	0.9298	
36 Vinyl acetate	86	3.257	3.241	0.016	81	344	2.00	3.50	
35 2-Chloro-1,3-butadiene	88	3.265	3.249	0.016	41	2222	1.00	0.8365	
38 Tert-butyl ethyl ether	59	3.553	3.537	0.016	55	8506	1.00	0.9010	M
39 2,2-Dichloropropane	41	3.743	3.718	0.025	47	4567	1.00	1.83	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	98	199893	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	30	4236	1.00	1.23	
41 2-Butanone (MEK)	72	3.800	3.792	0.008	62	1460	5.00	4.90	
43 Methyl acrylate	55	3.874	3.866	0.008	16	2282	1.00	1.01	
44 Propionitrile	54	3.948	3.940	0.008	12	2552	10.0	6.97	
46 Tetrahydrofuran	72	3.998	3.998	0.000	11	587	2.00	1.66	
45 Chlorobromomethane	128	4.031	4.014	0.017	21	1458	1.00	0.9811	M
47 Methacrylonitrile	67	4.055	4.047	0.008	88	9690	10.0	8.51	
48 Chloroform	83	4.096	4.088	0.008	45	5987	1.00	1.12	
49 Cyclohexane	84	4.187	4.187	0.000	36	3151	1.00	0.9016	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	1	3867	1.00	0.8784	M
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	95	115309	50.0	49.3	
52 Carbon tetrachloride	117	4.352	4.352	0.000	52	3016	1.00	0.8733	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	1	2952	1.00	0.8518	M
54 Isooctane	57	4.607	4.599	0.009	70	6301	1.00	1.71	
55 Benzene	78	4.607	4.607	0.000	70	11671	1.00	0.9720	
56 Isobutyl alcohol	43	4.615	4.631	-0.016	24	2226	25.0	17.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	96	163458	50.0	52.4	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	76	9070	1.00	0.8787	
59 Isopropyl acetate	87	4.730	4.722	0.008	55	2193	1.00	0.8382	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	34	4686	1.00	1.06	
61 n-Heptane	57	4.829	4.837	-0.008	48	970	1.00	1.14	
* 62 Fluorobenzene	96	4.961	4.961	0.000	99	463067	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	72	8646	2.00	2.18	
64 Trichloroethene	95	5.372	5.364	0.008	47	2420	1.00	0.8427	
65 n-Butanol	56	5.446	5.421	0.025	1	474	25.0	7.31	
66 Methylcyclohexane	83	5.504	5.496	0.008	41	3116	1.00	1.07	
67 Ethyl acrylate	55	5.578	5.578	0.000	1	3594	1.00	1.04	
68 1,2-Dichloropropane	63	5.701	5.710	-0.009	44	2516	1.00	0.8397	
* 69 1,4-Dioxane-d8	96	5.792	5.800	-0.008	91	27559	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	35	1930	1.00	1.05	
72 Methyl methacrylate	100	5.891	5.866	0.025	1	2366	2.00	3.24	M
71 1,4-Dioxane	88	5.874	5.866	0.008	2	1161	50.0	38.8	
73 n-Propyl acetate	43	5.956	5.948	0.008	57	4076	1.00	1.07	
74 Dichlorobromomethane	83	6.072	6.072	0.000	64	4571	1.00	1.08	
75 2-Nitropropane	41	6.500	6.491	0.009	46	1915	2.00	2.49	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	33	1701	1.00	0.9185	
77 Epichlorohydrin	57	6.639	6.623	0.016	51	5534	20.0	22.2	
78 cis-1,3-Dichloropropene	75	6.681	6.689	-0.008	6	4088	1.00	0.8557	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	79	15408	5.00	5.45	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	462442	50.0	49.6	
81 Toluene	91	7.026	7.026	0.000	65	12398	1.00	1.03	
82 trans-1,3-Dichloropropene	75	7.429	7.421	0.008	23	3306	1.00	0.8204	
83 Ethyl methacrylate	69	7.495	7.487	0.008	5	2890	1.00	0.7558	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	83	2517	1.00	1.06	
85 Tetrachloroethene	166	7.619	7.627	-0.008	78	2191	1.00	0.8808	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	7.808	7.800	0.008	85	5090	1.00	1.07	
87 2-Hexanone	43	7.890	7.890	0.000	75	6912	5.00	3.92	
88 Chlorodibromomethane	129	7.997	7.997	0.000	58	2659	1.00	0.9496	
89 n-Butyl acetate	73	8.006	8.014	-0.008	55	841	1.00	1.16	
90 Ethylene Dibromide	107	8.104	8.113	-0.009	32	2262	1.00	0.8686	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	86	423732	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	37	7032	1.00	0.9086	
93 Ethylbenzene	106	8.680	8.672	0.008	98	4507	1.00	1.02	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.689	0.008	37	3540	1.00	1.18	
95 m-Xylene & p-Xylene	106	8.787	8.796	-0.009	96	4492	1.00	0.8839	
96 o-Xylene	106	9.166	9.166	0.000	87	5181	1.00	0.9607	
97 n-Butyl acrylate	73	9.191	9.182	0.009	59	2925	1.00	1.02	
98 Styrene	104	9.199	9.199	0.000	40	7722	1.00	0.8670	
99 Bromoform	173	9.380	9.380	0.000	37	1468	1.00	0.8412	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	89	5263	1.00	0.8563	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	11013	1.00	0.9572	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	89	151886	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	43	1260	1.00	2.15	
104 Bromobenzene	156	9.783	9.783	0.000	94	3486	1.00	1.07	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	45	3319	1.00	0.9051	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	12254	1.00	0.9513	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	46	1241	1.00	1.15	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	1	1157	1.00	1.03	
109 2-Chlorotoluene	91	9.940	9.948	-0.008	84	9375	1.00	0.9245	
110 4-Ethyltoluene	105	9.956	9.956	0.000	95	10969	1.00	0.99	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	89	10237	1.00	1.07	
112 4-Chlorotoluene	91	10.047	10.047	0.000	94	12047	1.00	1.19	
113 Butyl Methacrylate	87	10.112	10.112	0.000	33	3496	1.00	0.7849	
114 tert-Butylbenzene	119	10.277	10.269	0.008	96	5666	1.00	0.8570	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	88	8686	1.00	0.8919	
116 sec-Butylbenzene	105	10.450	10.458	-0.008	96	10438	1.00	1.09	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	85	5815	1.00	0.9832	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	92	8099	1.00	0.9701	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	97	229121	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	57	6392	1.00	1.08	
121 Benzyl chloride	91	10.779	10.779	0.000	72	5424	1.00	0.9055	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	92	12289	1.00	1.06	
123 p-Diethylbenzene	119	10.878	10.886	-0.008	70	5141	1.00	1.05	
124 n-Butylbenzene	91	10.902	10.902	0.000	91	9419	1.00	1.01	
125 1,2-Dichlorobenzene	146	10.952	10.960	-0.008	87	5546	1.00	0.9523	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	91	8917	1.00	1.08	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	9	650	1.00	0.8725	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	42	3523	1.00	1.03	
129 Camphor	95	12.112	12.112	0.000	14	1877	5.00	4.41	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	35	3174	1.00	1.03	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	23	1688	1.00	1.89	
132 Naphthalene	128	12.392	12.392	0.000	83	8934	1.00	1.11	
133 1,2,3-Trichlorobenzene	180	12.590	12.598	-0.008	35	2947	1.00	1.25	M
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.42	
S 135 Xylenes, Total	100				0		2.00	1.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
GAS Hi_00097	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
14DIOXINTER_00030	Amount Added:	30.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

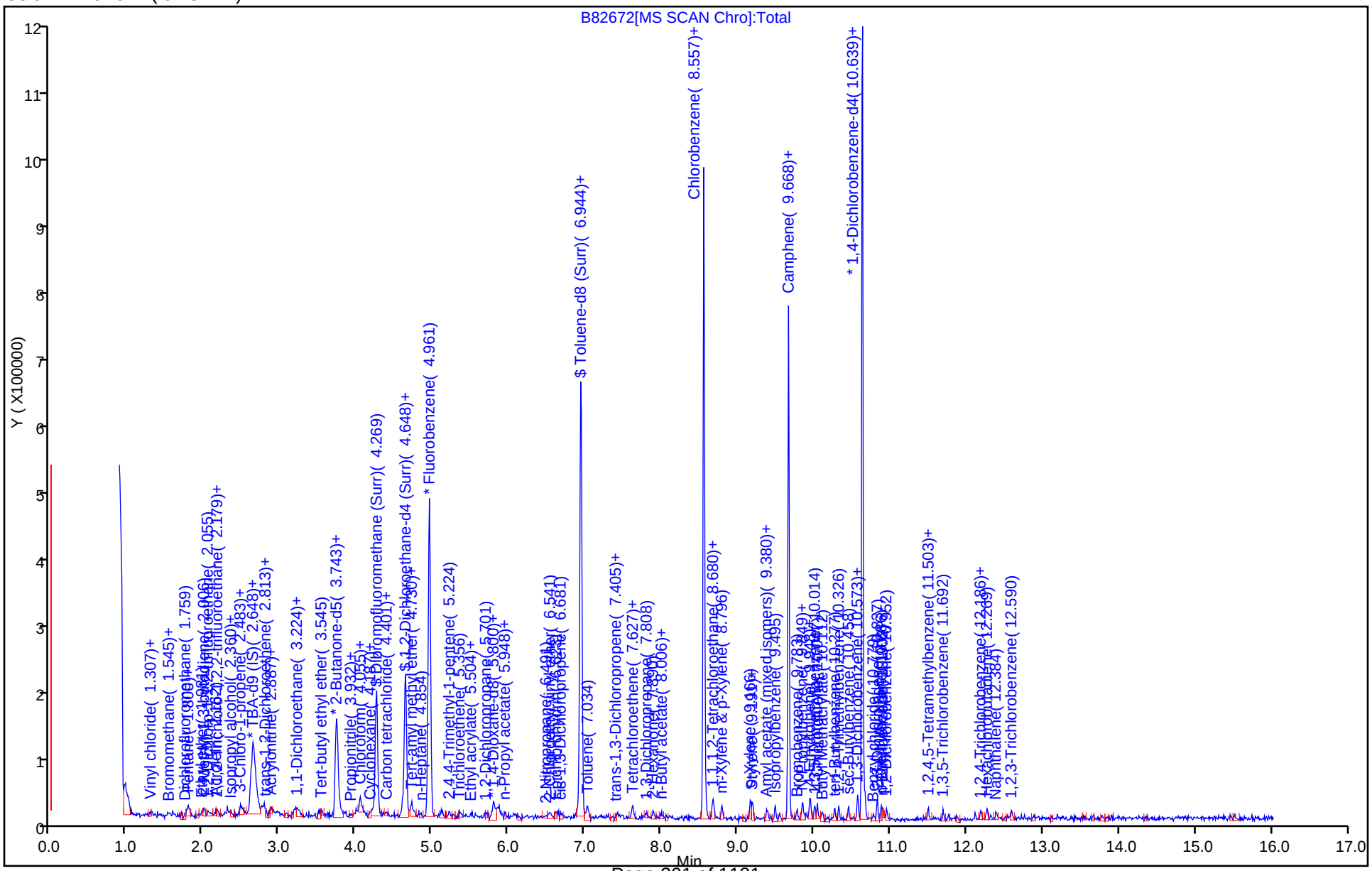
Report Date: 15-May-2015 15:02:10 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Injection Date:	15-May-2015 07:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

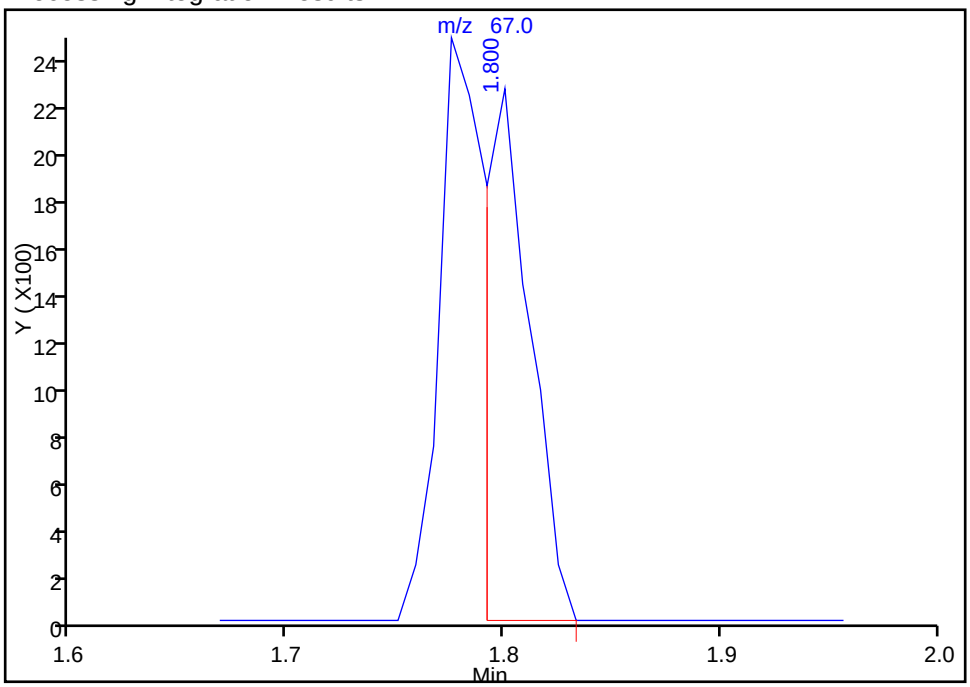
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

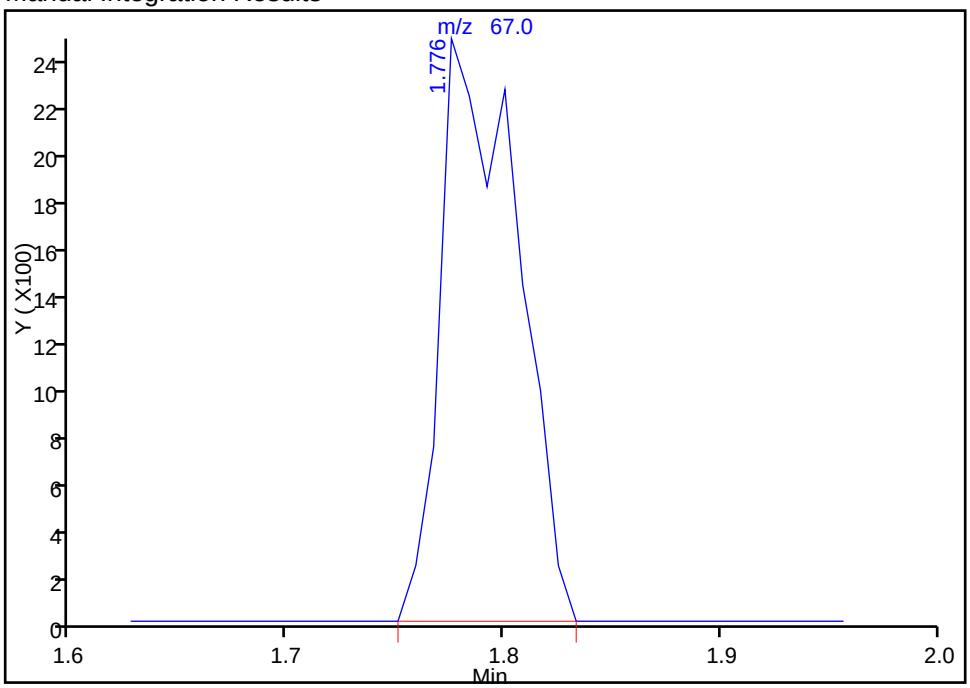
Processing Integration Results

RT: 1.80
Area: 3297
Amount: 0.534305
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 6072
Amount: 1.015745
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

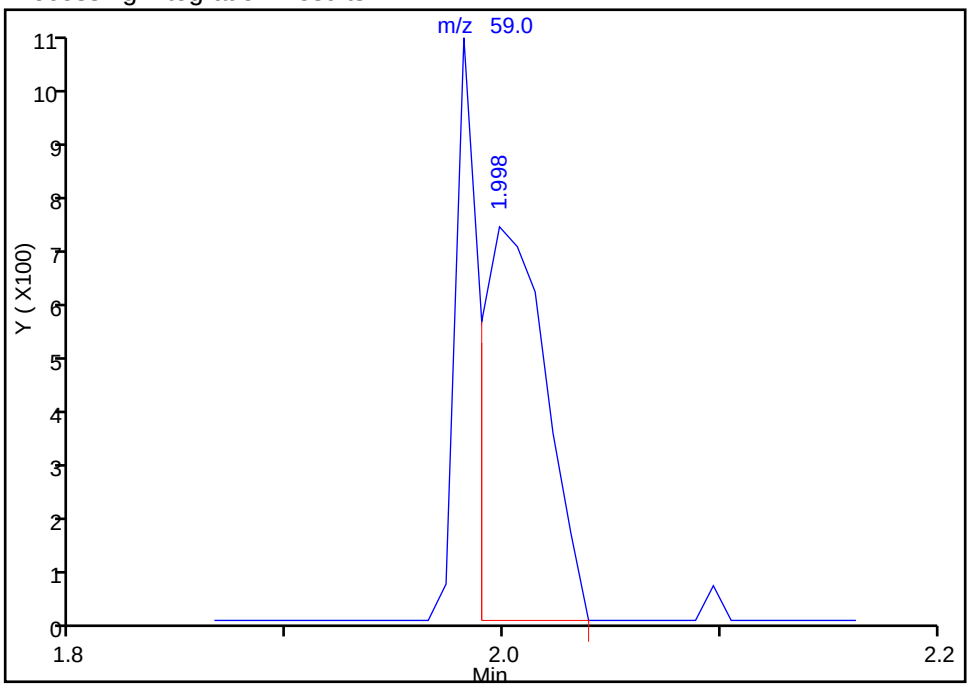
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethyl ether, CAS: 60-29-7

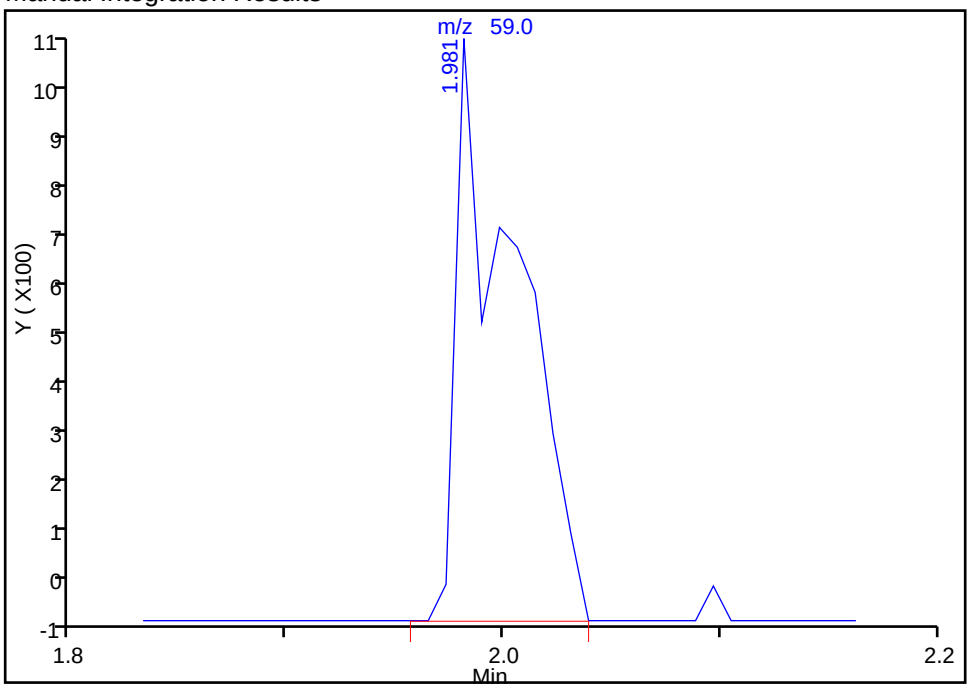
Processing Integration Results

RT: 2.00
Area: 1495
Amount: 0.705789
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 2055
Amount: 0.929220
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

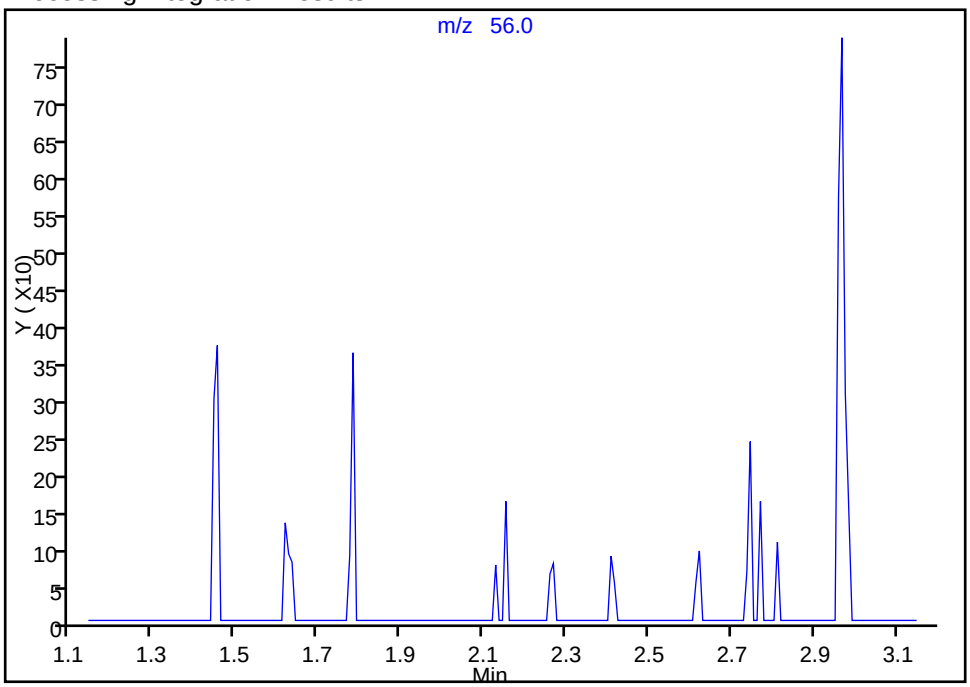
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Acrolein, CAS: 107-02-8

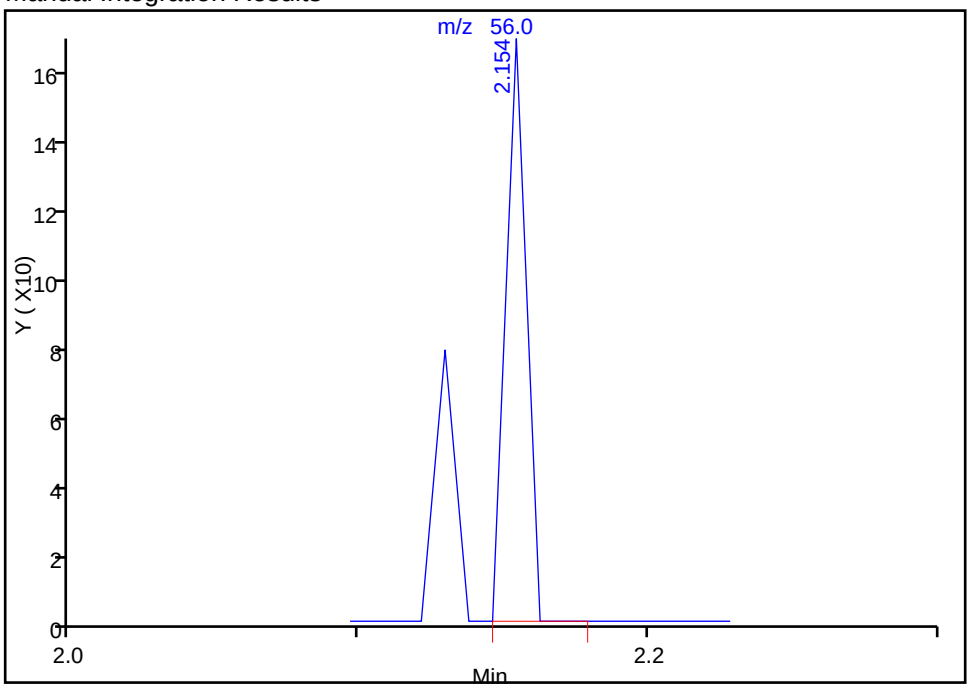
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 80
Amount: 0.618397
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

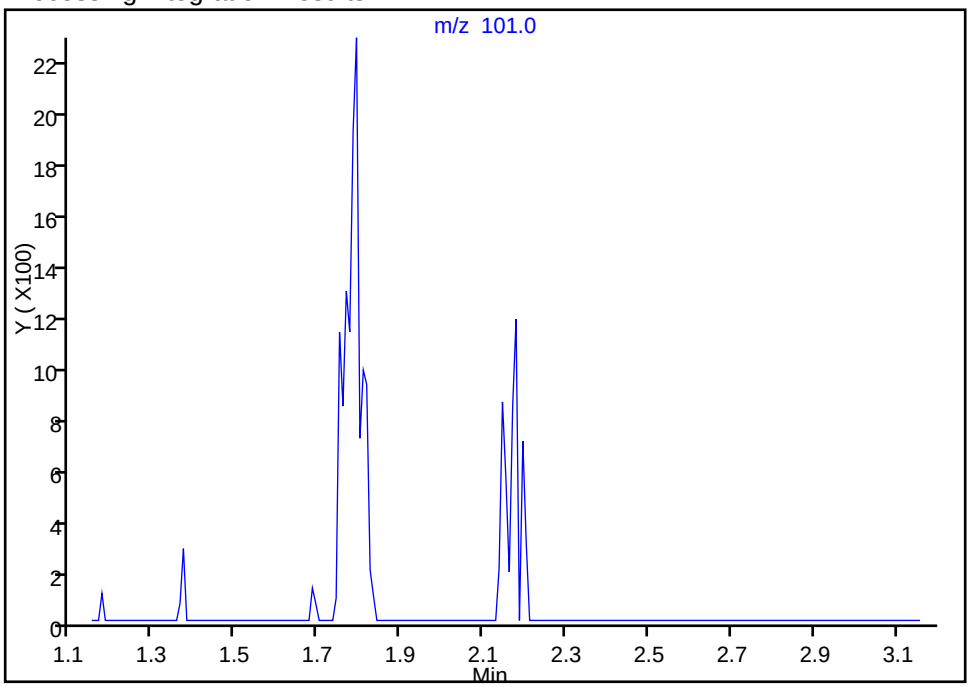
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

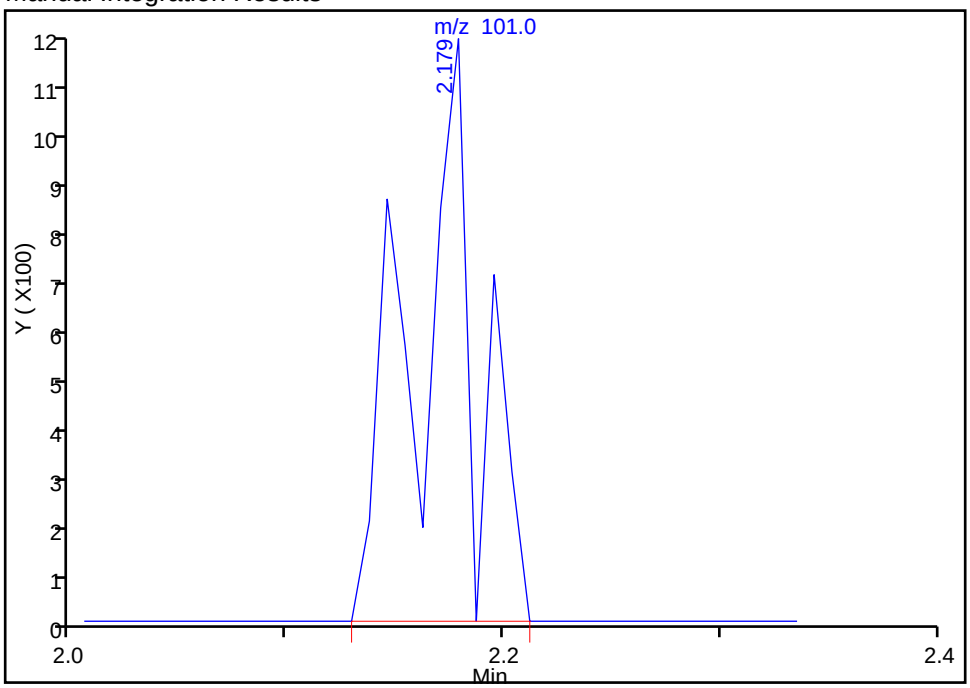
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.18
Area: 2350
Amount: 0.970547
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

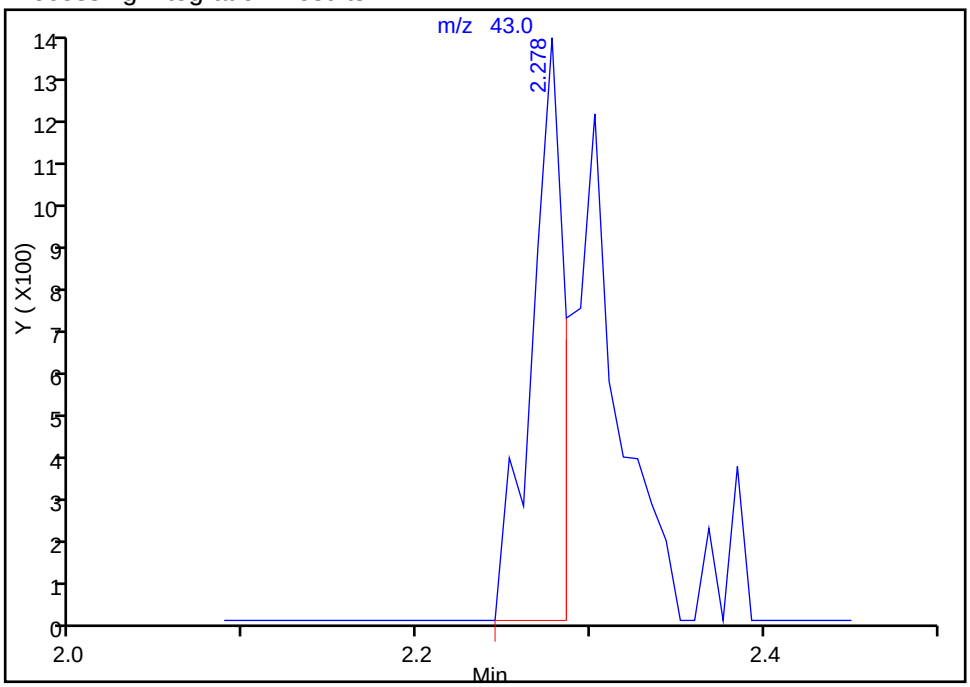
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

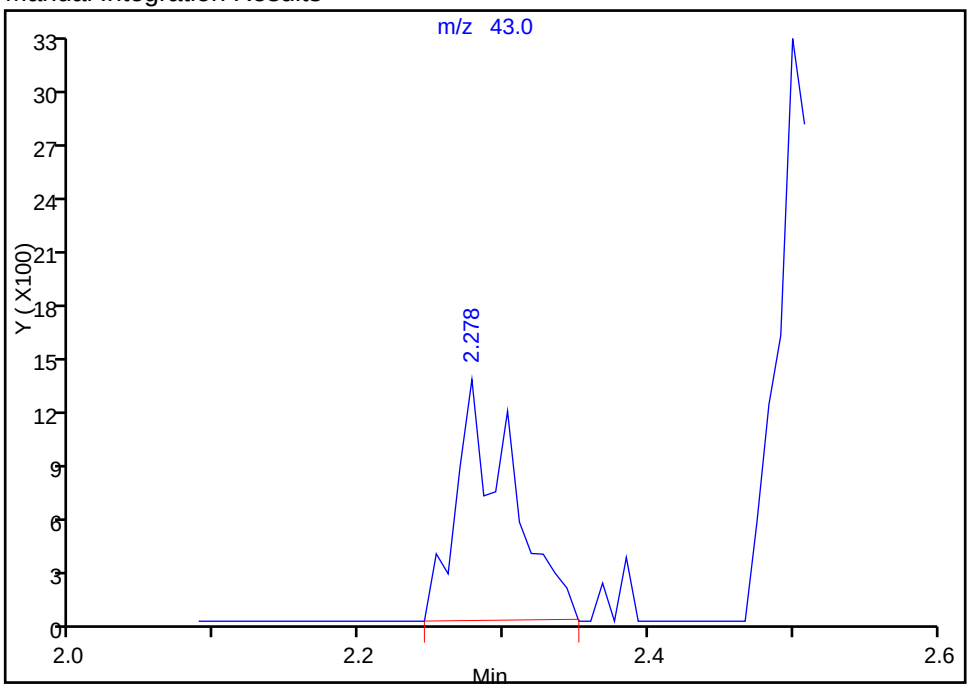
Processing Integration Results

RT: 2.28
Area: 1761
Amount: 2.830087
Amount Units: ug/l



Manual Integration Results

RT: 2.28
Area: 3532
Amount: 5.286049
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

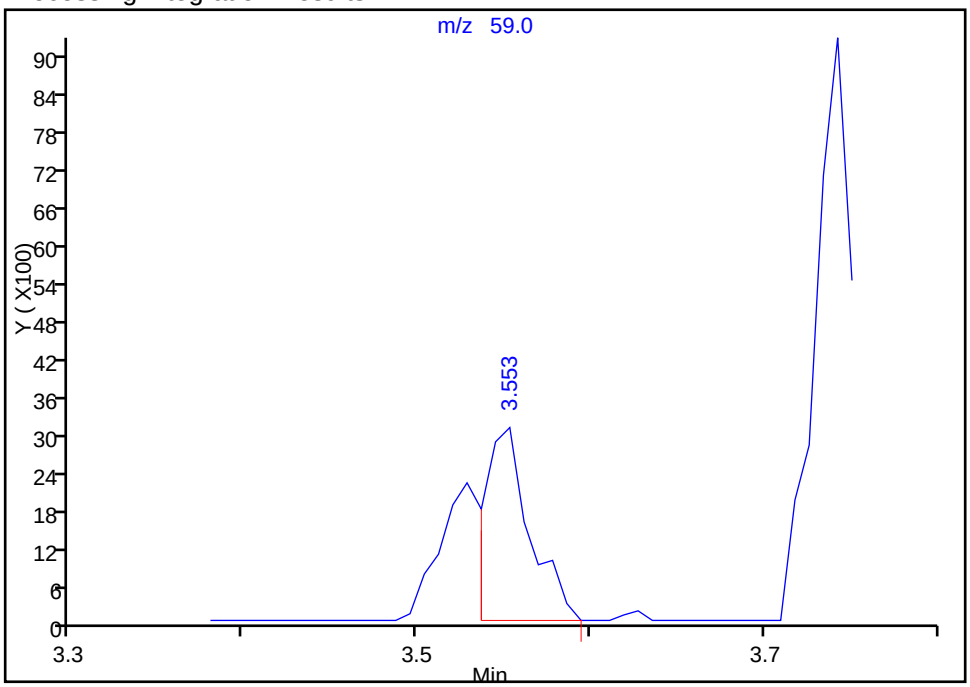
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Tert-butyl ethyl ether, CAS: 637-92-3

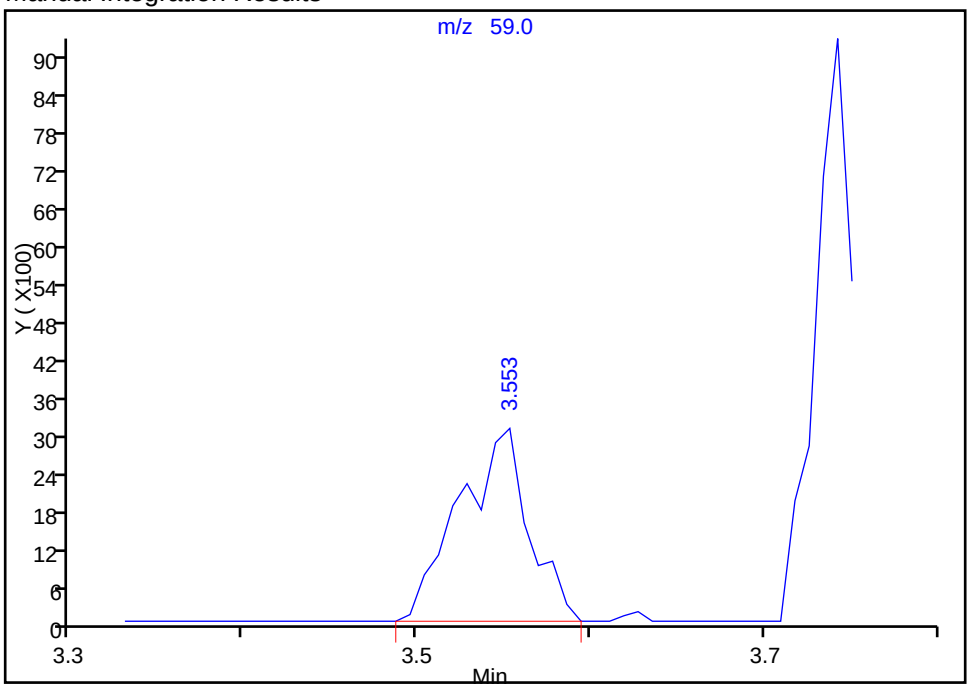
Processing Integration Results

RT: 3.55
Area: 5590
Amount: 0.544899
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 8506
Amount: 0.901003
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

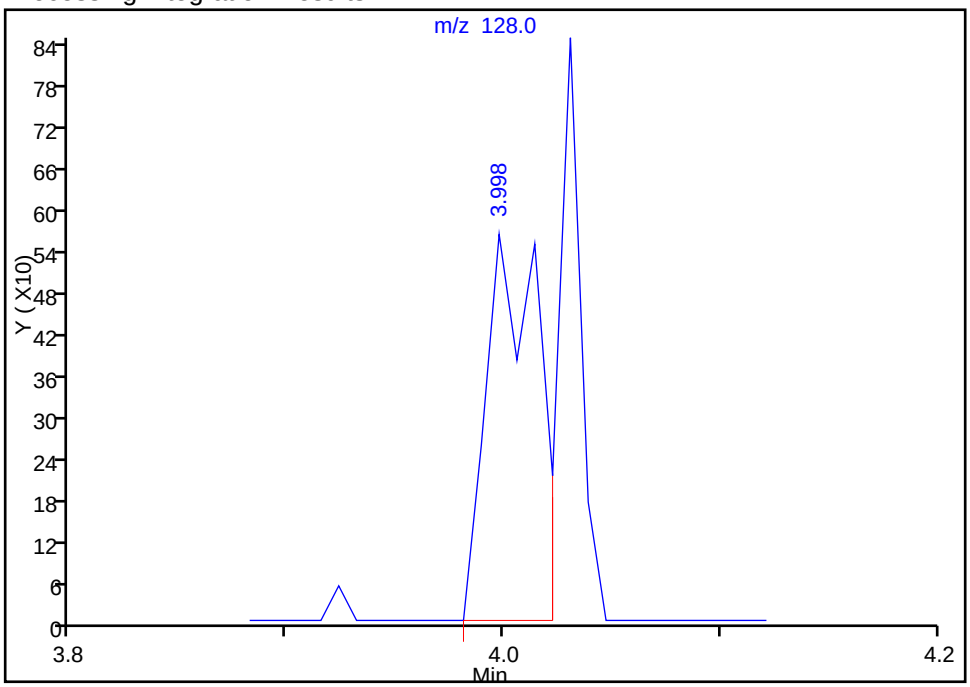
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

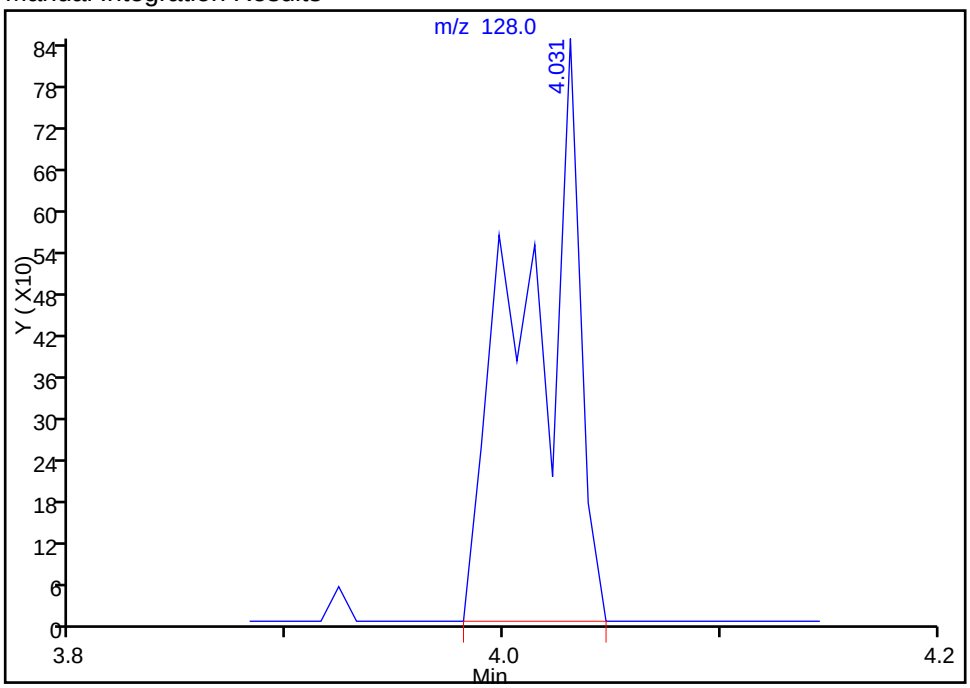
Processing Integration Results

RT: 4.00
Area: 958
Amount: 0.682927
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 1458
Amount: 0.981079
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

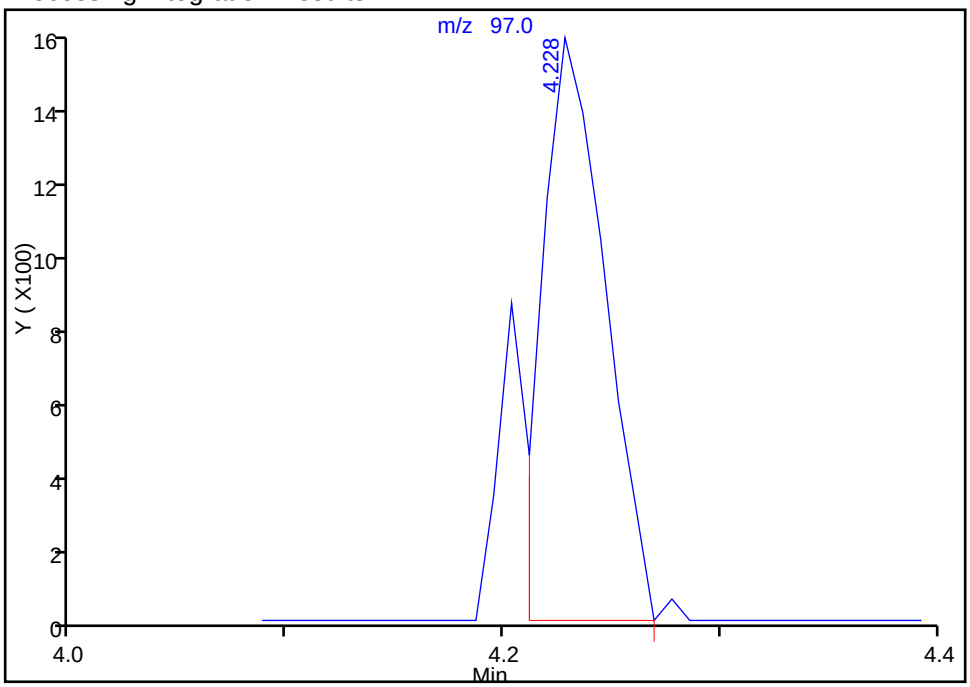
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

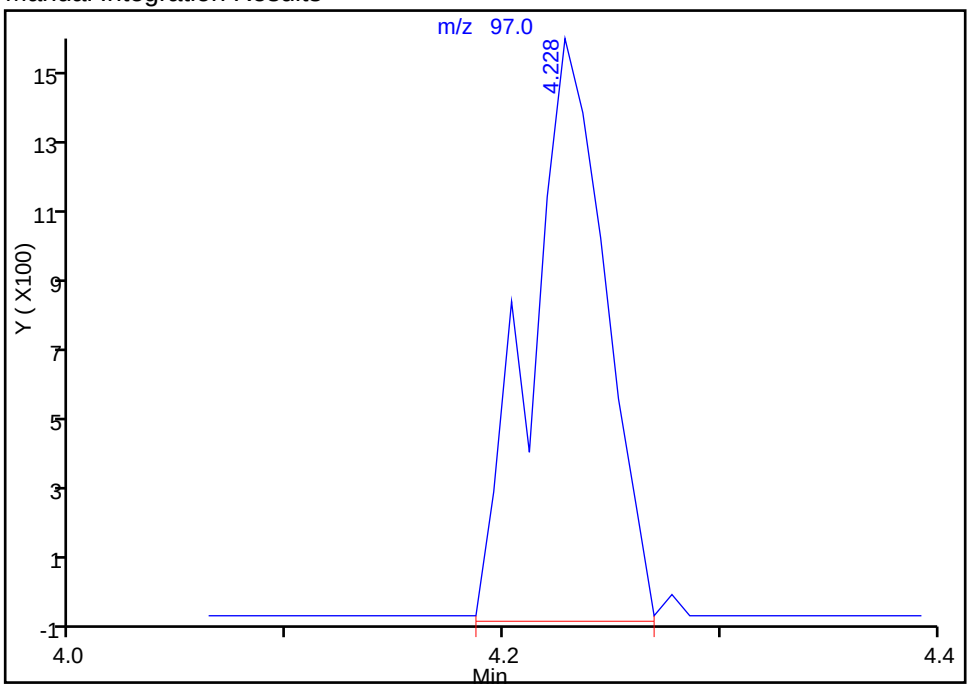
Processing Integration Results

RT: 4.23
Area: 3194
Amount: 0.747486
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 3867
Amount: 0.878422
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

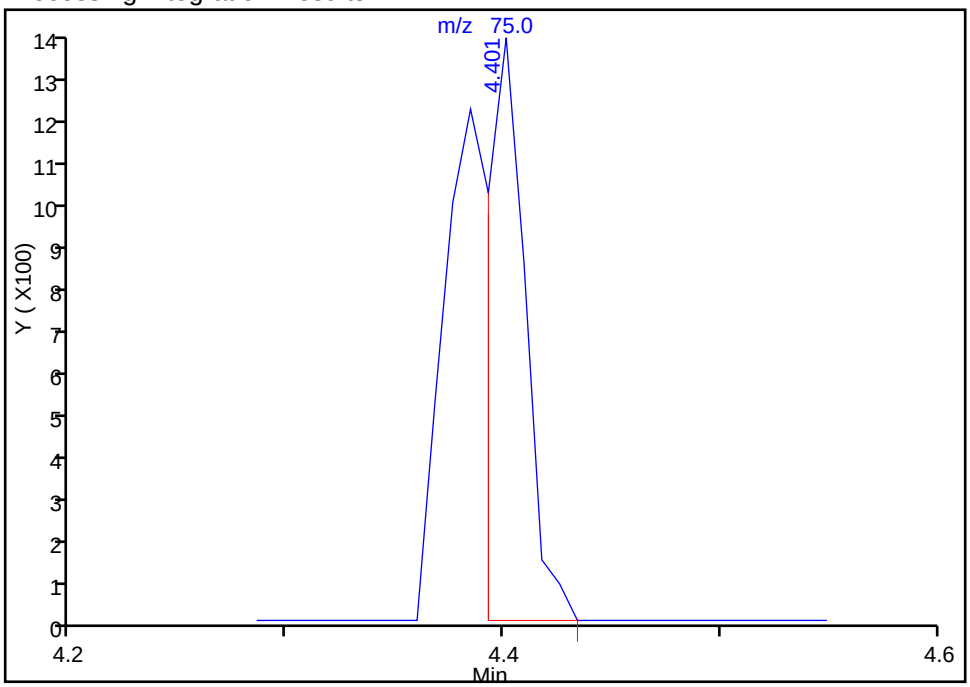
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

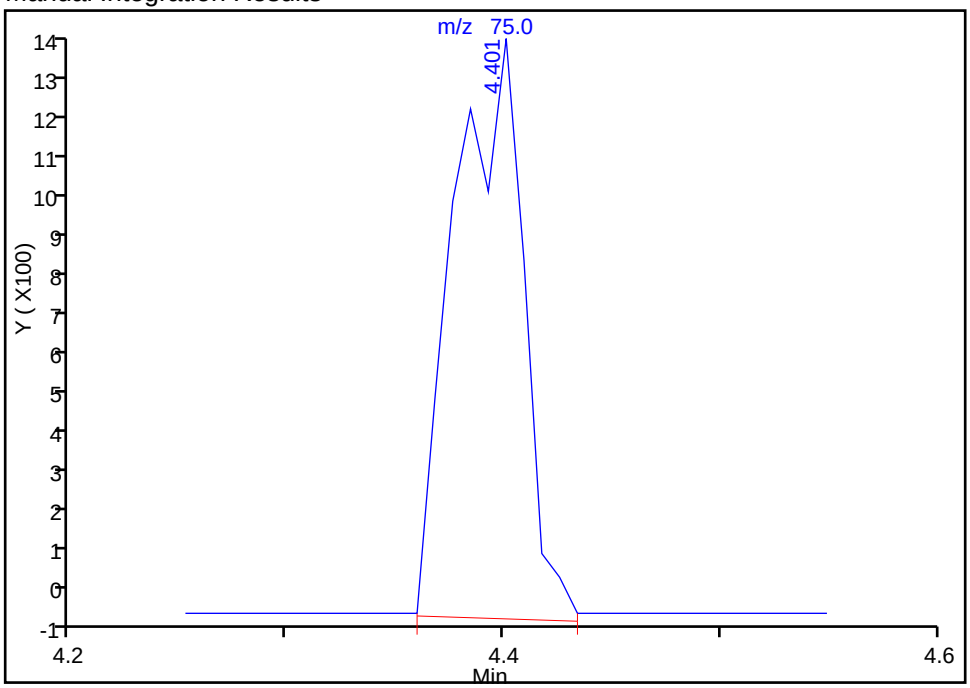
Processing Integration Results

RT: 4.40
Area: 1623
Amount: 0.437816
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 2952
Amount: 0.851754
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

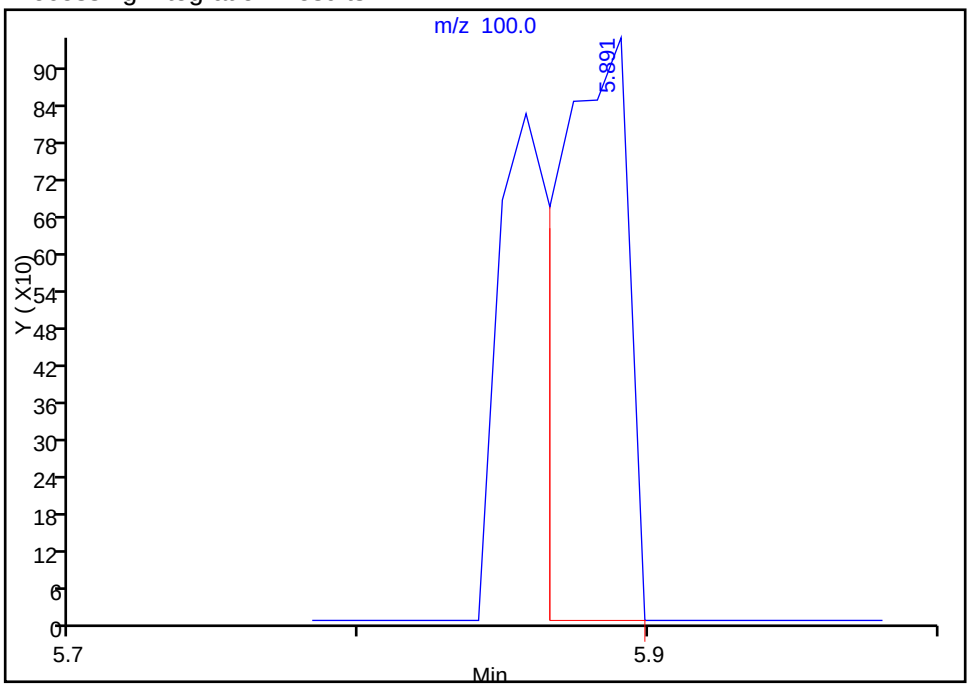
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 Methyl methacrylate, CAS: 80-62-6

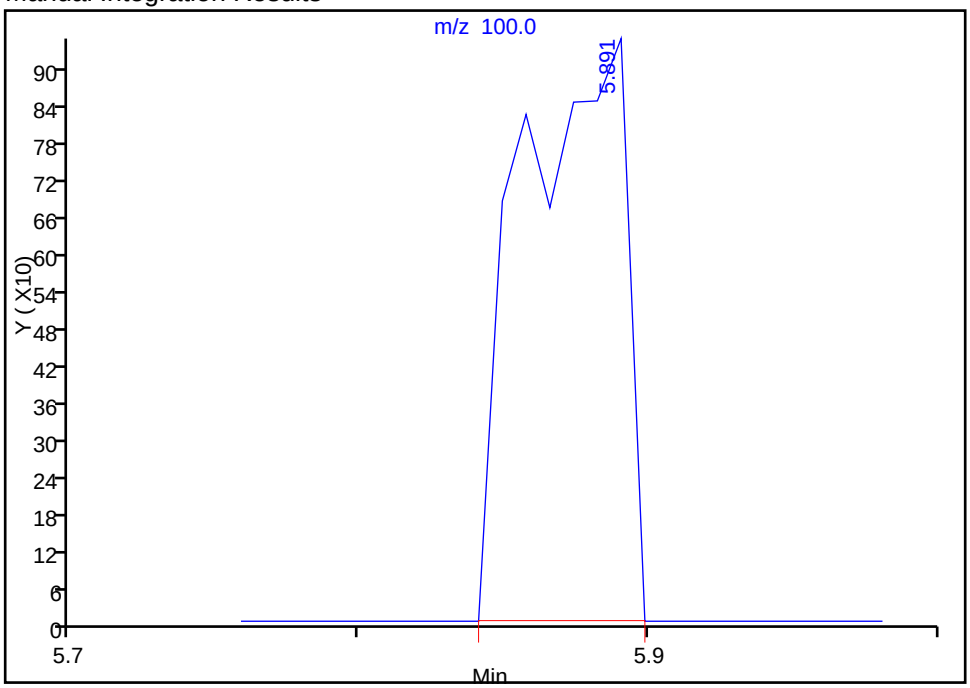
Processing Integration Results

RT: 5.89
Area: 1628
Amount: 2.266445
Amount Units: ug/l



Manual Integration Results

RT: 5.89
Area: 2366
Amount: 3.243180
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

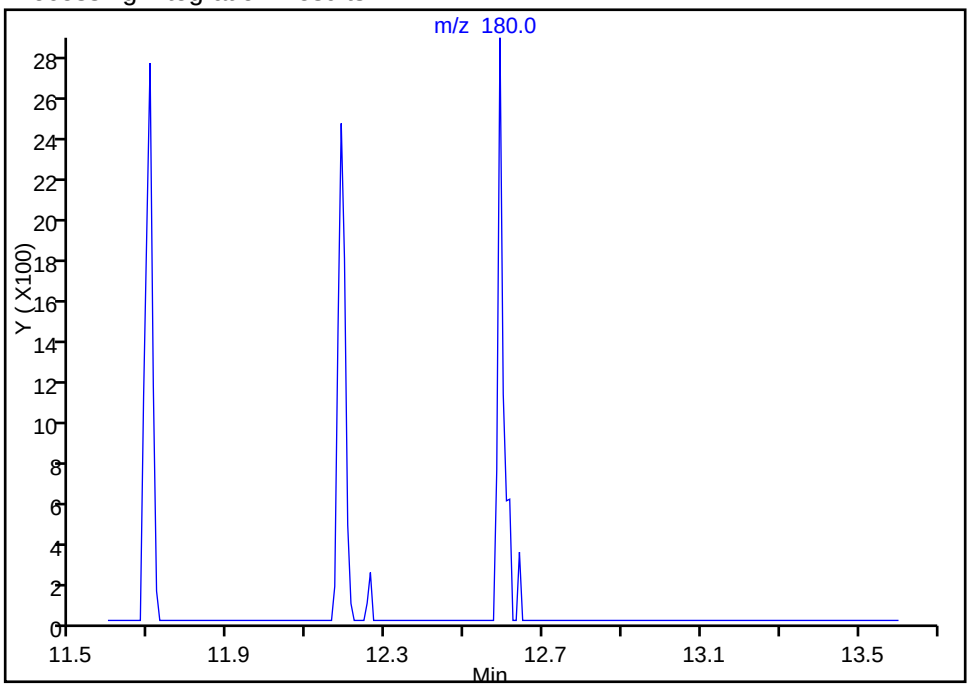
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

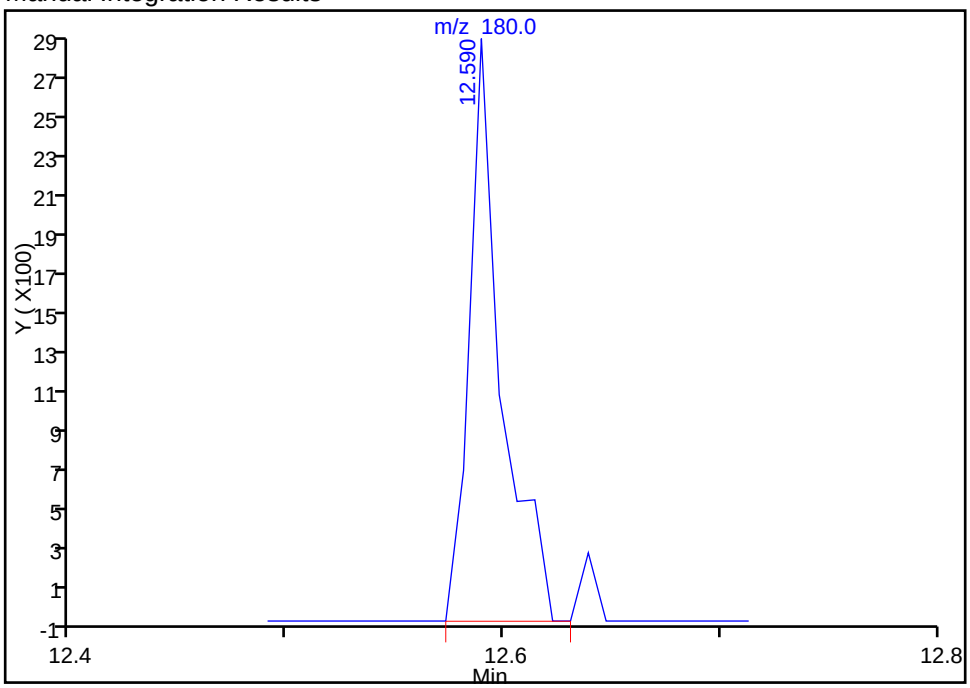
Not Detected
Expected RT: 12.60

Processing Integration Results



Manual Integration Results

RT: 12.59
Area: 2947
Amount: 1.252142
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-298728/3	D10119.D
Level 2	STD5 460-298728/4	D10120.D
Level 3	STD20 460-298728/5	D10121.D
Level 4	STD50 460-298728/6	D10122.D
Level 5	STD200 460-298728/7	D10123.D
Level 6	STD500 460-298728/8	D10124.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2219 0.2427	0.2377	0.2661	0.2404	0.2658	Ave		0.2458				7.0		20.0			
Dichlorodifluoromethane	0.5380 0.5706	0.5814	0.6726	0.6275	0.5972	Ave		0.5979			0.1000	7.9		20.0			
Chloromethane	0.4502 0.3887	0.4754	0.4542	0.4321	0.4210	Ave		0.4369			0.1000	6.9		20.0			
Vinyl chloride	0.3798 0.3834	0.4431	0.4793	0.4463	0.4196	Ave		0.4253			0.1000	9.1		20.0			
Butadiene	0.3835 0.3218	0.3758	0.4155	0.3923	0.3524	Ave		0.3736				8.7		20.0			
Bromomethane	0.3223 0.2673	0.3460	0.3944	0.3400	0.3304	Ave		0.3334			0.1000	12.3		20.0			
Chloroethane	0.2693 0.2406	0.3151	0.3144	0.2881	0.2724	Ave		0.2833			0.1000	10.1		20.0			
Dichlorofluoromethane	0.8216 0.6831	0.8727	0.8622	0.7998	0.7356	Ave		0.7958				9.3		20.0			
Trichlorofluoromethane	0.7254 0.6352	0.7103	0.7890	0.7345	0.6846	Ave		0.7132			0.1000	7.2		20.0			
Pentane	0.0921 0.0746	0.0790	0.0818	0.0751	0.0765	Ave		0.0798				8.2		20.0			
Ethanol	0.0795 +++++	0.0614	0.0584	0.0530	0.0506	Ave		0.0606				18.8		20.0			
Ethyl ether	0.3343 0.2448	0.3273	0.2880	0.2724	0.2770	Ave		0.2906				11.8		20.0			
2-Methyl-1,3-butadiene	0.3605 0.2988	0.3505	0.3439	0.3164	0.3131	Ave		0.3305				7.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.4118 0.3083	0.4094	0.4048	0.3662	0.3539	Ave		0.3757				10.9		20.0			
Acrolein	0.4374 0.4183	0.4748	0.4392	0.4382	0.4350	Ave		0.4405				4.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4293 0.3999	0.4475	0.4683	0.4310	0.4420	Ave		0.4363			0.1000	5.2		20.0			
1,1-Dichloroethene	0.3925 0.3479	0.4306	0.4093	0.3736	0.3825	Ave		0.3894			0.1000	7.4		20.0			
Acetone	2.6819 0.8813	1.4084	1.0587	0.9545	0.9444	QuaF		0.9861	-0.000042		0.0500				1.0000		0.9900
Iodomethane	0.8542 0.6724	0.9185	0.8501	0.7739	0.7567	Ave		0.8043				10.9		20.0			
Carbon disulfide	1.3959 1.2510	1.4871	1.4282	1.3012	1.3586	Ave		1.3703			0.1000	6.3		20.0			
Isopropyl alcohol	1.3189 0.6198	0.9381	0.7723	0.6888	0.6726	QuaF		0.7084	-0.000018						1.0000		0.9900
Allyl chloride	0.2459 0.2234	0.2707	0.2379	0.2232	0.2365	Ave		0.2396				7.3		20.0			
Cyclopentene	1.0740 0.9171	1.0645	1.0613	0.9712	0.9738	Ave		1.0103				6.4		20.0			
Methyl acetate	0.3212 0.2174	0.3271	0.2688	0.2651	0.2539	Ave		0.2756			0.1000	15.2		20.0			
Acetonitrile	0.9626 0.8552	1.1748	1.1554	0.8640	0.9135	Ave		0.9876				14.5		20.0			
Methylene Chloride	0.5117 0.3721	0.5227	0.4567	0.4178	0.4087	Ave		0.4483			0.1000	13.4		20.0			
2-Methyl-2-propanol	2.8655 1.1755	1.7760	1.4970	1.2987	1.2371	QuaF		1.2884	-0.000023						1.0000		0.9900
Methyl tert-butyl ether	1.2884 0.9306	1.3135	1.1436	1.0574	1.0620	Ave		1.1326			0.1000	13.0		20.0			
trans-1,2-Dichloroethene	0.4963 0.3702	0.5126	0.4736	0.4289	0.4138	Ave		0.4492			0.1000	12.1		20.0			
Acrylonitrile	4.2466 3.0089	3.8457	3.3112	3.3172	3.1863	Ave		3.4860				13.4		20.0			
Hexane	0.5753 0.5199	0.5538	0.5869	0.5519	0.5650	Ave		0.5588				4.1		20.0			
Isopropyl ether	1.3202 0.8827	1.3156	1.1340	1.0573	1.0244	Ave		1.1224				15.3		20.0			
1,1-Dichloroethane	0.8341 0.6230	0.8583	0.7746	0.7156	0.6879	Ave		0.7489			0.2000	12.0		20.0			
Vinyl acetate	0.0404 0.0195	0.0489	0.0412	0.0421	0.0226	Ave		0.0358				33.1	*	20.0			
2-Chloro-1,3-butadiene	0.4358 0.3340	0.4477	0.4292	0.3863	0.3647	Ave		0.3996				11.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	0.1661 0.1931	0.2491	0.2317	0.2030	0.2007	Ave		0.2073				14.2		20.0			
Tert-butyl ethyl ether	1.3339 0.9657	1.3577	1.1881	1.1162	1.1153	Ave		1.1795				12.5		20.0			
2,2-Dichloropropane	0.3140 +++++	0.2677	0.2300	0.2079	0.2025	Ave		0.2444				19.1		20.0			
cis-1,2-Dichloroethene	0.5679 0.3914	0.5746	0.5012	0.4568	0.4408	Ave		0.4888			0.1000	14.9		20.0			
2-Butanone (MEK)	0.7710 0.4287	0.5919	0.4990	0.4782	0.4574	QuaF		0.4782	-0.000020		0.0500				1.0000		0.9900
Ethyl acetate	0.5934 0.3790	0.3553	0.3364	0.2984	0.4108	QuaF		0.4122	-0.000033						0.9990		0.9900
Methyl acrylate	0.3103 0.2457	0.3315	0.2754	0.2827	0.2763	Ave		0.2870				10.4		20.0			
Propionitrile	0.0565 0.0366	0.0546	0.0457	0.0447	0.0435	Ave		0.0469				15.8		20.0			
Chlorobromomethane	0.2772 0.1896	0.2833	0.2453	0.2271	0.2180	Ave		0.2401				15.0		20.0			
Tetrahydrofuran	1.1321 0.4722	0.7355	0.5749	0.5603	0.5138	QuaF		0.5462	-0.000074						1.0000		0.9900
Methacrylonitrile	0.1648 0.1048	0.1614	0.1370	0.1342	0.1274	Ave		0.1383				16.2		20.0			
Chloroform	0.9147 0.5836	0.9032	0.7808	0.7018	0.6595	Ave		0.7573			0.2000	17.7		20.0			
Cyclohexane	0.7310 0.6005	0.6843	0.6861	0.6368	0.6484	Ave		0.6645			0.1000	6.9		20.0			
1,1,1-Trichloroethane	0.8036 0.5598	0.7745	0.7080	0.6432	0.6205	Ave		0.6849			0.1000	13.7		20.0			
Carbon tetrachloride	0.6759 0.5396	0.6929	0.6581	0.6080	0.5822	Ave		0.6261			0.1000	9.5		20.0			
1,1-Dichloropropene	0.6265 0.4808	0.6425	0.6107	0.5666	0.5201	Ave		0.5745				11.1		20.0			
Isobutyl alcohol	0.9511 0.7611	0.8417	0.8210	0.8026	0.8065	Ave		0.8307				7.8		20.0			
Benzene	2.0603 1.5615	2.0731	1.8155	1.6925	1.7033	Ave		1.8177			0.5000	11.5		20.0			
Tert-amyl methyl ether	1.5081 1.0926	1.6692	1.4564	1.3517	1.3146	Ave		1.3988				14.0		20.0			
Isopropyl acetate	1.0897 0.7449	1.1832	1.0168	0.9113	0.9031	Ave		0.9748				15.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane	0.5576 0.4007	0.5725	0.4940	0.4592	0.4505	Ave		0.4891			0.1000	13.5		20.0			
n-Heptane	0.3884 0.2983	0.3263	0.3322	0.3192	0.3248	Ave		0.3315				9.1		20.0			
2,4,4-Trimethyl-1-pentene	1.0794 0.9706	1.0569	1.1317	1.0812	1.0247	Ave		1.0574				5.2		20.0			
n-Butanol	0.4779 0.3281	0.4145	0.3846	0.3466	0.3497	Ave		0.3836				14.5		20.0			
Trichloroethene	0.5498 0.3718	0.5284	0.4792	0.4382	0.4178	Ave		0.4642			0.2000	14.6		20.0			
Methylcyclohexane	0.8119 0.6704	0.7726	0.7927	0.7394	0.7415	Ave		0.7547			0.1000	6.6		20.0			
Ethyl acrylate	0.0459 0.0276	0.0384	0.0328	0.0318	0.0319	Ave		0.0347				18.7		20.0			
1,2-Dichloropropane	0.4413 0.3525	0.4611	0.4043	0.3766	0.3821	Ave		0.4030			0.1000	10.3		20.0			
Methyl methacrylate	0.1161 0.0874	0.1242	0.1039	0.0997	0.1017	Ave		0.1055				12.3		20.0			
1,4-Dioxane	2.2602 0.9660	1.9146	1.6454	1.5281	1.2800	QuaF		1.5065	-0.000054						1.0000		0.9900
Dibromomethane	0.3339 0.2179	0.3190	0.2710	0.2547	0.2478	Ave		0.2740				16.2		20.0			
n-Propyl acetate	0.5126 0.3748	0.5057	0.4381	0.4136	0.4262	Ave		0.4452				12.1		20.0			
Dichlorobromomethane	0.6572 0.5127	0.6580	0.5810	0.5431	0.5556	Ave		0.5846			0.2000	10.4		20.0			
2-Nitropropane	0.1131 0.0717	0.0995	0.0807	0.0796	0.0807	Ave		0.0876				17.7		20.0			
2-Chloroethyl vinyl ether	0.2762 0.2022	0.2597	0.2255	0.2217	0.2246	Ave		0.2350				11.7		20.0			
Epichlorohydrin	0.4611 0.3420	0.4276	0.3772	0.3572	0.3652	Ave		0.3884				11.9		20.0			
cis-1,3-Dichloropropene	0.8574 0.7134	0.8492	0.7536	0.7367	0.7507	Ave		0.7768			0.2000	7.9		20.0			
4-Methyl-2-pentanone (MIBK)	4.3126 3.0008	4.1324	3.7254	3.4386	3.2935	Ave		3.6506			0.0500	13.8		20.0			
Toluene	2.3343 1.6918	2.2146	1.9753	1.8566	1.8412	Ave		1.9856			0.4000	12.3		20.0			
trans-1,3-Dichloropropene	0.7403 0.6030	0.7593	0.6587	0.6573	0.6367	Ave		0.6759			0.1000	9.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.5218 0.3927	0.5576	0.4741	0.4509	0.4413	Ave		0.4731				12.5		20.0			
1,1,2-Trichloroethane	0.4077 0.3075	0.3990	0.3307	0.3207	0.3315	Ave		0.3495			0.1000	12.2		20.0			
Tetrachloroethene	0.5567 0.4226	0.5749	0.5141	0.4787	0.4720	Ave		0.5032			0.2000	11.3		20.0			
1,3-Dichloropropane	0.7535 0.6108	0.7268	0.6308	0.6130	0.6471	Ave		0.6637				9.2		20.0			
2-Hexanone	3.0853 2.0692	2.8461	2.5465	2.3195	2.2652	Ave		2.5220			0.0500	15.2		20.0			
n-Butyl acetate	0.1337 0.0862	0.0980	0.0806	0.0704	0.0955	QuaF		0.0972	-0.000022						0.9990		0.9900
Chlorodibromomethane	0.5597 0.4672	0.5791	0.5125	0.4923	0.5038	Ave		0.5191			0.1000	8.1		20.0			
Ethylene Dibromide	0.4843 0.3923	0.4861	0.4204	0.4105	0.4232	Ave		0.4361			0.1000	9.1		20.0			
Chlorobenzene	1.5645 1.1114	1.5171	1.3056	1.2346	1.2326	Ave		1.3276			0.5000	13.3		20.0			
Ethylbenzene	0.8262 0.5732	0.8106	0.7219	0.6745	0.6586	Ave		0.7108			0.1000	13.5		20.0			
1,1,1,2-Tetrachloroethane	0.5919 0.3871	0.5658	0.4965	0.4628	0.4509	Ave		0.4925				15.5		20.0			
m-Xylene & p-Xylene	1.0194 0.7411	1.0252	0.8842	0.8302	0.8245	Ave		0.8874			0.1000	12.9		20.0			
n-Butyl acrylate	0.4934 +++++	0.4007	0.3329	0.3150	0.3306	Ave		0.3745				19.8		20.0			
o-Xylene	0.9787 0.6949	1.0121	0.8774	0.8221	0.8008	Ave		0.8644			0.3000	13.7		20.0			
Styrene	1.6757 1.1238	1.6226	1.3950	1.2964	1.2948	Ave		1.4014			0.3000	15.1		20.0			
Amyl acetate (mixed isomers)	1.2850 1.0664	1.3197	1.1999	1.1280	1.2252	Ave		1.2040				7.9		20.0			
Bromoform	0.4086 0.2792	0.3840	0.3347	0.3092	0.3126	Ave		0.3381			0.1000	14.5		20.0			
Isopropylbenzene	2.4841 1.9040	2.6141	2.3457	2.2147	2.1588	Ave		2.2869			0.1000	11.0		20.0			
Camphene	0.1793 0.1532	0.1684	0.1657	0.1638	0.1581	Ave		0.1647				5.5		20.0			
Bromobenzene	1.2392 0.8320	1.2183	1.0587	0.9880	0.9847	Ave		1.0535				14.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	1.1182 0.8494	1.1417	1.0318	0.9711	0.9881	Ave		1.0167			0.3000	10.5		20.0			
N-Propylbenzene	5.5582 4.2304	5.7064	5.1291	4.8655	4.9213	Ave		5.0685				10.5		20.0			
1,2,3-Trichloropropane	0.3732 0.2330	0.3442	0.3022	0.2883	0.2736	Ave		0.3024				16.6		20.0			
trans-1,4-Dichloro-2-butene	0.3809 0.2227	0.3044	0.2710	0.2616	0.2537	Ave		0.2824				19.5		20.0			
4-Ethyltoluene	5.0685 3.3660	5.0259	4.4569	4.2013	4.0969	Ave		4.3692				14.6		20.0			
2-Chlorotoluene	3.8381 2.6869	3.9408	3.4250	3.2074	3.1639	Ave		3.3770				13.8		20.0			
1,3,5-Trimethylbenzene	3.8987 3.1448	4.0202	3.5861	3.4621	3.5579	Ave		3.6116				8.7		20.0			
4-Chlorotoluene	3.6443 2.5360	3.5223	3.0372	2.8426	2.8833	Ave		3.0776				13.8		20.0			
Butyl Methacrylate	1.3411 0.9872	1.3436	1.2271	1.1289	1.1683	Ave		1.1994				11.3		20.0			
tert-Butylbenzene	3.2921 2.7319	3.3607	3.0980	3.0131	3.1387	Ave		3.1057				7.2		20.0			
1,2,4-Trimethylbenzene	4.1645 3.1501	4.1758	3.6945	3.4965	3.6333	Ave		3.7191				10.7		20.0			
sec-Butylbenzene	4.9709 4.1119	5.1431	4.7182	4.5962	4.7080	Ave		4.7081				7.5		20.0			
4-Isopropyltoluene	4.4478 3.3181	4.5315	4.0514	3.8396	3.9687	Ave		4.0262				11.0		20.0			
1,3-Dichlorobenzene	2.5178 1.4646	2.3669	2.0158	1.8267	1.7803	Ave		1.9953			0.6000	19.6		20.0			
1,4-Dichlorobenzene	2.5533 +++++	2.3661	2.0000	1.8254	1.7463	Ave		2.0982			0.5000	16.6		20.0			
Benzyl chloride	0.5366 0.3905	0.5147	0.4628	0.4346	0.4546	Ave		0.4656				11.4		20.0			
Indan	2.0669 1.3249	2.0709	1.8916	1.6968	1.6307	Ave		1.7803				16.2		20.0			
p-Diethylbenzene	3.0638 1.9877	3.0305	2.6720	2.4934	2.3521	Ave		2.5999				15.9		20.0			
n-Butylbenzene	2.3445 1.7401	2.4308	2.1222	1.9999	2.0192	Ave		2.1095				11.9		20.0			
1,2-Dichlorobenzene	2.3630 1.5436	2.2429	1.9813	1.7720	1.7802	Ave		1.9472			0.4000	16.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetramethylbenzene	4.2638 3.2988	4.3722	3.8893	3.6608	3.9258	Ave		3.9018				10.1		20.0			
1,2-Dibromo-3-Chloropropane	0.3054 0.2246	0.2923	0.2651	0.2460	0.2552	Ave		0.2648			0.0500	11.3		20.0			
1,3,5-Trichlorobenzene	1.9818 1.2016	1.8603	1.5924	1.4382	1.4880	Ave		1.5937				18.0		20.0			
Camphor	0.1743 0.1118	0.1440	0.1258	0.1201	0.1307	Ave		0.1344				16.6		20.0			
1,2,4-Trichlorobenzene	1.9300 1.1270	1.7366	1.5163	1.3377	1.3897	Ave		1.5062			0.2000	19.2		20.0			
Hexachlorobutadiene	0.7799 0.5661	0.7728	0.6820	0.6467	0.6834	Ave		0.6885				11.7		20.0			
Naphthalene	4.7587 3.0055	4.1974	3.7397	3.4005	3.5487	Ave		3.7751				16.5		20.0			
1,2,3-Trichlorobenzene	1.7465 1.1003	1.6125	1.3853	1.2302	1.3242	Ave		1.3998				17.2		20.0			
Dibromofluoromethane (Surr)	0.2868 0.2473	0.3296	0.2887	0.2930	0.2934	Ave		0.2898				9.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0601 0.0505	0.0692	0.0599	0.0616	0.0619	Ave		0.0605				9.9		20.0			
Toluene-d8 (Surr)	1.1507 1.2016	1.3311	1.1649	1.2416	1.3199	Ave		1.2350				6.2		20.0			
4-Bromofluorobenzene	0.6987 0.7033	0.8138	0.7061	0.7552	0.8123	Ave		0.7482				7.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-298728/3	D10119.D
Level 2	STD5 460-298728/4	D10120.D
Level 3	STD20 460-298728/5	D10121.D
Level 4	STD50 460-298728/6	D10122.D
Level 5	STD200 460-298728/7	D10123.D
Level 6	STD500 460-298728/8	D10124.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	2113 1176606	10647	50540	108170	474769	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5122 2766042	26039	127769	282303	1066980	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4286 1884245	21291	86267	194395	752124	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3616 1858839	19843	91044	200790	749617	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3651 1560157	16831	78931	176473	629585	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	3069 1295752	15494	74909	152971	590212	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2564 1166586	14110	59716	129602	486720	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7822 3311754	39085	163778	359798	1314110	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6906 3079593	31808	149877	330436	1223140	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1753 723042	7072	31090	67535	273236	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	Ave	916 +++++	3812	14971	32107	121730	40.0 +++++	200	800	2000	8000
Ethyl ether	FB	Ave	3183 1186616	14658	54703	122555	494876	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3432 1448367	15695	65319	142334	559324	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3921 1494368	18334	76883	164750	632295	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	12606 75618	29472	42255	53086	65359	100 600	200	300	400	500
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4087 1938745	20041	88960	193913	789657	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	3737 1686783	19285	77738	168050	683337	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	10157 1713265	26937	83737	182824	724489	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	8133 3259503	41133	161473	348147	1351952	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13290 6064505	66597	271293	585353	2427180	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	3801 933720	14557	49535	104310	404203	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	2341 1083194	12124	45198	100422	422571	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	10225 4445865	47672	201593	436907	1739761	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	15289 5270451	73237	255312	596307	2268110	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	2774 1288333	18230	74108	130839	548976	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4872 1803792	23410	86747	187957	730094	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	8258 1770906	27559	96021	196661	743426	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	12267 4511424	58823	217228	475706	1897333	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4725 1794733	22956	89957	192940	739212	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBA	Ave	12238 4532818	59677	212386	502328	1914824	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5477 2520409	24801	111481	248300	1009443	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	12569 4279089	58918	215402	475657	1830117	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7941 3019994	38440	147128	321948	1228915	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	769 188710	4380	15647	37896	80739	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	4149 1619069	20049	81527	173763	651551	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	Ave	1197 727220	9665	37159	76867	301593	25.0 12500	125	500	1250	5000
Tert-butyl ethyl ether	FB	Ave	12700 4681424	60805	225689	502138	1992533	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	2990 +++++	11987	43687	93549	361819	1.00 +++++	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5407 1897524	25733	95205	205503	787550	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	QuaF	2920 833506	11321	39470	91598	350905	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	QuaF	899 294754	2718	10644	22859	126059	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2954 1191337	14848	52312	127188	493539	1.00 500	5.00	20.0	50.0	200
Propionitrile	FB	Ave	5376 1772282	24472	86718	201228	777733	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2639 919266	12688	46599	102157	389495	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	QuaF	1715 367219	5627	18187	42932	157658	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	15686 5079158	72277	260256	603614	2276704	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	8709 2829034	40447	148311	315726	1178283	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6960 2911320	30647	130318	286482	1158338	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	7651 2713837	34685	134476	289357	1108485	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6435 2616057	31030	125010	273525	1040196	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5965 2331073	28772	116001	254908	929199	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	6852 2866466	32652	131650	303838	1211743	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	17731 6149203	83001	308046	664757	2564914	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	14358 5296900	74755	276637	608084	2348562	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10375 3611353	52990	193141	409974	1613338	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5309 1942367	25638	93834	206560	804743	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	3698 1446094	14615	63111	143610	580188	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	20554 9410280	94662	429923	972772	3661130	2.00 1000	10.0	40.0	100	400

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butanol	TBA	Ave	3443 1235696	16081	61673	131218	525381	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	5235 1802240	23664	91027	197147	746466	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7730 3249946	34600	150566	332621	1324678	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	437 133604	1718	6235	14285	56988	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4202 1708708	20650	76790	169423	682622	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2211 847859	11125	39480	89736	363329	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	1082 332749	5005	17819	38429	141633	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	3179 1056177	14285	51468	114582	442629	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	4880 1817012	22647	83216	186082	761416	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	6257 2485404	29466	110361	244322	992589	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2154 695148	8912	30676	71647	288451	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2630 980023	11629	42843	99747	401307	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	BUT	Ave	6985 2659586	32711	119339	273706	1120666	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	7379 2809244	34001	127873	289333	1130531	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	16333 5833716	79034	294645	658648	2526517	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	20089 6662236	88669	335160	729195	2772651	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	6371 2374492	30400	111767	258155	958785	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	4968 1903776	24973	90050	202848	788462	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3509 1211118	15975	56105	125954	499256	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4791 1664256	23016	87230	188011	710705	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6485 2405371	29098	107025	240759	974383	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	BUT	Ave	11685 4022695	54433	201405	444289	1737688	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBZ	QuaF	1151 339510	3923	13675	27665	143849	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBZ	Ave	4817 1840029	23185	86955	193352	758665	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	4168 1544828	19463	71334	161243	637325	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	13464 4376715	60740	221526	484920	1856165	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	7110 2257187	32455	122483	264925	991764	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5094 1524616	22655	84241	181763	678992	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	8773 2918431	41046	150033	326086	1241540	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	4246 +++++	16044	56484	123734	497883	1.00 +++++	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	8423 2736695	40523	148874	322904	1205977	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	14421 4425735	64964	236702	509169	1949740	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	6001 2144015	28759	109117	231283	929373	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3516 1099474	15376	56788	121459	470784	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	21378 7498127	104663	398000	869841	3250911	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1543 603187	6741	28112	64319	238077	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	5787 1672693	26549	96276	202576	746930	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5222 1707856	24880	93831	199103	749464	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	25957 8505518	124353	466451	997587	3732953	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1743 468408	7500	27483	59106	207548	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1779 447777	6634	24643	53638	192424	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	23670 6767468	109524	405314	861414	3107602	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCB	Ave	17924 5402069	85878	311476	657630	2399883	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	18207 6322861	87607	326122	709852	2698770	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	17019 5098771	76757	276204	582837	2187090	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6263 1984845	29279	111591	231453	886198	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	15374 5492567	73236	281734	617794	2380811	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	19448 6333530	90999	335984	716903	2755930	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	23214 8267280	112079	429079	942373	3571114	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	20771 6671210	98750	368437	787243	3010394	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	11758 2944692	51580	183316	374531	1350400	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	11924 +++++	51562	181886	374261	1324618	1.00 +++++	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	2506 785076	11217	42092	89106	344808	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	19679 6422748	92742	359316	763324	2913215	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	14308 3996372	66040	243000	511236	1784166	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	10949 3498533	52972	192992	410045	1531649	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	11035 3103539	48878	180181	363317	1350331	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	19912 6632462	95278	353701	750575	2977804	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1426 451559	6369	24112	50448	193576	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9255 2415903	40539	144819	294875	1128666	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	4069 1124142	15690	57211	123124	495538	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	9013 2265946	37843	137898	274263	1054113	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3642 1138162	16840	62021	132604	518357	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 298728

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/14/2015 22:26 Calibration End Date: 05/15/2015 00:30 Calibration ID: 49955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Naphthalene	DCB	Ave	22223 6042651	91470	340092	697220	2691764	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	8156 2212208	35139	125979	252228	1004435	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	136544 119905	147608	137082	131828	131022	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	28632 24482	30979	28436	27730	27642	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	495148 473216	532941	494134	487664	496890	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	163152 141392	177332	160535	154837	154036	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-May-2015 22:26:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0027415-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:54:58 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: kluseys Date: 15-May-2015 02:07:42

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.632	1.614	0.018	68	2113	1.00	0.9030	
2	Dichlorodifluoromethane	85	1.651	1.650	0.001	95	5122	1.00	0.8998	
3	Chloromethane	50	1.815	1.809	0.006	99	4286	1.00	1.03	
4	Vinyl chloride	62	1.943	1.937	0.006	95	3616	1.00	0.8931	
5	Butadiene	54	1.937	1.943	-0.006	88	3651	1.00	1.03	
6	Bromomethane	94	2.278	2.272	0.006	97	3069	1.00	0.9669	
7	Chloroethane	64	2.364	2.376	-0.012	72	2564	1.00	0.9505	
8	Trichlorofluoromethane	101	2.602	2.589	0.013	81	6906	1.00	1.02	
9	Dichlorofluoromethane	67	2.595	2.595	0.000	95	7822	1.00	1.03	
10	Pentane	72	2.626	2.613	0.013	96	1753	2.00	2.31	
12	Ethyl ether	59	2.858	2.851	0.007	93	3183	1.00	1.15	
11	Ethanol	46	2.833	2.857	-0.024	66	916	40.0	52.5	
13	2-Methyl-1,3-butadiene	53	2.870	2.869	0.001	90	3432	1.00	1.09	
14	1,2-Dichloro-1,1,2-trifluo	117	2.937	2.930	0.007	72	3921	1.00	1.10	
15	Acrolein	56	3.065	3.052	0.013	96	12606	100.0	99.3	
16	1,1,2-Trichloro-1,2,2-trif	101	3.095	3.089	0.006	57	4087	1.00	0.9838	
17	1,1-Dichloroethene	96	3.095	3.095	0.000	95	3737	1.00	1.01	
18	Acetone	43	3.223	3.211	0.012	92	10157	5.00	13.6	
19	Iodomethane	142	3.278	3.266	0.012	99	8133	1.00	1.06	
20	Carbon disulfide	76	3.303	3.302	0.001	99	13290	1.00	1.02	
21	Isopropyl alcohol	45	3.345	3.333	0.012	24	3801	10.0	18.6	
22	3-Chloro-1-propene	76	3.486	3.479	0.007	86	2341	1.00	1.03	
23	Cyclopentene	67	3.498	3.497	0.001	93	10225	1.00	1.06	
24	Methyl acetate	43	3.510	3.504	0.006	98	15289	5.00	5.83	
25	Acetonitrile	41	3.577	3.571	0.006	41	2774	10.0	9.53	
26	Methylene Chloride	84	3.638	3.638	0.000	83	4872	1.00	1.14	
* 27	TBA-d9 (IS)	65	3.656	3.656	0.000	87	288185	1000.0	1000.0	
28	2-Methyl-2-propanol	59	3.742	3.741	0.001	92	8258	10.0	22.3	
29	Methyl tert-butyl ether	73	3.845	3.833	0.012	94	12267	1.00	1.14	
30	trans-1,2-Dichloroethene	96	3.870	3.857	0.013	94	4725	1.00	1.10	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.961	3.955	0.006	95	12238	10.0	12.2	
32 Hexane	57	4.059	4.052	0.007	90	5477	1.00	1.03	
33 Isopropyl ether	45	4.327	4.320	0.007	94	12569	1.00	1.18	
34 1,1-Dichloroethane	63	4.351	4.345	0.006	99	7941	1.00	1.11	
35 Vinyl acetate	86	4.370	4.375	-0.005	99	769	2.00	2.26	
36 2-Chloro-1,3-butadiene	88	4.406	4.400	0.006	90	4149	1.00	1.09	
38 Allyl alcohol	57	4.437	4.412	0.025	48	1197	25.0	20.0	M
37 Tert-butyl ethyl ether	59	4.717	4.705	0.013	90	12700	1.00	1.13	
* 157 2-Butanone-d5	46	4.949	4.942	0.007	99	189363	250.0	250.0	
39 2,2-Dichloropropane	79	4.967	4.954	0.013	45	2990	1.00	1.28	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	98	5407	1.00	1.16	
41 2-Butanone (MEK)	72	5.016	5.009	0.007	99	2920	5.00	8.06	
57 Ethyl acetate	70	5.028	5.028	0.000	94	899	2.00	2.88	M
42 Methyl acrylate	55	5.083	5.076	0.007	88	2954	1.00	1.08	
43 Propionitrile	54	5.180	5.168	0.012	98	5376	10.0	12.0	
44 Chlorobromomethane	128	5.254	5.253	0.001	74	2639	1.00	1.15	
45 Tetrahydrofuran	72	5.260	5.259	0.001	59	1715	2.00	4.15	
46 Methacrylonitrile	67	5.296	5.290	0.006	89	15686	10.0	11.9	
47 Chloroform	83	5.327	5.326	0.001	98	8709	1.00	1.21	
48 Cyclohexane	56	5.467	5.467	0.000	83	6960	1.00	1.10	
49 1,1,1-Trichloroethane	97	5.497	5.491	0.006	74	7651	1.00	1.17	
$ 50 Dibromofluoromethane (Surr	113	5.516	5.515	0.001	96	136544	50.0	49.5	
51 Carbon tetrachloride	117	5.644	5.637	0.007	88	6435	1.00	1.08	
52 1,1-Dichloropropene	75	5.668	5.674	-0.006	96	5965	1.00	1.09	
53 Isobutyl alcohol	43	5.875	5.869	0.006	57	6852	25.0	28.6	
54 Benzene	78	5.912	5.912	0.000	95	17731	1.00	1.13	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	98	28632	50.0	49.7	
56 Tert-amyl methyl ether	73	6.009	6.009	0.000	86	14358	1.00	1.08	
58 Isopropyl acetate	43	6.022	6.015	0.007	92	10375	1.00	1.12	
59 1,2-Dichloroethane	62	6.034	6.034	0.000	96	5309	1.00	1.14	
60 n-Heptane	57	6.125	6.119	0.006	84	3698	1.00	1.17	
* 61 Fluorobenzene	96	6.272	6.271	0.001	99	476043	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.540	6.540	0.000	94	20554	2.00	2.04	
63 n-Butanol	56	6.686	6.680	0.006	83	3443	25.0	31.1	
64 Trichloroethene	95	6.704	6.704	0.000	98	5235	1.00	1.18	
65 Methylcyclohexane	83	6.851	6.844	0.007	95	7730	1.00	1.08	
66 Ethyl acrylate	73	6.875	6.875	0.000	98	437	1.00	1.32	M
67 1,2-Dichloropropane	63	7.034	7.033	0.001	90	4202	1.00	1.10	
* 68 1,4-Dioxane-d8	96	7.113	7.119	-0.006	86	23936	1000.0	1000.0	
69 Methyl methacrylate	100	7.137	7.137	0.000	82	2211	2.00	2.20	
71 1,4-Dioxane	88	7.168	7.167	0.001	35	1082	20.0	30.0	
70 Dibromomethane	93	7.168	7.167	0.001	95	3179	1.00	1.22	
72 n-Propyl acetate	43	7.204	7.198	0.006	96	4880	1.00	1.15	
73 Dichlorobromomethane	83	7.332	7.332	0.000	98	6257	1.00	1.12	
74 2-Nitropropane	41	7.662	7.655	0.007	81	2154	2.00	2.58	
75 2-Chloroethyl vinyl ether	63	7.668	7.661	0.007	79	2630	1.00	1.18	
76 Epichlorohydrin	57	7.753	7.753	0.000	99	6985	20.0	23.7	
77 cis-1,3-Dichloropropene	75	7.802	7.801	0.001	89	7379	1.00	1.10	
78 4-Methyl-2-pentanone (MIBK	43	7.954	7.954	0.000	95	16333	5.00	5.91	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	99	495148	50.0	46.6	
80 Toluene	91	8.076	8.076	0.000	93	20089	1.00	1.18	
81 trans-1,3-Dichloropropene	75	8.363	8.356	0.007	94	6371	1.00	1.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	86	4968	1.00	1.10	
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	96	3509	1.00	1.17	
84 Tetrachloroethene	166	8.558	8.551	0.007	93	4791	1.00	1.11	
85 1,3-Dichloropropane	76	8.680	8.679	0.001	90	6485	1.00	1.14	
86 2-Hexanone	43	8.722	8.722	0.000	94	11685	5.00	6.12	
87 n-Butyl acetate	73	8.802	8.801	0.001	96	1151	1.00	1.38	
88 Chlorodibromomethane	129	8.844	8.844	0.000	96	4817	1.00	1.08	
89 Ethylene Dibromide	107	8.954	8.954	0.000	98	4168	1.00	1.11	
* 90 Chlorobenzene-d5	117	9.314	9.313	0.001	85	430297	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	98	13464	1.00	1.18	
92 Ethylbenzene	106	9.399	9.399	0.000	97	7110	1.00	1.16	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	5094	1.00	1.20	
94 m-Xylene & p-Xylene	106	9.497	9.496	0.001	100	8773	1.00	1.15	
95 n-Butyl acrylate	73	9.783	9.783	0.000	99	4246	1.00	1.32	
96 o-Xylene	106	9.814	9.813	0.001	94	8423	1.00	1.13	
97 Styrene	104	9.832	9.838	-0.006	95	14421	1.00	1.20	
98 Amyl acetate (mixed isomer	43	9.954	9.953	0.001	93	6001	1.00	1.07	
99 Bromoform	173	10.003	10.002	0.001	94	3516	1.00	1.21	
100 Isopropylbenzene	105	10.082	10.088	-0.006	95	21378	1.00	1.09	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	88	163152	50.0	46.7	
104 Camphene	41	10.259	10.258	0.001	56	1543	1.00	1.09	
102 Bromobenzene	156	10.350	10.356	-0.006	98	5787	1.00	1.18	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	98	5222	1.00	1.10	
105 N-Propylbenzene	91	10.393	10.392	0.001	100	25957	1.00	1.10	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	96	1743	1.00	1.23	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	76	1779	1.00	1.35	
108 4-Ethyltoluene	105	10.478	10.478	0.000	98	23670	1.00	1.16	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	17924	1.00	1.14	
110 1,3,5-Trimethylbenzene	105	10.521	10.527	-0.006	92	18207	1.00	1.08	
111 4-Chlorotoluene	91	10.570	10.569	0.001	97	17019	1.00	1.18	
112 Butyl Methacrylate	87	10.576	10.581	-0.005	86	6263	1.00	1.12	
113 tert-Butylbenzene	119	10.752	10.752	0.000	93	15374	1.00	1.06	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	97	19448	1.00	1.12	
115 sec-Butylbenzene	105	10.911	10.911	0.000	99	23214	1.00	1.06	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	97	20771	1.00	1.10	
117 1,3-Dichlorobenzene	146	11.027	11.026	0.001	96	11758	1.00	1.26	
* 118 1,4-Dichlorobenzene-d4	152	11.082	11.081	0.001	96	233500	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	95	11924	1.00	1.22	
120 Benzyl chloride	126	11.197	11.197	0.000	99	2506	1.00	1.15	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	19679	1.00	1.16	
122 p-Diethylbenzene	119	11.277	11.282	-0.005	92	14308	1.00	1.18	
123 n-Butylbenzene	92	11.301	11.301	0.000	97	10949	1.00	1.11	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	95	11035	1.00	1.21	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	19912	1.00	1.09	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	89	1426	1.00	1.15	
127 1,3,5-Trichlorobenzene	180	12.112	12.112	0.000	96	9255	1.00	1.24	
128 Camphor	95	12.618	12.624	-0.006	87	4069	5.00	6.48	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	94	9013	1.00	1.28	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	89	3642	1.00	1.13	
131 Naphthalene	128	12.990	12.989	0.001	99	22223	1.00	1.26	
132 1,2,3-Trichlorobenzene	180	13.264	13.264	0.000	96	8156	1.00	1.25	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.27	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		2.00	2.28	
S 135 Total BTEX	1				0		5.00	5.75	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
GASES Li_00102	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00021	Amount Added:	1.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent

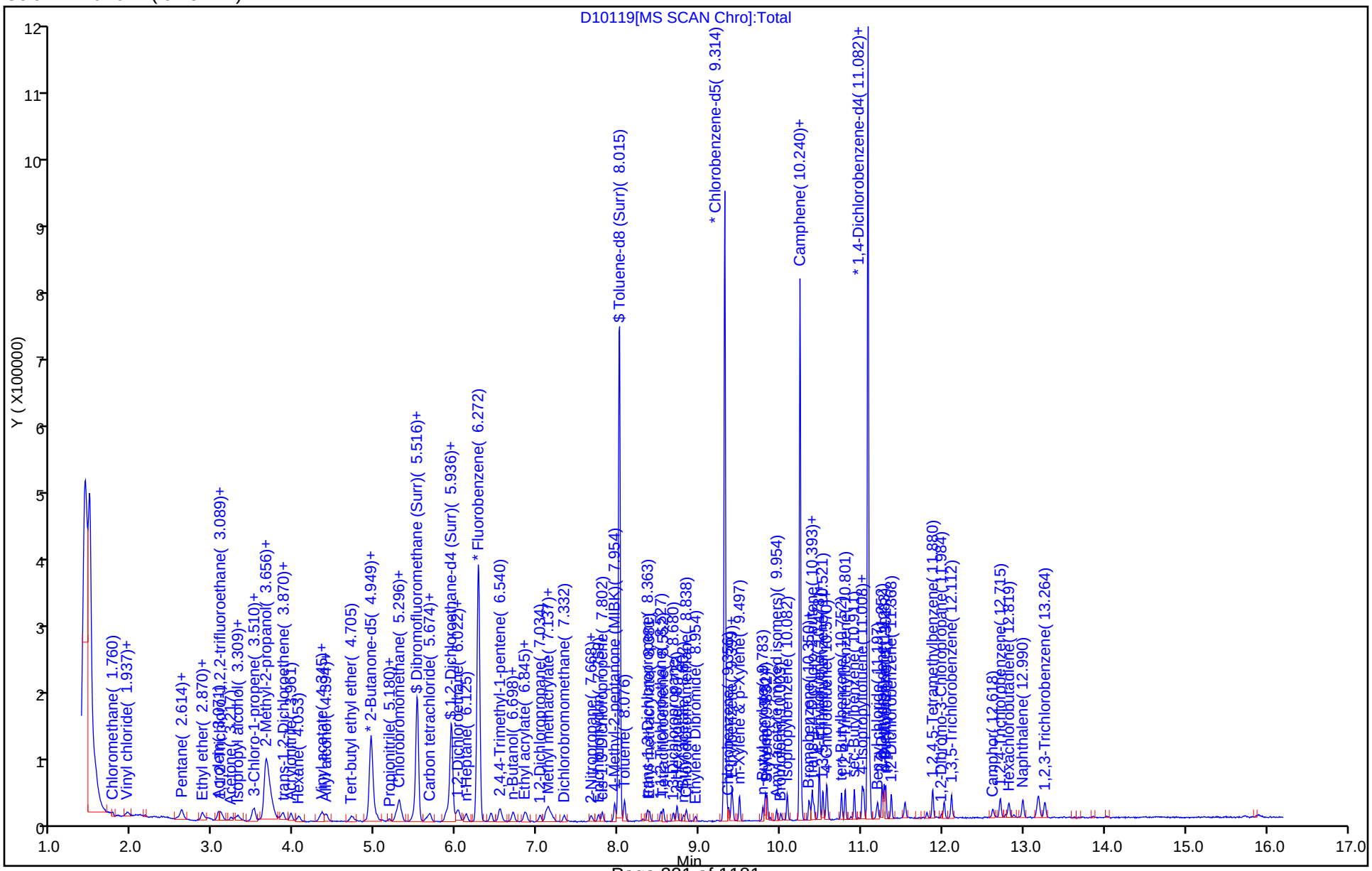
Report Date: 15-May-2015 08:54:59 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D

Injection Date:	14-May-2015 22:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

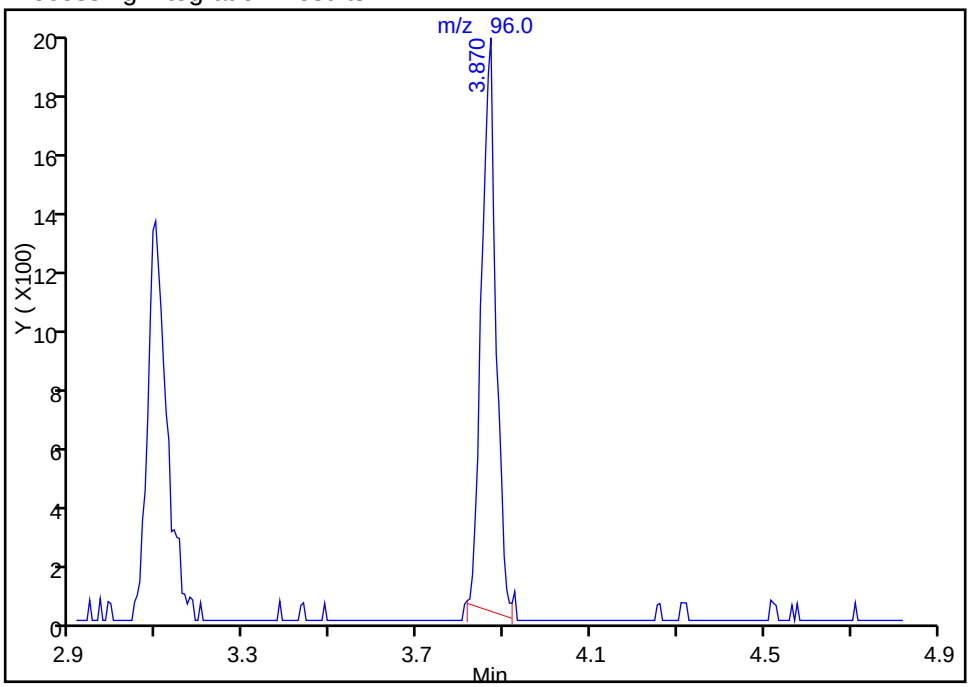
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D
Injection Date: 14-May-2015 22:26:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5

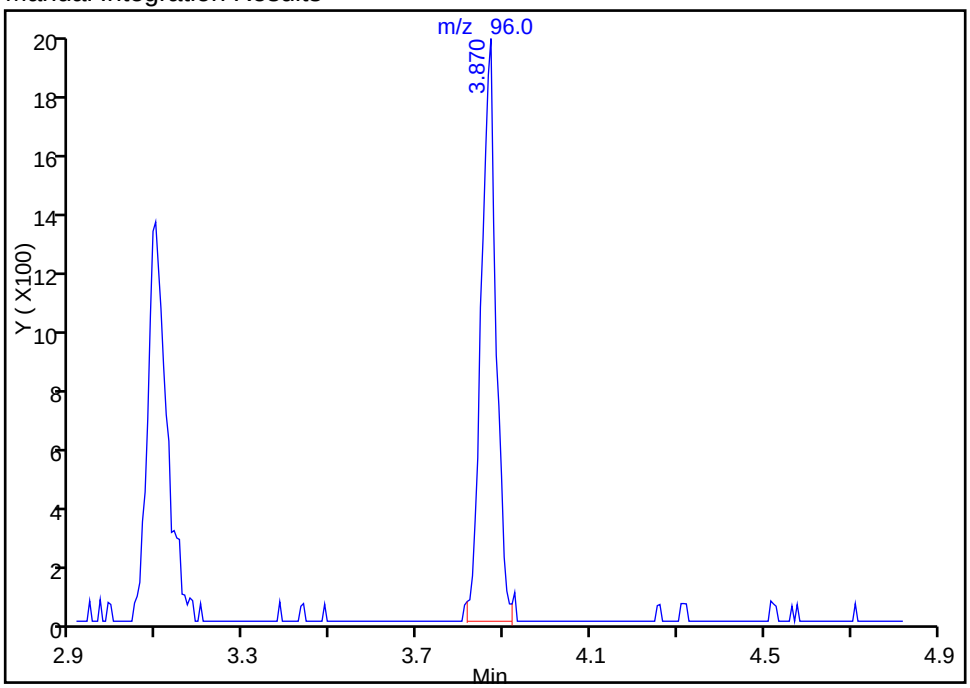
Processing Integration Results

RT: 3.87
Area: 4511
Amount: 1.063593
Amount Units: ug/l



Manual Integration Results

RT: 3.87
Area: 4725
Amount: 1.104759
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:24:24
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

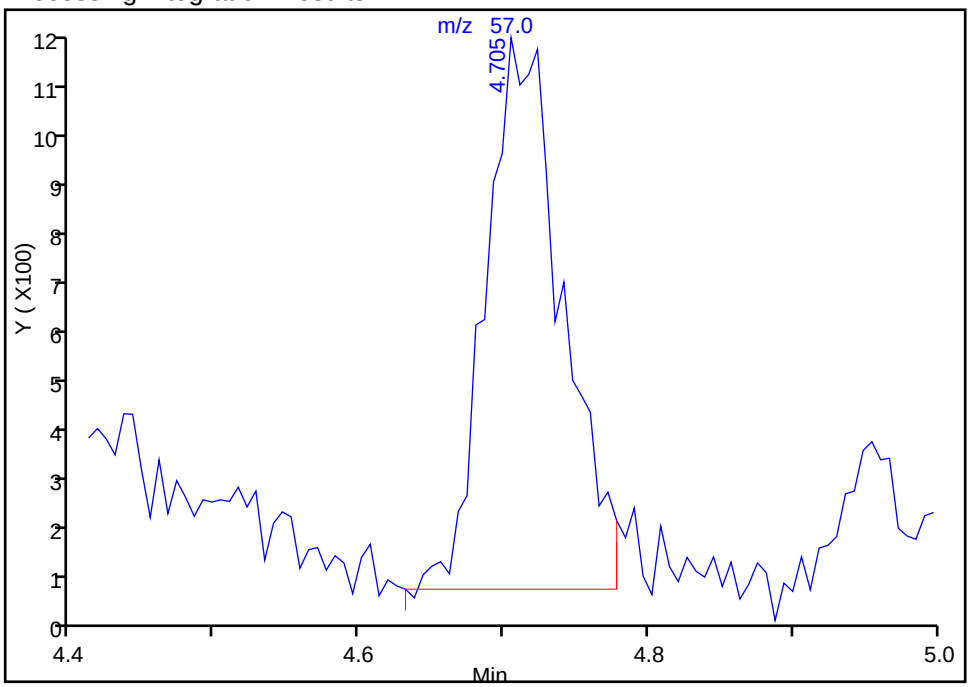
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D
Injection Date: 14-May-2015 22:26:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Allyl alcohol, CAS: 107-18-6

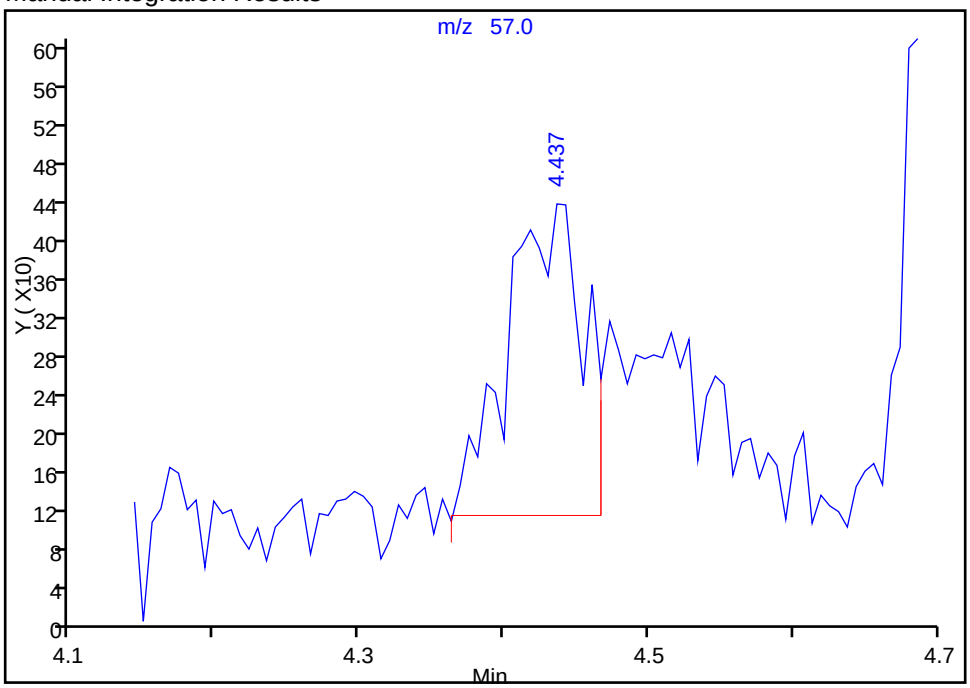
Processing Integration Results

RT: 4.70
Area: 3704
Amount: 62.311435
Amount Units: ug/l



Manual Integration Results

RT: 4.44
Area: 1197
Amount: 20.035210
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:24:24
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

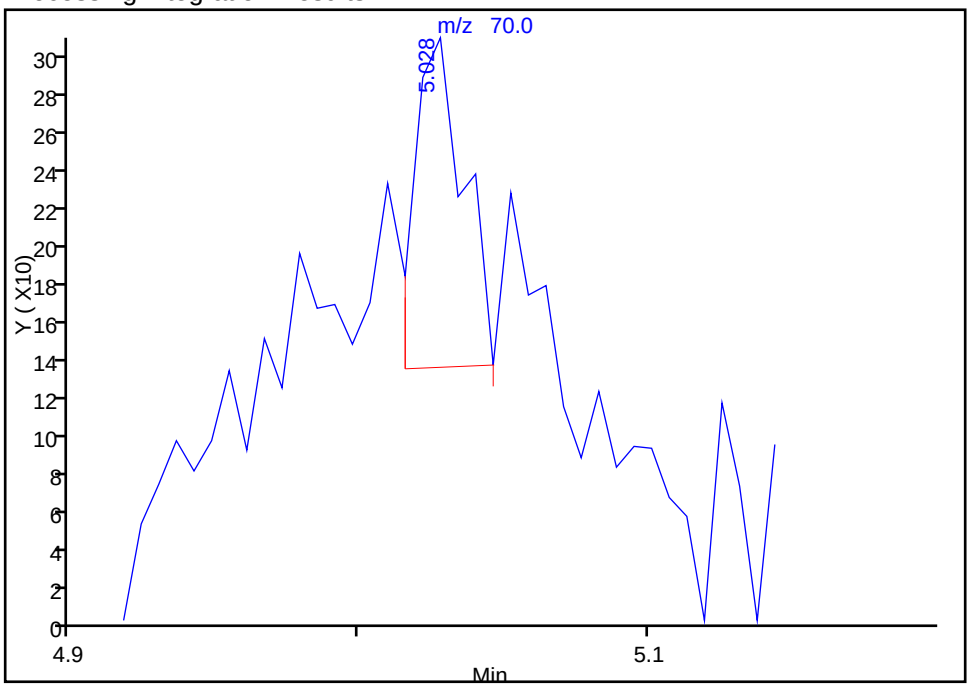
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D
Injection Date: 14-May-2015 22:26:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

57 Ethyl acetate, CAS: 141-78-6

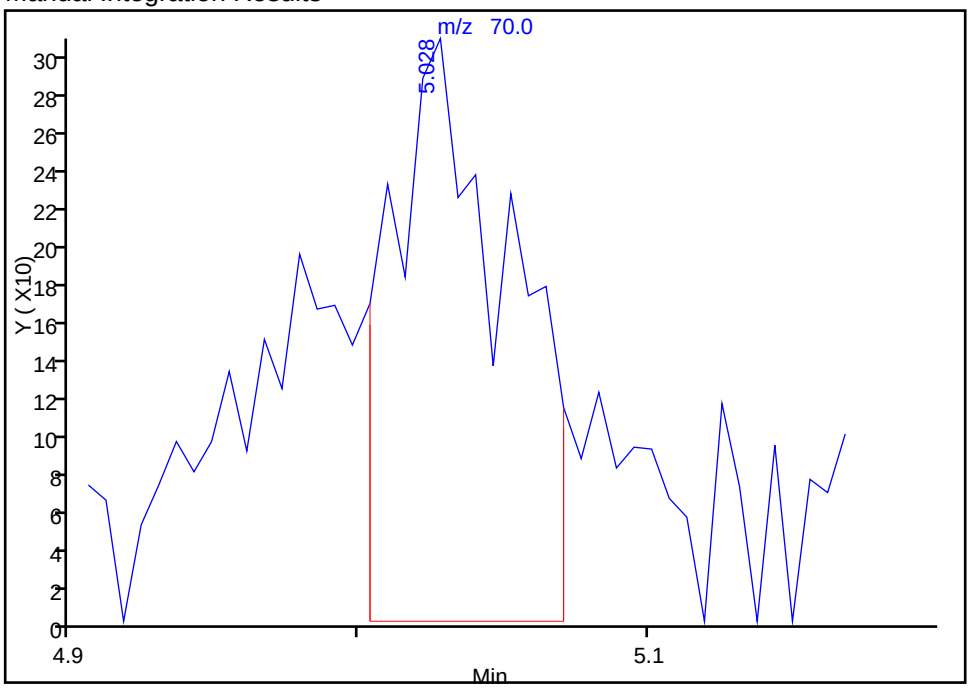
Processing Integration Results

RT: 5.03
Area: 208
Amount: 0.762826
Amount Units: ug/l



Manual Integration Results

RT: 5.03
Area: 899
Amount: 2.879778
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:24:24
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

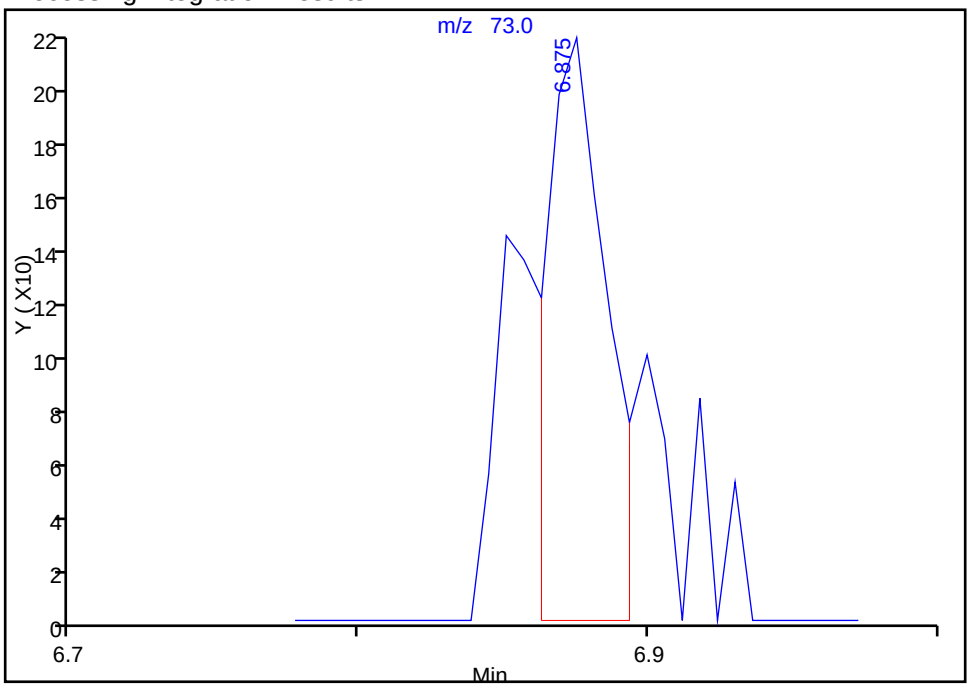
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10119.D
Injection Date: 14-May-2015 22:26:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

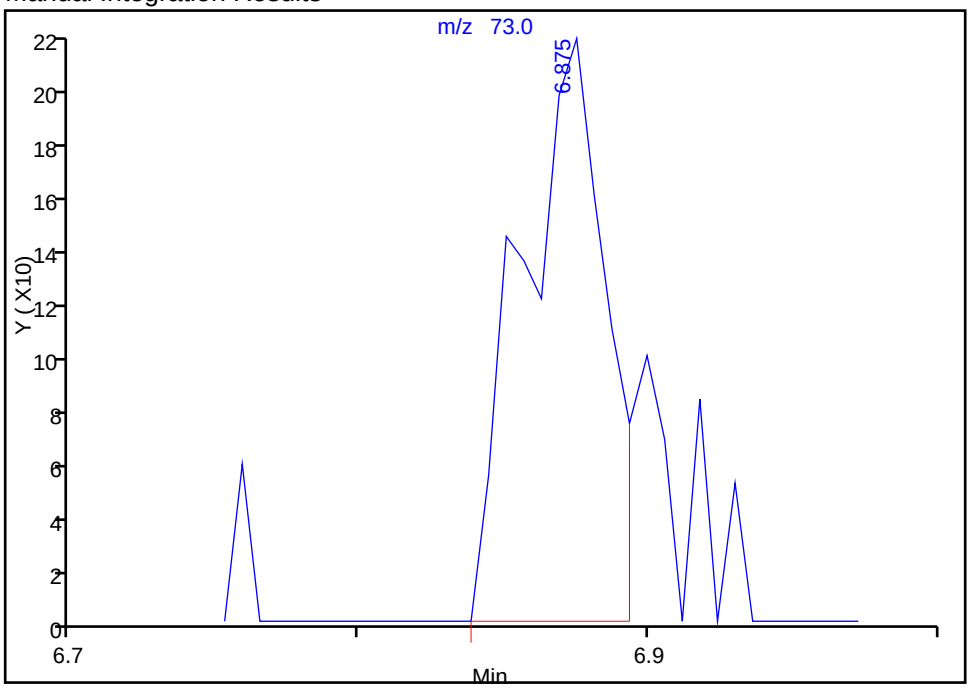
Processing Integration Results

RT: 6.88
Area: 317
Amount: 1.020842
Amount Units: ug/l



Manual Integration Results

RT: 6.88
Area: 437
Amount: 1.322127
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:24:24
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10120.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-May-2015 22:51:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0027415-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:55:03 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: kluseys Date: 15-May-2015 02:14:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.632	1.614	0.018	47	10647	5.00	4.84	
2 Dichlorodifluoromethane	85	1.650	1.650	0.000	98	26039	5.00	4.86	
3 Chloromethane	50	1.815	1.809	0.006	99	21291	5.00	5.44	
4 Vinyl chloride	62	1.943	1.937	0.006	97	19843	5.00	5.21	
5 Butadiene	54	1.949	1.943	0.006	83	16831	5.00	5.03	
6 Bromomethane	94	2.278	2.272	0.006	98	15494	5.00	5.19	
7 Chloroethane	64	2.382	2.376	0.006	99	14110	5.00	5.56	
8 Trichlorofluoromethane	101	2.607	2.589	0.018	96	31808	5.00	4.98	M
9 Dichlorofluoromethane	67	2.601	2.595	0.006	98	39085	5.00	5.48	
10 Pentane	72	2.620	2.613	0.007	98	7072	10.0	9.89	
12 Ethyl ether	59	2.857	2.851	0.006	91	14658	5.00	5.63	
11 Ethanol	46	2.839	2.857	-0.018	88	3812	200.0	202.8	
13 2-Methyl-1,3-butadiene	53	2.882	2.869	0.013	95	15695	5.00	5.30	
14 1,2-Dichloro-1,1,2-trifluo	117	2.924	2.930	-0.006	79	18334	5.00	5.45	
15 Acrolein	56	3.065	3.052	0.013	94	29472	200.0	215.6	
16 1,1,2-Trichloro-1,2,2-trif	101	3.095	3.089	0.006	89	20041	5.00	5.13	
17 1,1-Dichloroethene	96	3.095	3.095	0.000	98	19285	5.00	5.53	
18 Acetone	43	3.217	3.211	0.006	87	26937	25.0	35.8	
19 Iodomethane	142	3.272	3.266	0.006	98	41133	5.00	5.71	
20 Carbon disulfide	76	3.308	3.302	0.006	98	66597	5.00	5.43	
21 Isopropyl alcohol	45	3.345	3.333	0.012	99	14557	50.0	66.3	
22 3-Chloro-1-propene	76	3.485	3.479	0.006	90	12124	5.00	5.65	
23 Cyclopentene	67	3.504	3.497	0.007	89	47672	5.00	5.27	
24 Methyl acetate	43	3.510	3.504	0.006	98	73237	25.0	29.7	
25 Acetonitrile	41	3.583	3.571	0.012	95	18230	50.0	58.2	M
26 Methylene Chloride	84	3.638	3.638	0.000	87	23410	5.00	5.83	
* 27 TBA-d9 (IS)	65	3.656	3.656	0.000	87	310354	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.735	3.741	-0.006	91	27559	50.0	69.0	
29 Methyl tert-butyl ether	73	3.839	3.833	0.006	95	58823	5.00	5.80	
30 trans-1,2-Dichloroethene	96	3.863	3.857	0.006	93	22956	5.00	5.71	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.961	3.955	0.006	94	59677	50.0	55.2	
32 Hexane	57	4.058	4.052	0.006	90	24801	5.00	4.96	
33 Isopropyl ether	45	4.333	4.320	0.013	91	58918	5.00	5.86	
34 1,1-Dichloroethane	63	4.351	4.345	0.006	99	38440	5.00	5.73	
35 Vinyl acetate	86	4.381	4.375	0.006	99	4380	10.0	13.7	
36 2-Chloro-1,3-butadiene	88	4.406	4.400	0.006	89	20049	5.00	5.60	
38 Allyl alcohol	57	4.412	4.412	0.000	40	9665	125.0	150.2	
37 Tert-butyl ethyl ether	59	4.711	4.705	0.007	89	60805	5.00	5.76	
* 157 2-Butanone-d5	46	4.942	4.942	0.000	99	191256	250.0	250.0	
39 2,2-Dichloropropane	79	4.961	4.954	0.007	54	11987	5.00	5.48	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	98	25733	5.00	5.88	
41 2-Butanone (MEK)	72	5.022	5.009	0.013	98	11321	25.0	31.0	M
57 Ethyl acetate	70	5.028	5.028	0.000	95	2718	10.0	8.62	
42 Methyl acrylate	55	5.076	5.076	0.000	98	14848	5.00	5.78	
43 Propionitrile	54	5.174	5.168	0.006	98	24472	50.0	58.2	
44 Chlorobromomethane	128	5.259	5.253	0.006	77	12688	5.00	5.90	
45 Tetrahydrofuran	72	5.265	5.259	0.006	75	5627	10.0	13.5	
46 Methacrylonitrile	67	5.296	5.290	0.006	89	72277	50.0	58.4	
47 Chloroform	83	5.326	5.326	0.000	99	40447	5.00	5.96	
48 Cyclohexane	56	5.473	5.467	0.006	87	30647	5.00	5.15	
49 1,1,1-Trichloroethane	97	5.497	5.491	0.006	97	34685	5.00	5.65	
$ 50 Dibromofluoromethane (Surr	113	5.521	5.515	0.006	96	147608	50.0	56.9	
51 Carbon tetrachloride	117	5.643	5.637	0.006	97	31030	5.00	5.53	
52 1,1-Dichloropropene	75	5.680	5.674	0.006	98	28772	5.00	5.59	
53 Isobutyl alcohol	43	5.881	5.869	0.012	30	32652	125.0	126.7	
54 Benzene	78	5.918	5.912	0.006	94	83001	5.00	5.70	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	98	30979	50.0	57.1	
56 Tert-amyl methyl ether	73	6.015	6.009	0.006	84	74755	5.00	5.97	
58 Isopropyl acetate	43	6.015	6.015	0.000	93	52990	5.00	6.07	
59 1,2-Dichloroethane	62	6.034	6.034	0.000	97	25638	5.00	5.85	
60 n-Heptane	57	6.125	6.119	0.006	87	14615	5.00	4.92	
* 61 Fluorobenzene	96	6.271	6.271	0.000	99	447839	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.540	6.540	0.000	95	94662	10.0	10.0	
63 n-Butanol	56	6.680	6.680	0.000	84	16081	125.0	135.1	
64 Trichloroethene	95	6.704	6.704	0.000	98	23664	5.00	5.69	
65 Methylcyclohexane	83	6.850	6.844	0.006	93	34600	5.00	5.12	
66 Ethyl acrylate	73	6.869	6.875	-0.006	98	1718	5.00	5.53	
67 1,2-Dichloropropane	63	7.039	7.033	0.006	92	20650	5.00	5.72	
* 68 1,4-Dioxane-d8	96	7.106	7.119	-0.013	86	26141	1000.0	1000.0	
69 Methyl methacrylate	100	7.137	7.137	0.000	83	11125	10.0	11.8	
71 1,4-Dioxane	88	7.186	7.167	0.019	32	5005	100.0	127.7	
70 Dibromomethane	93	7.174	7.167	0.007	97	14285	5.00	5.82	
72 n-Propyl acetate	43	7.198	7.198	0.000	97	22647	5.00	5.68	
73 Dichlorobromomethane	83	7.332	7.332	0.000	98	29466	5.00	5.63	
74 2-Nitropropane	41	7.655	7.655	0.000	83	8912	10.0	11.4	
75 2-Chloroethyl vinyl ether	63	7.667	7.661	0.006	81	11629	5.00	5.53	
76 Epichlorohydrin	57	7.759	7.753	0.006	99	32711	100.0	110.1	
77 cis-1,3-Dichloropropene	75	7.801	7.801	0.000	89	34001	5.00	5.47	
78 4-Methyl-2-pentanone (MIBK	43	7.954	7.954	0.000	95	79034	25.0	28.3	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	99	532941	50.0	53.9	
80 Toluene	91	8.076	8.076	0.000	94	88669	5.00	5.58	
81 trans-1,3-Dichloropropene	75	8.362	8.356	0.006	95	30400	5.00	5.62	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	87	24973	5.00	5.89	
83 1,1,2-Trichloroethane	83	8.527	8.521	0.006	96	15975	5.00	5.71	
84 Tetrachloroethene	166	8.557	8.551	0.006	94	23016	5.00	5.71	
85 1,3-Dichloropropane	76	8.679	8.679	0.000	89	29098	5.00	5.48	
86 2-Hexanone	43	8.722	8.722	0.000	93	54433	25.0	28.2	
87 n-Butyl acetate	73	8.801	8.801	0.000	96	3923	5.00	5.05	
88 Chlorodibromomethane	129	8.844	8.844	0.000	97	23185	5.00	5.58	
89 Ethylene Dibromide	107	8.954	8.954	0.000	99	19463	5.00	5.57	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	400376	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	96	60740	5.00	5.71	
92 Ethylbenzene	106	9.399	9.399	0.000	98	32455	5.00	5.70	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	95	22655	5.00	5.74	
94 m-Xylene & p-Xylene	106	9.496	9.496	0.000	100	41046	5.00	5.78	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	16044	5.00	5.35	
96 o-Xylene	106	9.813	9.813	0.000	94	40523	5.00	5.85	
97 Styrene	104	9.838	9.838	0.000	96	64964	5.00	5.79	
98 Amyl acetate (mixed isomer	43	9.953	9.953	0.000	92	28759	5.00	5.48	
99 Bromoform	173	10.002	10.002	0.000	95	15376	5.00	5.68	
100 Isopropylbenzene	105	10.088	10.088	0.000	95	104663	5.00	5.72	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	88	177332	50.0	54.4	
104 Camphene	41	10.258	10.258	0.000	93	6741	5.00	5.11	
102 Bromobenzene	156	10.356	10.356	0.000	96	26549	5.00	5.78	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	98	24880	5.00	5.61	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	124353	5.00	5.63	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	98	7500	5.00	5.69	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	93	6634	5.00	5.39	
108 4-Ethyltoluene	105	10.478	10.478	0.000	99	109524	5.00	5.75	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	85878	5.00	5.83	
110 1,3,5-Trimethylbenzene	105	10.527	10.527	0.000	93	87607	5.00	5.57	
111 4-Chlorotoluene	91	10.569	10.569	0.000	97	76757	5.00	5.72	
112 Butyl Methacrylate	87	10.581	10.581	0.000	85	29279	5.00	5.60	
113 tert-Butylbenzene	119	10.752	10.752	0.000	94	73236	5.00	5.41	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	97	90999	5.00	5.61	
115 sec-Butylbenzene	105	10.911	10.911	0.000	99	112079	5.00	5.46	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	98	98750	5.00	5.63	
117 1,3-Dichlorobenzene	146	11.026	11.026	0.000	96	51580	5.00	5.93	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	96	217919	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	96	51562	5.00	5.64	
120 Benzyl chloride	126	11.197	11.197	0.000	99	11217	5.00	5.53	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	93	92742	5.00	5.82	
122 p-Diethylbenzene	119	11.282	11.282	0.000	92	66040	5.00	5.83	
123 n-Butylbenzene	92	11.301	11.301	0.000	98	52972	5.00	5.76	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	96	48878	5.00	5.76	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	95278	5.00	5.60	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	93	6369	5.00	5.52	
127 1,3,5-Trichlorobenzene	180	12.112	12.112	0.000	97	40539	5.00	5.84	
128 Camphor	95	12.624	12.624	0.000	89	15690	25.0	26.8	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	95	37843	5.00	5.76	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	92	16840	5.00	5.61	
131 Naphthalene	128	12.989	12.989	0.000	99	91470	5.00	5.56	
132 1,2,3-Trichlorobenzene	180	13.264	13.264	0.000	96	35139	5.00	5.76	
S 133 1,2-Dichloroethene, Total	100				0		10.0	11.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		10.0	11.6	
S 135 Total BTEX	1				0		25.0	28.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	2.00	Units: uL		
GASES Li_00102	Amount Added:	0.50	Units: uL		
8260MIX1COMB_00021	Amount Added:	0.50	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent	

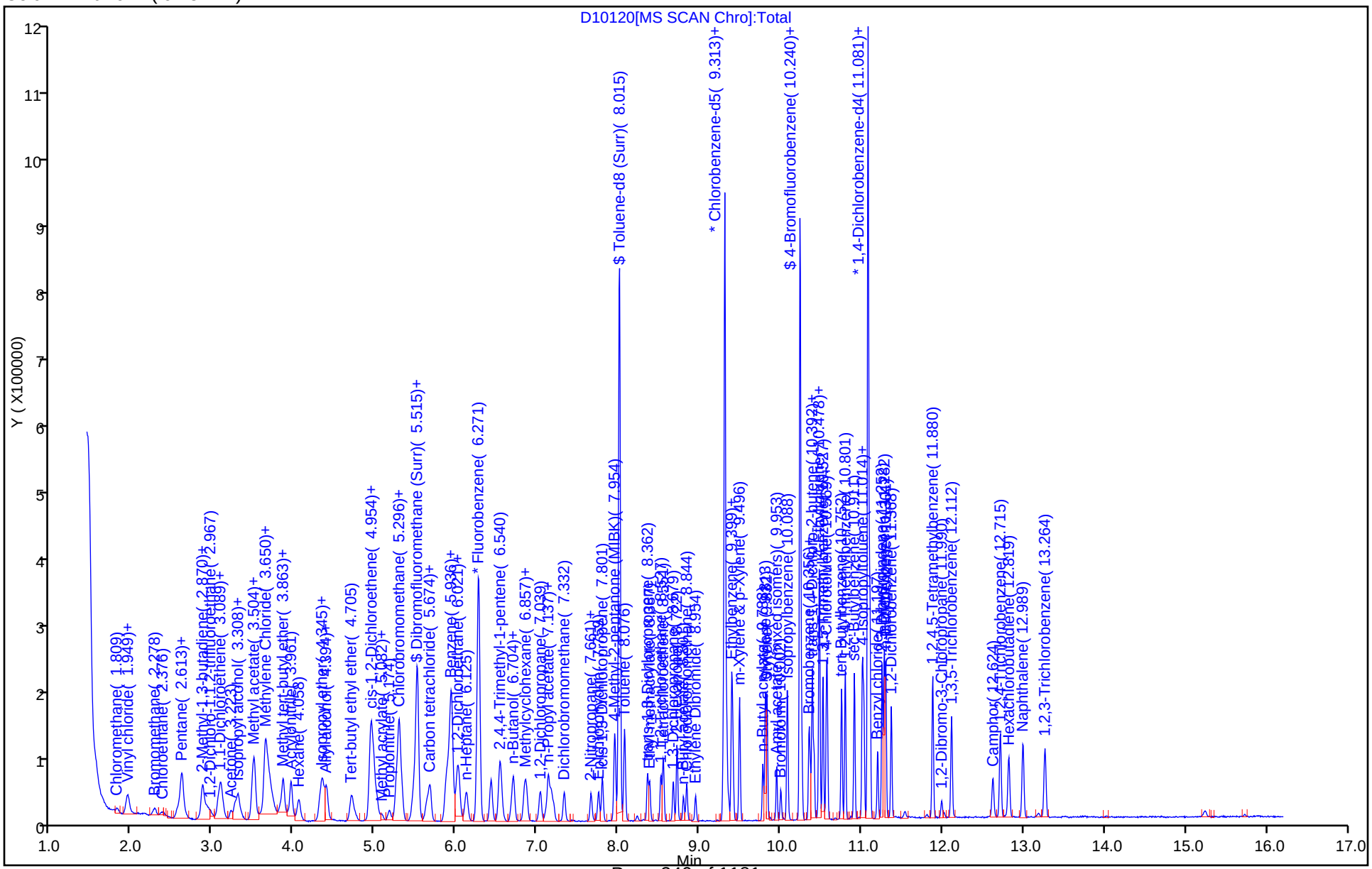
Report Date: 15-May-2015 08:55:04 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10120.D

Injection Date:	14-May-2015 22:51:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

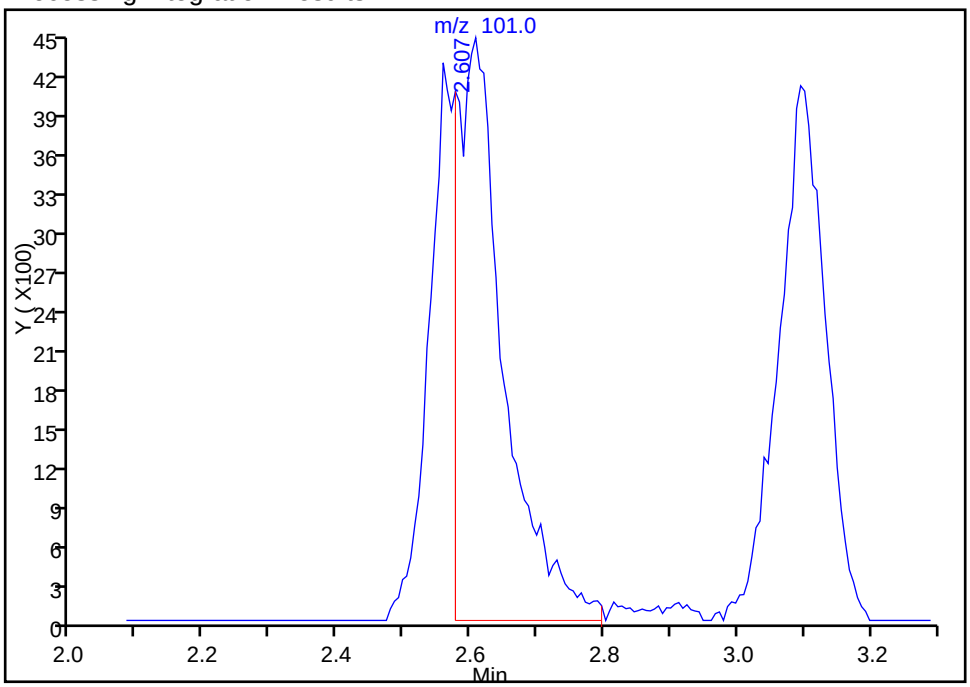
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10120.D
Injection Date: 14-May-2015 22:51:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

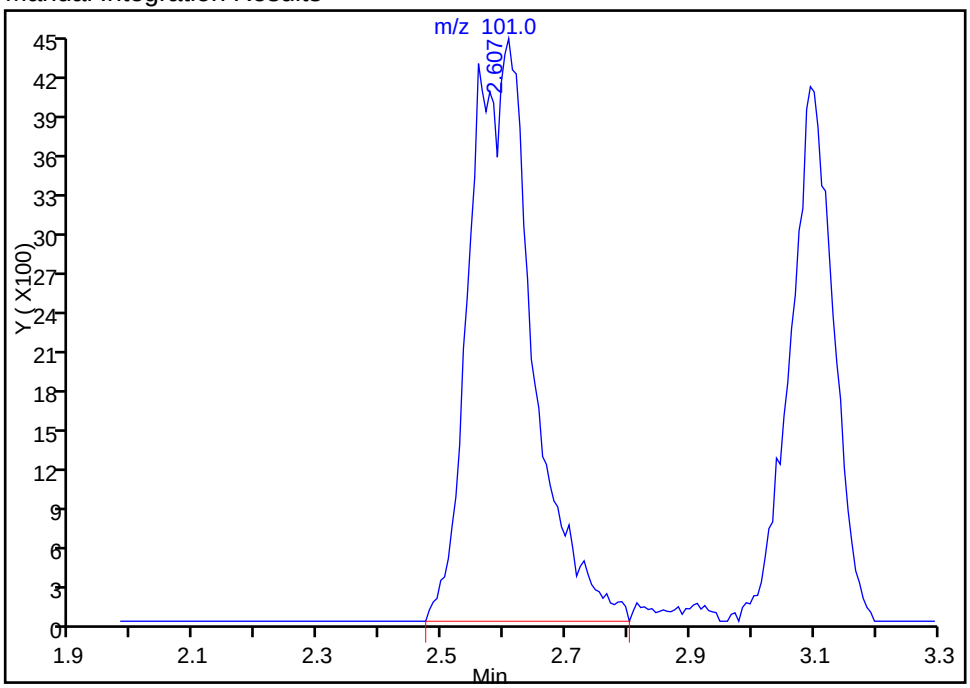
Processing Integration Results

RT: 2.61
Area: 21656
Amount: 3.352251
Amount Units: ug/l



Manual Integration Results

RT: 2.61
Area: 31808
Amount: 4.979532
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:26:12
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

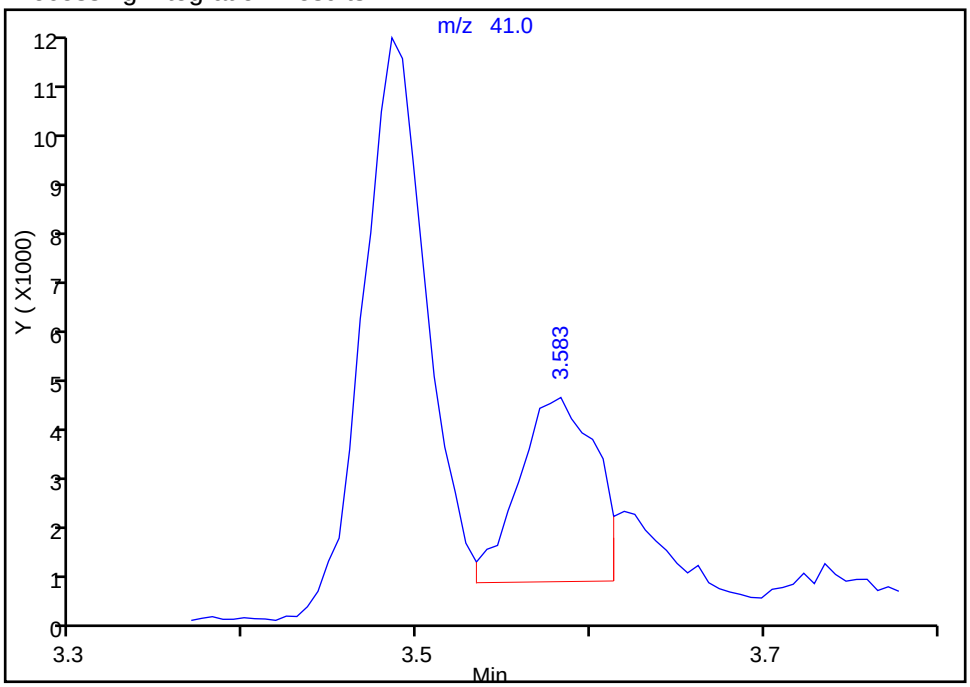
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10120.D
Injection Date: 14-May-2015 22:51:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

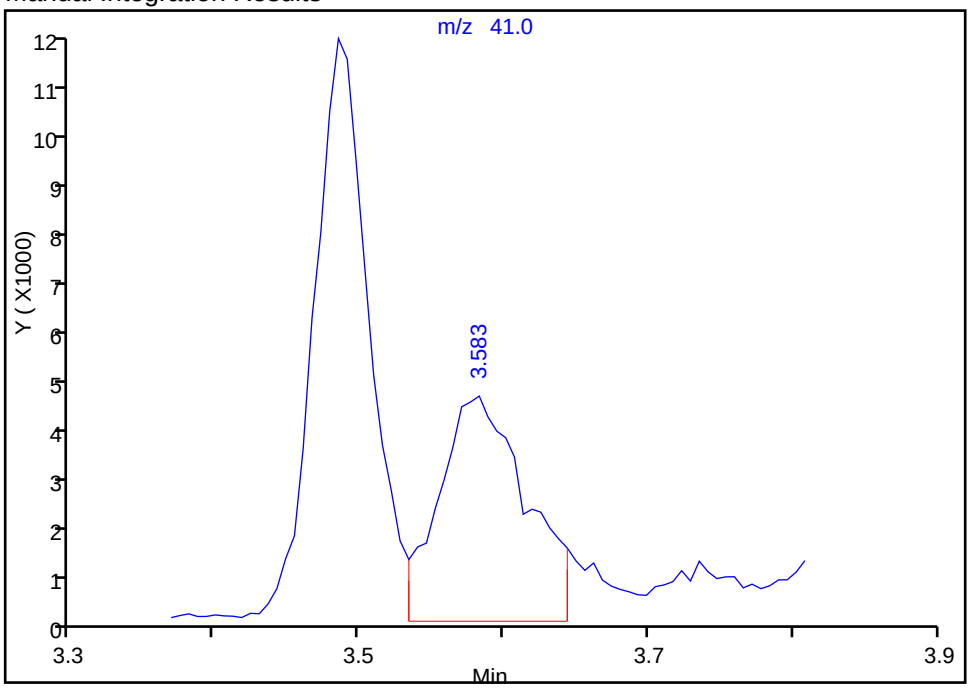
Processing Integration Results

RT: 3.58
Area: 10868
Amount: 40.647822
Amount Units: ug/l



Manual Integration Results

RT: 3.58
Area: 18230
Amount: 58.166366
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:36:51
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

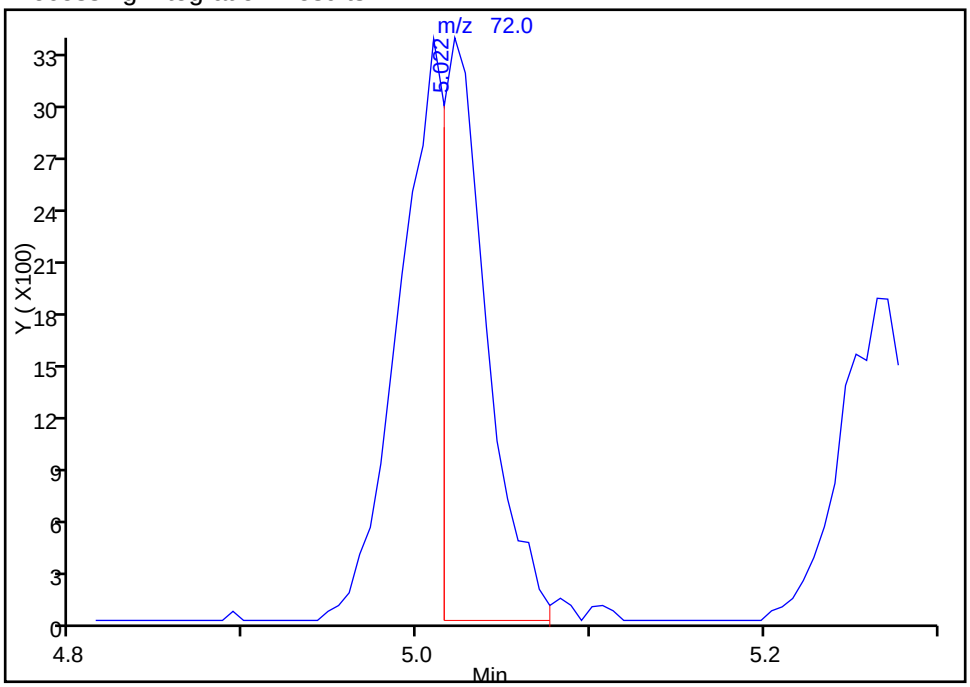
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10120.D
Injection Date: 14-May-2015 22:51:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

41 2-Butanone (MEK), CAS: 78-93-3

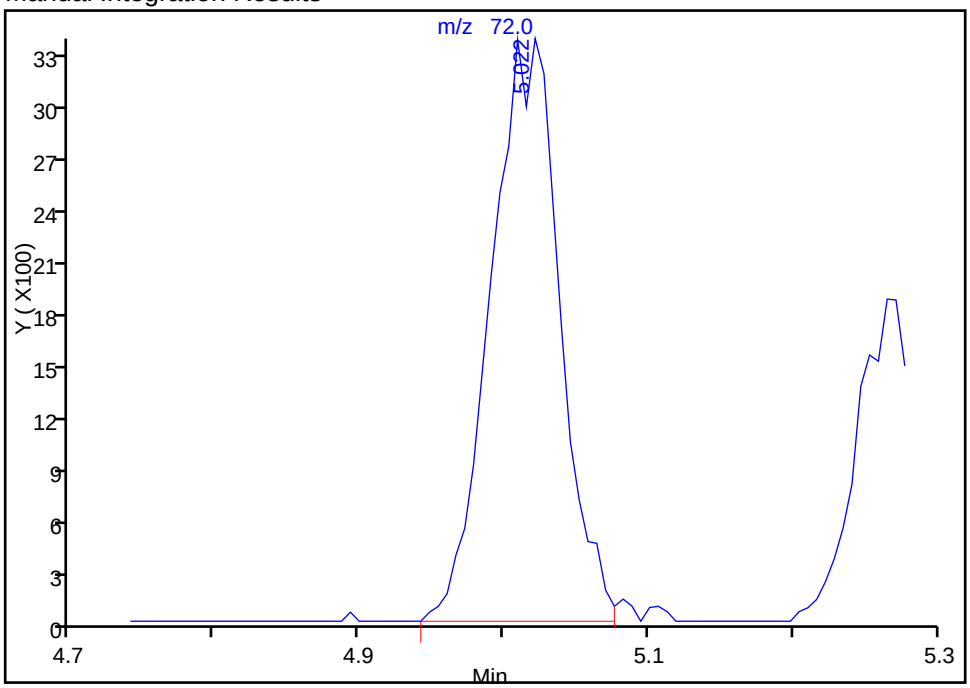
Processing Integration Results

RT: 5.02
Area: 6102
Amount: 16.362170
Amount Units: ug/l



Manual Integration Results

RT: 5.02
Area: 11321
Amount: 30.985381
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:26:12
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10121.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 14-May-2015 23:16:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0027415-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:55:07 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 15-May-2015 03:06:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.614	1.614	0.000	43	50540	20.0	21.7	
2 Dichlorodifluoromethane	85	1.650	1.650	0.000	99	127769	20.0	22.5	
3 Chloromethane	50	1.809	1.809	0.000	99	86267	20.0	20.8	
4 Vinyl chloride	62	1.937	1.937	0.000	98	91044	20.0	22.5	
5 Butadiene	54	1.943	1.943	0.000	92	78931	20.0	22.2	
6 Bromomethane	94	2.272	2.272	0.000	99	74909	20.0	23.7	
7 Chloroethane	64	2.376	2.376	0.000	99	59716	20.0	22.2	
8 Trichlorofluoromethane	101	2.589	2.589	0.000	96	149877	20.0	22.1	
9 Dichlorofluoromethane	67	2.595	2.595	0.000	99	163778	20.0	21.7	
10 Pentane	72	2.613	2.613	0.000	95	31090	40.0	41.0	
12 Ethyl ether	59	2.851	2.851	0.000	91	54703	20.0	19.8	
11 Ethanol	46	2.857	2.857	0.000	69	14971	800.0	770.6	
13 2-Methyl-1,3-butadiene	53	2.869	2.869	0.000	96	65319	20.0	20.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.930	2.930	0.000	81	76883	20.0	21.5	
15 Acrolein	56	3.052	3.052	0.000	95	42255	300.0	299.1	
16 1,1,2-Trichloro-1,2,2-trif	101	3.089	3.089	0.000	93	88960	20.0	21.5	
17 1,1-Dichloroethene	96	3.095	3.095	0.000	97	77738	20.0	21.0	
18 Acetone	43	3.211	3.211	0.000	88	83737	100.0	107.9	
19 Iodomethane	142	3.266	3.266	0.000	99	161473	20.0	21.1	
20 Carbon disulfide	76	3.302	3.302	0.000	98	271293	20.0	20.8	
21 Isopropyl alcohol	45	3.333	3.333	0.000	100	49535	200.0	219.2	
22 3-Chloro-1-propene	76	3.479	3.479	0.000	87	45198	20.0	19.9	
23 Cyclopentene	67	3.497	3.497	0.000	93	201593	20.0	21.0	
24 Methyl acetate	43	3.504	3.504	0.000	97	255312	100.0	97.5	
25 Acetonitrile	41	3.571	3.571	0.000	98	74108	200.0	228.8	
26 Methylene Chloride	84	3.638	3.638	0.000	88	86747	20.0	20.4	
* 27 TBA-d9 (IS)	65	3.656	3.656	0.000	87	320709	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.741	3.741	0.000	96	96021	200.0	233.3	
29 Methyl tert-butyl ether	73	3.833	3.833	0.000	95	217228	20.0	20.2	
30 trans-1,2-Dichloroethene	96	3.857	3.857	0.000	92	89957	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.955	3.955	0.000	94	212386	200.0	190.0	
32 Hexane	57	4.052	4.052	0.000	90	111481	20.0	21.0	
33 Isopropyl ether	45	4.320	4.320	0.000	94	215402	20.0	20.2	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	147128	20.0	20.7	
35 Vinyl acetate	86	4.375	4.375	0.000	100	15647	40.0	46.1	
36 2-Chloro-1,3-butadiene	88	4.400	4.400	0.000	89	81527	20.0	21.5	
38 Allyl alcohol	57	4.412	4.412	0.000	42	37159	500.0	558.9	
37 Tert-butyl ethyl ether	59	4.705	4.705	0.000	90	225689	20.0	20.1	
* 157 2-Butanone-d5	46	4.942	4.942	0.000	96	197729	250.0	250.0	
39 2,2-Dichloropropane	79	4.954	4.954	0.000	75	43687	20.0	18.8	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	99	95205	20.0	20.5	
41 2-Butanone (MEK)	72	5.009	5.009	0.000	98	39470	100.0	104.8	
57 Ethyl acetate	70	5.028	5.028	0.000	96	10644	40.0	32.7	
42 Methyl acrylate	55	5.076	5.076	0.000	99	52312	20.0	19.2	
43 Propionitrile	54	5.168	5.168	0.000	98	86718	200.0	194.6	
44 Chlorobromomethane	128	5.253	5.253	0.000	73	46599	20.0	20.4	
45 Tetrahydrofuran	72	5.259	5.259	0.000	55	18187	40.0	42.3	
46 Methacrylonitrile	67	5.290	5.290	0.000	89	260256	200.0	198.2	
47 Chloroform	83	5.326	5.326	0.000	99	148311	20.0	20.6	
48 Cyclohexane	56	5.467	5.467	0.000	88	130318	20.0	20.6	
49 1,1,1-Trichloroethane	97	5.491	5.491	0.000	97	134476	20.0	20.7	
$ 50 Dibromofluoromethane (Surr	113	5.515	5.515	0.000	96	137082	50.0	49.8	
51 Carbon tetrachloride	117	5.637	5.637	0.000	97	125010	20.0	21.0	
52 1,1-Dichloropropene	75	5.674	5.674	0.000	98	116001	20.0	21.3	
53 Isobutyl alcohol	43	5.869	5.869	0.000	93	131650	500.0	494.2	
54 Benzene	78	5.912	5.912	0.000	97	308046	20.0	20.0	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	98	28436	50.0	49.5	
56 Tert-amyl methyl ether	73	6.009	6.009	0.000	89	276637	20.0	20.8	
58 Isopropyl acetate	43	6.015	6.015	0.000	97	193141	20.0	20.9	
59 1,2-Dichloroethane	62	6.034	6.034	0.000	98	93834	20.0	20.2	
60 n-Heptane	57	6.119	6.119	0.000	87	63111	20.0	20.0	
* 61 Fluorobenzene	96	6.271	6.271	0.000	99	474877	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.540	6.540	0.000	96	429923	40.0	42.8	
63 n-Butanol	56	6.680	6.680	0.000	85	61673	500.0	501.3	
64 Trichloroethene	95	6.704	6.704	0.000	98	91027	20.0	20.6	
65 Methylcyclohexane	83	6.844	6.844	0.000	93	150566	20.0	21.0	
66 Ethyl acrylate	73	6.875	6.875	0.000	97	6235	20.0	18.9	
67 1,2-Dichloropropane	63	7.033	7.033	0.000	92	76790	20.0	20.1	
* 68 1,4-Dioxane-d8	96	7.119	7.119	0.000	86	27074	1000.0	1000.0	
69 Methyl methacrylate	100	7.137	7.137	0.000	83	39480	40.0	39.4	
71 1,4-Dioxane	88	7.167	7.167	0.000	47	17819	400.0	444.0	
70 Dibromomethane	93	7.167	7.167	0.000	97	51468	20.0	19.8	
72 n-Propyl acetate	43	7.198	7.198	0.000	97	83216	20.0	19.7	
73 Dichlorobromomethane	83	7.332	7.332	0.000	99	110361	20.0	19.9	
74 2-Nitropropane	41	7.655	7.655	0.000	82	30676	40.0	36.9	
75 2-Chloroethyl vinyl ether	63	7.661	7.661	0.000	84	42843	20.0	19.2	
76 Epichlorohydrin	57	7.753	7.753	0.000	99	119339	400.0	388.5	
77 cis-1,3-Dichloropropene	75	7.801	7.801	0.000	89	127873	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK	43	7.954	7.954	0.000	94	294645	100.0	102.0	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	99	494134	50.0	47.2	
80 Toluene	91	8.076	8.076	0.000	93	335160	20.0	19.9	
81 trans-1,3-Dichloropropene	75	8.356	8.356	0.000	95	111767	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	87	90050	20.0	20.0	
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	96	56105	20.0	18.9	
84 Tetrachloroethene	166	8.551	8.551	0.000	94	87230	20.0	20.4	
85 1,3-Dichloropropane	76	8.679	8.679	0.000	90	107025	20.0	19.0	
86 2-Hexanone	43	8.722	8.722	0.000	93	201405	100.0	101.0	
87 n-Butyl acetate	73	8.801	8.801	0.000	98	13675	20.0	16.6	
88 Chlorodibromomethane	129	8.844	8.844	0.000	97	86955	20.0	19.7	
89 Ethylene Dibromide	107	8.954	8.954	0.000	99	71334	20.0	19.3	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	86	424183	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	96	221526	20.0	19.7	
92 Ethylbenzene	106	9.399	9.399	0.000	98	122483	20.0	20.3	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	84241	20.0	20.2	
94 m-Xylene & p-Xylene	106	9.496	9.496	0.000	99	150033	20.0	19.9	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	56484	20.0	17.8	
96 o-Xylene	106	9.813	9.813	0.000	94	148874	20.0	20.3	
97 Styrene	104	9.838	9.838	0.000	96	236702	20.0	19.9	
98 Amyl acetate (mixed isomer	43	9.953	9.953	0.000	92	109117	20.0	19.9	
99 Bromoform	173	10.002	10.002	0.000	95	56788	20.0	19.8	
100 Isopropylbenzene	105	10.088	10.088	0.000	95	398000	20.0	20.5	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	95	160535	50.0	47.2	
104 Camphene	41	10.258	10.258	0.000	93	28112	20.0	20.1	
102 Bromobenzene	156	10.356	10.356	0.000	96	96276	20.0	20.1	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	98	93831	20.0	20.3	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	466451	20.0	20.2	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	96	27483	20.0	20.0	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	93	24643	20.0	19.2	
108 4-Ethyltoluene	105	10.478	10.478	0.000	99	405314	20.0	20.4	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	311476	20.0	20.3	
110 1,3,5-Trimethylbenzene	105	10.527	10.527	0.000	93	326122	20.0	19.9	
111 4-Chlorotoluene	91	10.569	10.569	0.000	97	276204	20.0	19.7	
112 Butyl Methacrylate	87	10.581	10.581	0.000	86	111591	20.0	20.5	
113 tert-Butylbenzene	119	10.752	10.752	0.000	94	281734	20.0	19.9	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	97	335984	20.0	19.9	
115 sec-Butylbenzene	105	10.911	10.911	0.000	99	429079	20.0	20.0	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	98	368437	20.0	20.1	
117 1,3-Dichlorobenzene	146	11.026	11.026	0.000	96	183316	20.0	20.2	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	94	227354	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	95	181886	20.0	19.1	
120 Benzyl chloride	126	11.197	11.197	0.000	99	42092	20.0	19.9	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	359316	20.0	21.3	
122 p-Diethylbenzene	119	11.282	11.282	0.000	93	243000	20.0	20.6	
123 n-Butylbenzene	92	11.301	11.301	0.000	98	192992	20.0	20.1	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	96	180181	20.0	20.4	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	353701	20.0	19.9	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	94	24112	20.0	20.0	
127 1,3,5-Trichlorobenzene	180	12.112	12.112	0.000	97	144819	20.0	20.0	
128 Camphor	95	12.624	12.624	0.000	89	57211	100.0	93.6	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	94	137898	20.0	20.1	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	91	62021	20.0	19.8	
131 Naphthalene	128	12.989	12.989	0.000	99	340092	20.0	19.8	
132 1,2,3-Trichlorobenzene	180	13.264	13.264	0.000	95	125979	20.0	19.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		40.0	40.2	
S 135 Total BTEX	1				0		100.0	100.4	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
GASES Li_00102	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00021	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent	

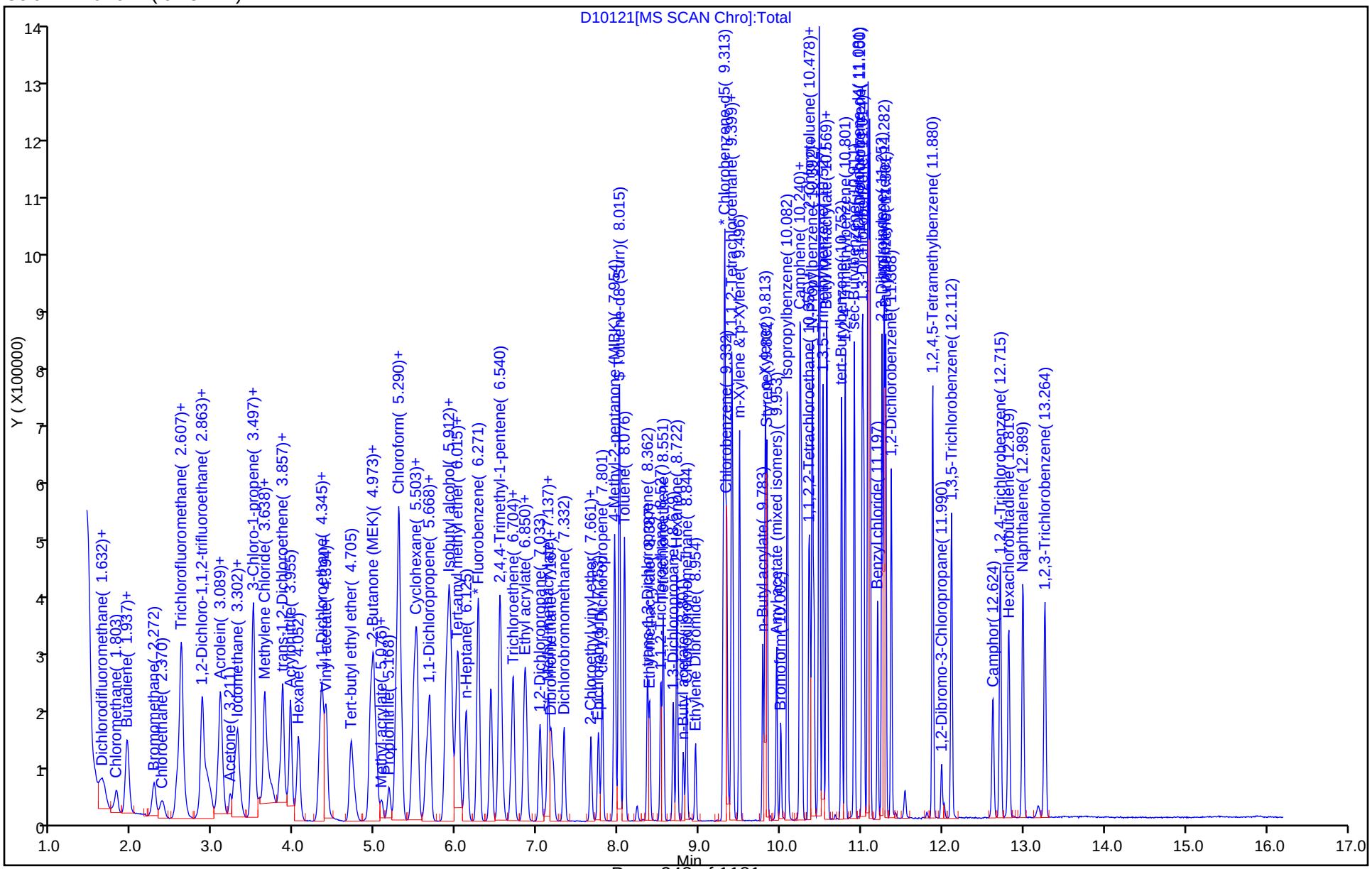
Report Date: 15-May-2015 08:55:08 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10121.D

Injection Date:	14-May-2015 23:16:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10122.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-May-2015 23:41:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0027415-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:55:11 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: martineze Date: 15-May-2015 07:56:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.632	1.614	0.018	87	108170	50.0	48.9	
2 Dichlorodifluoromethane	85	1.656	1.650	0.006	99	282303	50.0	52.5	
3 Chloromethane	50	1.821	1.809	0.012	99	194395	50.0	49.4	
4 Vinyl chloride	62	1.949	1.937	0.012	98	200790	50.0	52.5	
5 Butadiene	54	1.955	1.943	0.012	97	176473	50.0	52.5	
6 Bromomethane	94	2.284	2.272	0.012	99	152971	50.0	51.0	
7 Chloroethane	64	2.382	2.376	0.006	99	129602	50.0	50.8	
8 Trichlorofluoromethane	101	2.613	2.589	0.024	98	330436	50.0	51.5	
9 Dichlorofluoromethane	67	2.601	2.595	0.006	99	359798	50.0	50.2	
10 Pentane	72	2.619	2.613	0.006	96	67535	100.0	94.0	
12 Ethyl ether	59	2.857	2.851	0.006	94	122555	50.0	46.9	
11 Ethanol	46	2.851	2.857	-0.006	93	32107	2000.0	1750.1	
13 2-Methyl-1,3-butadiene	53	2.876	2.869	0.007	96	142334	50.0	47.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.936	2.930	0.006	88	164750	50.0	48.7	
15 Acrolein	56	3.065	3.052	0.012	95	53086	400.0	397.9	
16 1,1,2-Trichloro-1,2,2-trif	101	3.101	3.089	0.012	63	193913	50.0	49.4	
17 1,1-Dichloroethene	96	3.095	3.095	0.000	97	168050	50.0	48.0	
18 Acetone	43	3.217	3.211	0.006	87	182824	250.0	244.5	
19 Iodomethane	142	3.272	3.266	0.006	99	348147	50.0	48.1	
20 Carbon disulfide	76	3.308	3.302	0.006	99	585353	50.0	47.5	
21 Isopropyl alcohol	45	3.345	3.333	0.012	99	104310	500.0	492.3	
22 3-Chloro-1-propene	76	3.485	3.479	0.006	88	100422	50.0	46.6	
23 Cyclopentene	67	3.503	3.497	0.006	92	436907	50.0	48.1	
24 Methyl acetate	43	3.510	3.504	0.006	98	596307	250.0	240.5	
25 Acetonitrile	41	3.577	3.571	0.006	98	130839	500.0	437.4	
26 Methylene Chloride	84	3.638	3.638	0.000	88	187957	50.0	46.6	
* 27 TBA-d9 (IS)	65	3.656	3.656	0.000	86	302864	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.747	3.741	0.006	97	196661	500.0	508.6	M
29 Methyl tert-butyl ether	73	3.839	3.833	0.006	95	475706	50.0	46.7	
30 trans-1,2-Dichloroethene	96	3.863	3.857	0.006	93	192940	50.0	47.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.961	3.955	0.006	94	502328	500.0	475.8	
32 Hexane	57	4.058	4.052	0.006	90	248300	50.0	49.4	
33 Isopropyl ether	45	4.326	4.320	0.006	94	475657	50.0	47.1	
34 1,1-Dichloroethane	63	4.351	4.345	0.006	99	321948	50.0	47.8	
35 Vinyl acetate	86	4.381	4.375	0.006	99	37896	100.0	117.7	
36 2-Chloro-1,3-butadiene	88	4.400	4.400	0.000	89	173763	50.0	48.3	
38 Allyl alcohol	57	4.412	4.412	0.000	46	76867	1250.0	1224.2	
37 Tert-butyl ethyl ether	59	4.711	4.705	0.007	90	502138	50.0	47.3	
* 157 2-Butanone-d5	46	4.948	4.942	0.006	90	191543	250.0	250.0	
39 2,2-Dichloropropane	79	4.960	4.954	0.006	92	93549	50.0	42.5	
40 cis-1,2-Dichloroethene	96	4.985	4.979	0.006	98	205503	50.0	46.7	
41 2-Butanone (MEK)	72	5.015	5.009	0.006	99	91598	250.0	252.6	
57 Ethyl acetate	70	5.021	5.028	-0.007	99	22859	100.0	72.8	
42 Methyl acrylate	55	5.082	5.076	0.006	99	127188	50.0	49.3	
43 Propionitrile	54	5.174	5.168	0.006	98	201228	500.0	476.6	
44 Chlorobromomethane	128	5.259	5.253	0.006	73	102157	50.0	47.3	
45 Tetrahydrofuran	72	5.259	5.259	0.000	55	42932	100.0	104.1	
46 Methacrylonitrile	67	5.296	5.290	0.006	89	603614	500.0	485.2	
47 Chloroform	83	5.326	5.326	0.000	99	315726	50.0	46.3	
48 Cyclohexane	56	5.473	5.467	0.006	87	286482	50.0	47.9	
49 1,1,1-Trichloroethane	97	5.497	5.491	0.006	98	289357	50.0	47.0	
$ 50 Dibromofluoromethane (Surr	113	5.521	5.515	0.006	96	131828	50.0	50.6	
51 Carbon tetrachloride	117	5.643	5.637	0.006	97	273525	50.0	48.6	
52 1,1-Dichloropropene	75	5.680	5.674	0.006	99	254908	50.0	49.3	
53 Isobutyl alcohol	43	5.875	5.869	0.006	94	303838	1250.0	1207.7	
54 Benzene	78	5.918	5.912	0.006	96	664757	50.0	46.6	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	98	27730	50.0	50.9	
56 Tert-amyl methyl ether	73	6.009	6.009	0.000	91	608084	50.0	48.3	
58 Isopropyl acetate	43	6.015	6.015	0.000	98	409974	50.0	46.7	
59 1,2-Dichloroethane	62	6.033	6.034	-0.001	97	206560	50.0	46.9	
60 n-Heptane	57	6.125	6.119	0.006	88	143610	50.0	48.1	
* 61 Fluorobenzene	96	6.277	6.271	0.006	99	449871	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.546	6.540	0.006	95	972772	100.0	102.2	
63 n-Butanol	56	6.680	6.680	0.000	85	131218	1250.0	1129.5	
64 Trichloroethene	95	6.704	6.704	0.000	99	197147	50.0	47.2	
65 Methylcyclohexane	83	6.850	6.844	0.006	91	332621	50.0	49.0	
66 Ethyl acrylate	73	6.869	6.875	-0.006	98	14285	50.0	45.7	
67 1,2-Dichloropropane	63	7.039	7.033	0.006	92	169423	50.0	46.7	
* 68 1,4-Dioxane-d8	96	7.112	7.119	-0.007	86	25149	1000.0	1000.0	
69 Methyl methacrylate	100	7.137	7.137	0.000	83	89736	100.0	94.5	
71 1,4-Dioxane	88	7.167	7.167	0.000	41	38429	1000.0	1054.2	
70 Dibromomethane	93	7.173	7.167	0.006	97	114582	50.0	46.5	
72 n-Propyl acetate	43	7.198	7.198	0.000	97	186082	50.0	46.5	
73 Dichlorobromomethane	83	7.332	7.332	0.000	99	244322	50.0	46.5	
74 2-Nitropropane	41	7.655	7.655	0.000	96	71647	100.0	90.9	
75 2-Chloroethyl vinyl ether	63	7.667	7.661	0.006	92	99747	50.0	47.2	
76 Epichlorohydrin	57	7.759	7.753	0.006	99	273706	1000.0	919.8	
77 cis-1,3-Dichloropropene	75	7.801	7.801	0.000	89	289333	50.0	47.4	
78 4-Methyl-2-pentanone (MIBK	43	7.954	7.954	0.000	94	658648	250.0	235.5	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	99	487664	50.0	50.3	
80 Toluene	91	8.076	8.076	0.000	93	729195	50.0	46.8	
81 trans-1,3-Dichloropropene	75	8.362	8.356	0.006	95	258155	50.0	48.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	87	202848	50.0	47.7	
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	96	125954	50.0	45.9	
84 Tetrachloroethene	166	8.557	8.551	0.006	94	188011	50.0	47.6	
85 1,3-Dichloropropane	76	8.679	8.679	0.000	90	240759	50.0	46.2	
86 2-Hexanone	43	8.722	8.722	0.000	94	444289	250.0	229.9	
87 n-Butyl acetate	73	8.801	8.801	0.000	98	27665	50.0	36.5	
88 Chlorodibromomethane	129	8.844	8.844	0.000	97	193352	50.0	47.4	
89 Ethylene Dibromide	107	8.954	8.954	0.000	99	161243	50.0	47.1	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	84	392762	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	97	484920	50.0	46.5	
92 Ethylbenzene	106	9.399	9.399	0.000	98	264925	50.0	47.4	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	181763	50.0	47.0	
94 m-Xylene & p-Xylene	106	9.496	9.496	0.000	100	326086	50.0	46.8	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	123734	50.0	42.1	
96 o-Xylene	106	9.813	9.813	0.000	94	322904	50.0	47.6	
97 Styrene	104	9.838	9.838	0.000	96	509169	50.0	46.3	
98 Amyl acetate (mixed isomer	43	9.953	9.953	0.000	92	231283	50.0	46.8	
99 Bromoform	173	10.002	10.002	0.000	95	121459	50.0	45.7	
100 Isopropylbenzene	105	10.088	10.088	0.000	95	869841	50.0	48.4	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	87	154837	50.0	50.5	
104 Camphene	41	10.258	10.258	0.000	94	64319	50.0	49.7	
102 Bromobenzene	156	10.356	10.356	0.000	97	202576	50.0	46.9	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	98	199103	50.0	47.8	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	997587	50.0	48.0	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	96	59106	50.0	47.7	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	93	53638	50.0	46.3	
108 4-Ethyltoluene	105	10.478	10.478	0.000	99	861414	50.0	48.1	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	657630	50.0	47.5	
110 1,3,5-Trimethylbenzene	105	10.526	10.527	-0.001	93	709852	50.0	47.9	
111 4-Chlorotoluene	91	10.569	10.569	0.000	97	582837	50.0	46.2	
112 Butyl Methacrylate	87	10.581	10.581	0.000	86	231453	50.0	47.1	
113 tert-Butylbenzene	119	10.752	10.752	0.000	94	617794	50.0	48.5	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	97	716903	50.0	47.0	
115 sec-Butylbenzene	105	10.911	10.911	0.000	99	942373	50.0	48.8	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	98	787243	50.0	47.7	
117 1,3-Dichlorobenzene	146	11.032	11.026	0.006	96	374531	50.0	45.8	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	94	205033	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	94	374261	50.0	43.5	
120 Benzyl chloride	126	11.197	11.197	0.000	99	89106	50.0	46.7	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	763324	50.0	47.7	
122 p-Diethylbenzene	119	11.282	11.282	0.000	92	511236	50.0	48.0	
123 n-Butylbenzene	92	11.301	11.301	0.000	98	410045	50.0	47.4	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	96	363317	50.0	45.5	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	750575	50.0	46.9	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	95	50448	50.0	46.5	
127 1,3,5-Trichlorobenzene	180	12.112	12.112	0.000	98	294875	50.0	45.1	
128 Camphor	95	12.624	12.624	0.000	90	123124	250.0	223.3	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	95	274263	50.0	44.4	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	90	132604	50.0	47.0	
131 Naphthalene	128	12.989	12.989	0.000	99	697220	50.0	45.0	
132 1,2,3-Trichlorobenzene	180	13.264	13.264	0.000	95	252228	50.0	43.9	
S 133 1,2-Dichloroethene, Total	100				0		100.0	94.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		100.0	94.3	
S 135 Total BTEX	1				0		250.0	235.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	4.00	Units: uL		
GASES Li_00102	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00021	Amount Added:	5.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent	

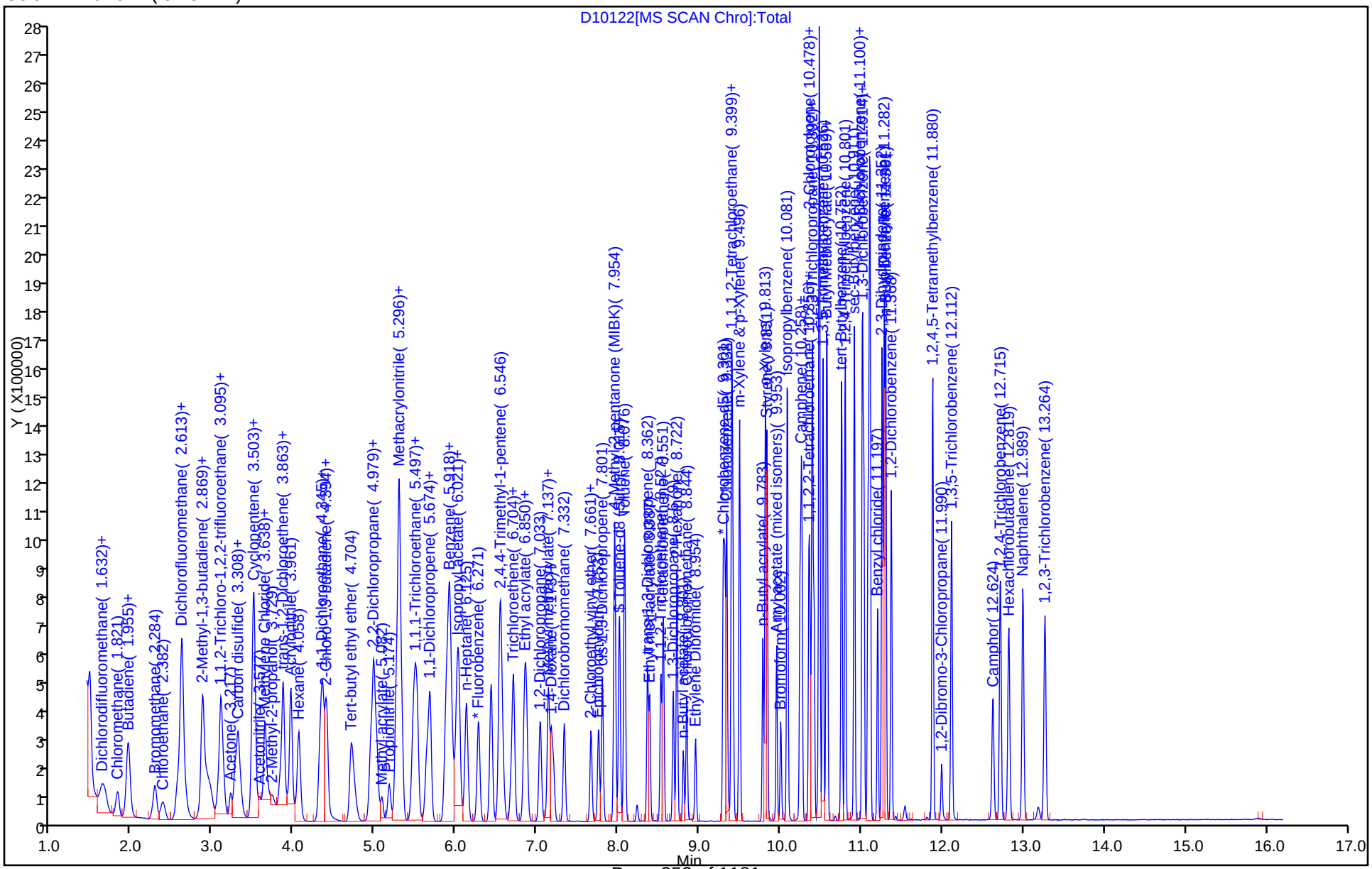
Report Date: 15-May-2015 08:55:12 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10122.D

Injection Date:	14-May-2015 23:41:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

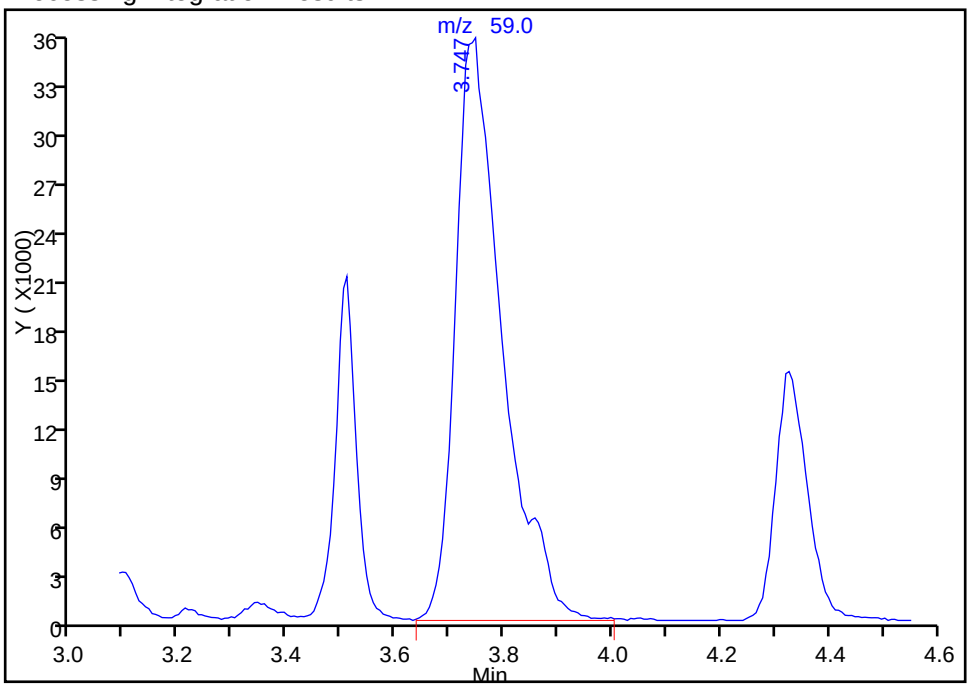
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10122.D
Injection Date: 14-May-2015 23:41:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

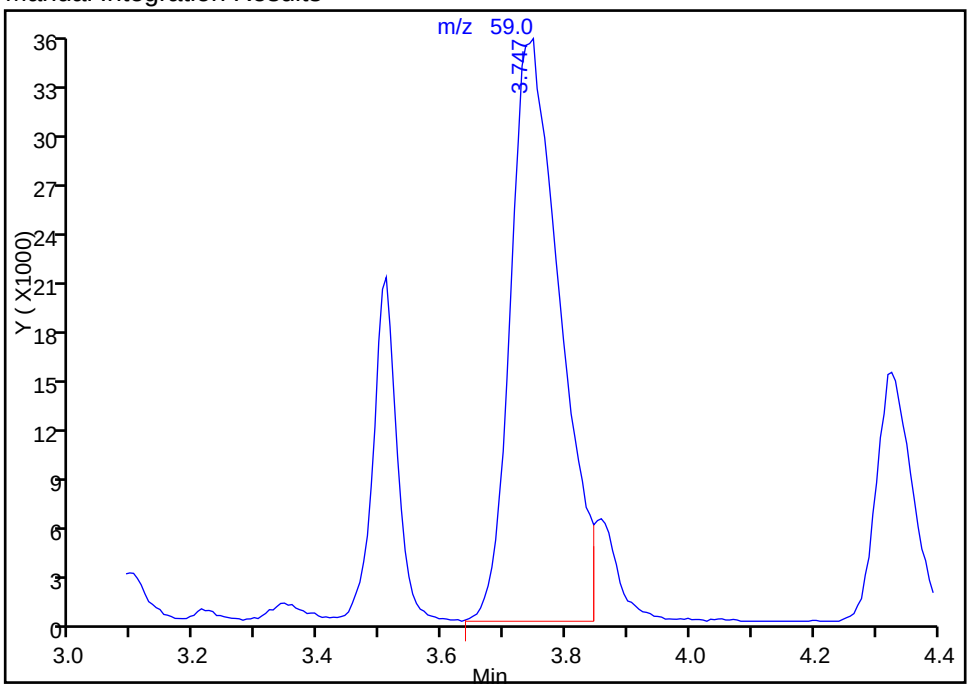
Processing Integration Results

RT: 3.75
Area: 212331
Amount: 500.3387
Amount Units: ug/l



Manual Integration Results

RT: 3.75
Area: 196661
Amount: 508.5502
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:27:14
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10123.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 15-May-2015 00:06:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027415-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:55:15 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: martineze Date: 15-May-2015 07:57:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.620	1.614	0.006	94	474769	200.0	216.3	
2 Dichlorodifluoromethane	85	1.644	1.650	-0.006	99	1066980	200.0	199.8	
3 Chloromethane	50	1.821	1.809	0.012	99	752124	200.0	192.7	
4 Vinyl chloride	62	1.949	1.937	0.012	84	749617	200.0	197.3	
5 Butadiene	54	1.949	1.943	0.006	96	629585	200.0	188.7	
6 Bromomethane	94	2.278	2.272	0.006	99	590212	200.0	198.2	
7 Chloroethane	64	2.376	2.376	0.000	99	486720	200.0	192.3	
8 Trichlorofluoromethane	101	2.601	2.589	0.012	97	1223140	200.0	192.0	
9 Dichlorofluoromethane	67	2.595	2.595	0.000	99	1314110	200.0	184.9	
10 Pentane	72	2.607	2.613	-0.006	96	273236	400.0	383.2	
12 Ethyl ether	59	2.845	2.851	-0.006	93	494876	200.0	190.6	
11 Ethanol	46	2.845	2.857	-0.012	78	121730	8000.0	6688.0	
13 2-Methyl-1,3-butadiene	53	2.869	2.869	0.000	96	559324	200.0	189.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.949	2.930	0.019	90	632295	200.0	188.4	
15 Acrolein	56	3.058	3.052	0.006	96	65359	500.0	493.8	
16 1,1,2-Trichloro-1,2,2-trif	101	3.095	3.089	0.006	97	789657	200.0	202.6	
17 1,1-Dichloroethene	96	3.089	3.095	-0.006	98	683337	200.0	196.5	
18 Acetone	43	3.211	3.211	0.000	90	724489	1000.0	1000.3	
19 Iodomethane	142	3.266	3.266	0.000	99	1351952	200.0	188.2	
20 Carbon disulfide	76	3.302	3.302	0.000	99	2427180	200.0	198.3	
21 Isopropyl alcohol	45	3.333	3.333	0.000	100	404203	2000.0	1998.9	
22 3-Chloro-1-propene	76	3.479	3.479	0.000	89	422571	200.0	197.4	
23 Cyclopentene	67	3.497	3.497	0.000	93	1739761	200.0	192.8	
24 Methyl acetate	43	3.497	3.504	-0.007	98	2268110	1000.0	921.4	
25 Acetonitrile	41	3.564	3.571	-0.007	97	548976	2000.0	1850.0	M
26 Methylene Chloride	84	3.632	3.638	-0.006	94	730094	200.0	182.3	
* 27 TBA-d9 (IS)	65	3.662	3.656	0.006	85	300477	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.735	3.741	-0.006	98	743426	2000.0	1990.0	M
29 Methyl tert-butyl ether	73	3.833	3.833	0.000	96	1897333	200.0	187.5	
30 trans-1,2-Dichloroethene	96	3.857	3.857	0.000	93	739212	200.0	184.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.955	3.955	0.000	94	1914824	2000.0	1828.1	
32 Hexane	57	4.052	4.052	0.000	90	1009443	200.0	202.2	
33 Isopropyl ether	45	4.320	4.320	0.000	95	1830117	200.0	182.5	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	1228915	200.0	183.7	
35 Vinyl acetate	86	4.375	4.375	0.000	99	80739	400.0	252.7	M
36 2-Chloro-1,3-butadiene	88	4.400	4.400	0.000	89	651551	200.0	182.5	
38 Allyl alcohol	57	4.406	4.412	-0.006	87	301593	5000.0	4841.5	
37 Tert-butyl ethyl ether	59	4.704	4.705	0.000	90	1992533	200.0	189.1	
* 157 2-Butanone-d5	46	4.942	4.942	0.000	12	191778	250.0	250.0	
39 2,2-Dichloropropane	79	4.954	4.954	0.000	92	361819	200.0	165.7	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	98	787550	200.0	180.4	
41 2-Butanone (MEK)	72	5.009	5.009	0.000	99	350905	1000.0	997.8	
57 Ethyl acetate	70	5.021	5.028	-0.007	96	126059	400.0	412.0	
42 Methyl acrylate	55	5.082	5.076	0.006	100	493539	200.0	192.5	
43 Propionitrile	54	5.168	5.168	0.000	98	777733	2000.0	1855.2	
44 Chlorobromomethane	128	5.253	5.253	0.000	78	389495	200.0	181.6	
45 Tetrahydrofuran	72	5.253	5.259	-0.006	57	157658	400.0	397.7	
46 Methacrylonitrile	67	5.296	5.290	0.006	88	2276704	2000.0	1843.5	
47 Chloroform	83	5.326	5.326	0.000	99	1178283	200.0	174.2	
48 Cyclohexane	56	5.473	5.467	0.006	90	1158338	200.0	195.1	
49 1,1,1-Trichloroethane	97	5.497	5.491	0.006	97	1108485	200.0	181.2	
$ 50 Dibromofluoromethane (Surr	113	5.515	5.515	0.000	96	131022	50.0	50.6	
51 Carbon tetrachloride	117	5.637	5.637	0.000	98	1040196	200.0	186.0	
52 1,1-Dichloropropene	75	5.674	5.674	0.000	99	929199	200.0	181.1	
53 Isobutyl alcohol	43	5.869	5.869	0.000	93	1211743	5000.0	4854.9	
54 Benzene	78	5.918	5.912	0.006	96	2564914	200.0	187.4	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.942	5.942	0.000	97	27642	50.0	51.1	
56 Tert-amyl methyl ether	73	6.009	6.009	0.000	92	2348562	200.0	188.0	
58 Isopropyl acetate	43	6.015	6.015	0.000	98	1613338	200.0	185.3	
59 1,2-Dichloroethane	62	6.033	6.034	-0.001	96	804743	200.0	184.2	
60 n-Heptane	57	6.125	6.119	0.006	88	580188	200.0	195.9	
* 61 Fluorobenzene	96	6.277	6.271	0.006	99	446631	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.552	6.540	0.012	97	3661130	400.0	387.6	
63 n-Butanol	56	6.680	6.680	0.000	84	525381	5000.0	4558.5	
64 Trichloroethene	95	6.704	6.704	0.000	99	746466	200.0	180.0	
65 Methylcyclohexane	83	6.850	6.844	0.006	91	1324678	200.0	196.5	
66 Ethyl acrylate	73	6.869	6.875	-0.006	98	56988	200.0	183.8	
67 1,2-Dichloropropane	63	7.033	7.033	0.000	92	682622	200.0	189.6	
* 68 1,4-Dioxane-d8	96	7.113	7.119	-0.006	86	27663	1000.0	1000.0	
69 Methyl methacrylate	100	7.137	7.137	0.000	83	363329	400.0	385.5	
71 1,4-Dioxane	88	7.167	7.167	0.000	74	141633	4000.0	3962.4	
70 Dibromomethane	93	7.174	7.167	0.007	96	442629	200.0	180.8	
72 n-Propyl acetate	43	7.198	7.198	0.000	97	761416	200.0	191.5	
73 Dichlorobromomethane	83	7.332	7.332	0.000	99	992589	200.0	190.1	
74 2-Nitropropane	41	7.661	7.655	0.006	95	288451	400.0	368.8	
75 2-Chloroethyl vinyl ether	63	7.667	7.661	0.006	92	401307	200.0	191.2	
76 Epichlorohydrin	57	7.759	7.753	0.006	99	1120666	4000.0	3761.4	
77 cis-1,3-Dichloropropene	75	7.808	7.801	0.007	89	1130531	200.0	193.3	
78 4-Methyl-2-pentanone (MIBK	43	7.954	7.954	0.000	94	2526517	1000.0	902.2	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	99	496890	50.0	53.4	
80 Toluene	91	8.076	8.076	0.000	94	2772651	200.0	185.5	
81 trans-1,3-Dichloropropene	75	8.362	8.356	0.006	93	958785	200.0	188.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	86	788462	200.0	186.6	
83 1,1,2-Trichloroethane	83	8.527	8.521	0.006	96	499256	200.0	189.7	
84 Tetrachloroethene	166	8.557	8.551	0.006	93	710705	200.0	187.6	
85 1,3-Dichloropropane	76	8.679	8.679	0.000	90	974383	200.0	195.0	
86 2-Hexanone	43	8.722	8.722	0.000	94	1737688	1000.0	898.2	
87 n-Butyl acetate	73	8.801	8.801	0.000	98	143849	200.0	206.0	
88 Chlorodibromomethane	129	8.844	8.844	0.000	97	758665	200.0	194.1	
89 Ethylene Dibromide	107	8.954	8.954	0.000	99	637325	200.0	194.1	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	84	376469	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	95	1856165	200.0	185.7	
92 Ethylbenzene	106	9.399	9.399	0.000	98	991764	200.0	185.3	
93 1,1,1,2-Tetrachloroethane	131	9.417	9.411	0.006	96	678992	200.0	183.1	
94 m-Xylene & p-Xylene	106	9.496	9.496	0.000	99	1241540	200.0	185.8	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	497883	200.0	176.6	
96 o-Xylene	106	9.813	9.813	0.000	94	1205977	200.0	185.3	
97 Styrene	104	9.838	9.838	0.000	96	1949740	200.0	184.8	
98 Amyl acetate (mixed isomer	43	9.953	9.953	0.000	92	929373	200.0	203.5	
99 Bromoform	173	10.002	10.002	0.000	95	470784	200.0	185.0	
100 Isopropylbenzene	105	10.088	10.088	0.000	95	3250911	200.0	188.8	
$ 101 4-Bromofluorobenzene	174	10.246	10.240	0.006	93	154036	50.0	54.3	
104 Camphene	41	10.258	10.258	0.000	94	238077	200.0	192.0	
102 Bromobenzene	156	10.356	10.356	0.000	98	746930	200.0	186.9	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	99	749464	200.0	194.4	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	3732953	200.0	194.2	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	97	207548	200.0	181.0	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	92	192424	200.0	179.7	
108 4-Ethyltoluene	105	10.478	10.478	0.000	98	3107602	200.0	187.5	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	2399883	200.0	187.4	
110 1,3,5-Trimethylbenzene	105	10.527	10.527	-0.001	93	2698770	200.0	197.0	
111 4-Chlorotoluene	91	10.569	10.569	0.000	98	2187090	200.0	187.4	
112 Butyl Methacrylate	87	10.581	10.581	0.000	88	886198	200.0	194.8	
113 tert-Butylbenzene	119	10.758	10.752	0.006	93	2380811	200.0	202.1	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	97	2755930	200.0	195.4	
115 sec-Butylbenzene	105	10.911	10.911	0.000	99	3571114	200.0	200.0	
116 4-Isopropyltoluene	119	11.014	11.008	0.006	97	3010394	200.0	197.1	
117 1,3-Dichlorobenzene	146	11.033	11.026	0.006	95	1350400	200.0	178.4	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	85	189632	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	93	1324618	200.0	166.5	
120 Benzyl chloride	126	11.203	11.197	0.006	99	344808	200.0	195.2	
121 2,3-Dihydroindene	117	11.258	11.252	0.006	94	2913215	200.0	183.2	
122 p-Diethylbenzene	119	11.282	11.282	0.000	92	1784166	200.0	180.9	
123 n-Butylbenzene	92	11.301	11.301	0.000	98	1531649	200.0	191.4	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	95	1350331	200.0	182.9	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	2977804	200.0	201.2	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	94	193576	200.0	192.8	
127 1,3,5-Trichlorobenzene	180	12.112	12.112	0.000	97	1128666	200.0	186.7	
128 Camphor	95	12.624	12.624	0.000	89	495538	1000.0	971.8	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	94	1054113	200.0	184.5	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	89	518357	200.0	198.5	
131 Naphthalene	128	12.996	12.989	0.007	99	2691764	200.0	188.0	
132 1,2,3-Trichlorobenzene	180	13.264	13.264	0.000	95	1004435	200.0	189.2	
S 133 1,2-Dichloroethene, Total	100				0		400.0	364.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		400.0	371.1	
S 135 Total BTEX	1				0		1000.0	929.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	5.00	Units: uL	
GASES Li_00102	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00021	Amount Added:	20.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent

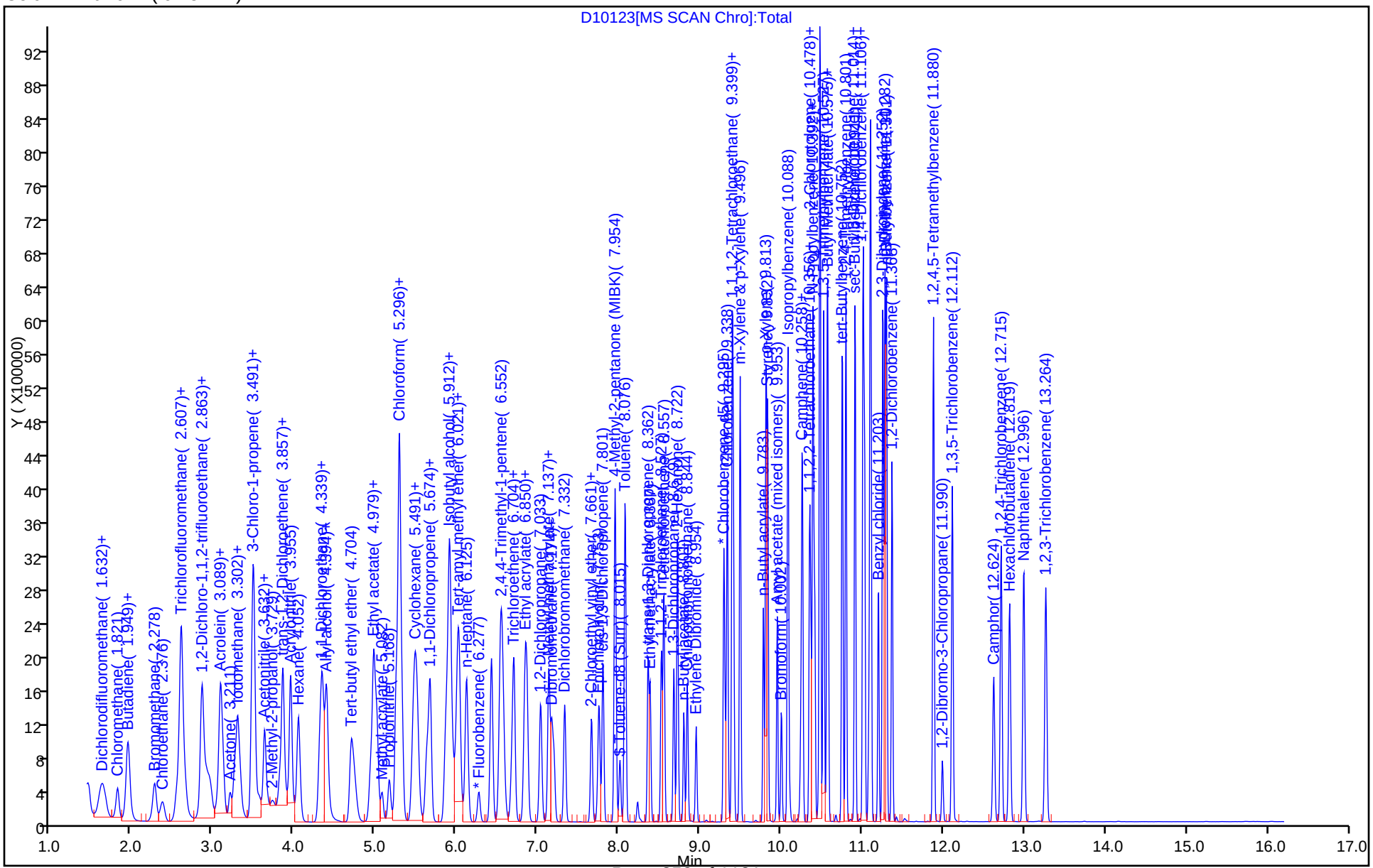
Report Date: 15-May-2015 08:55:16 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10123.D

Injection Date:	15-May-2015 00:06:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

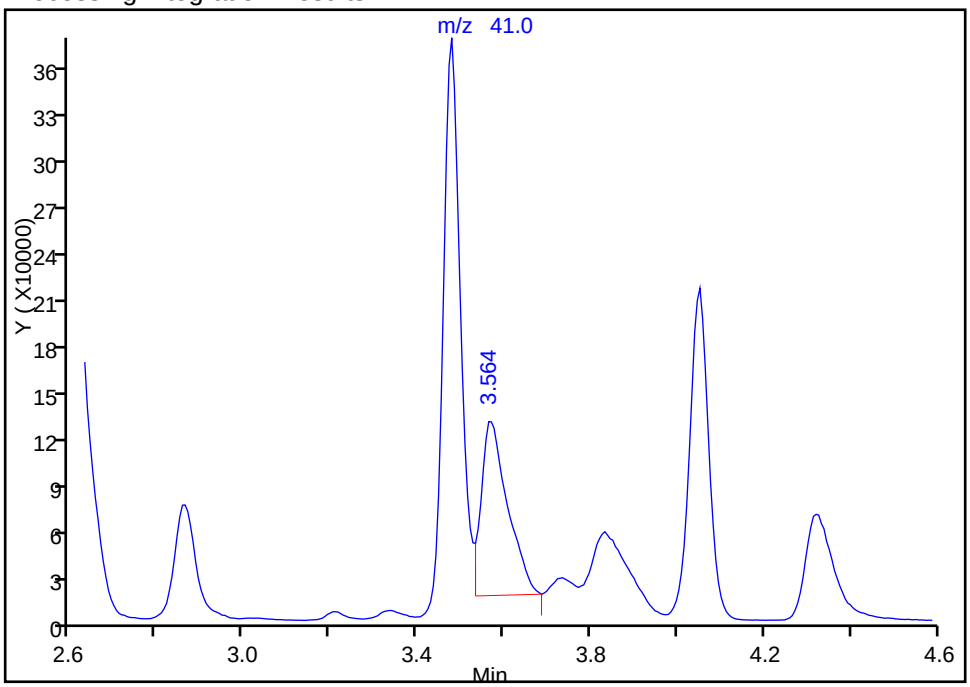
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10123.D
Injection Date: 15-May-2015 00:06:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

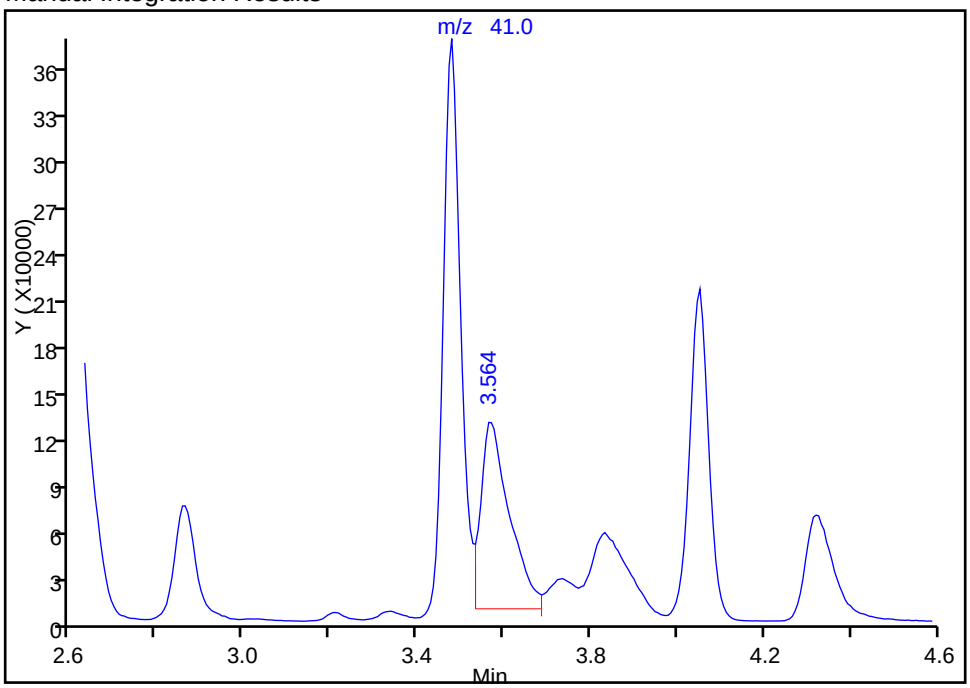
Processing Integration Results

RT: 3.56
Area: 470488
Amount: 1951.2570
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 548976
Amount: 1849.9972
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:37:41
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

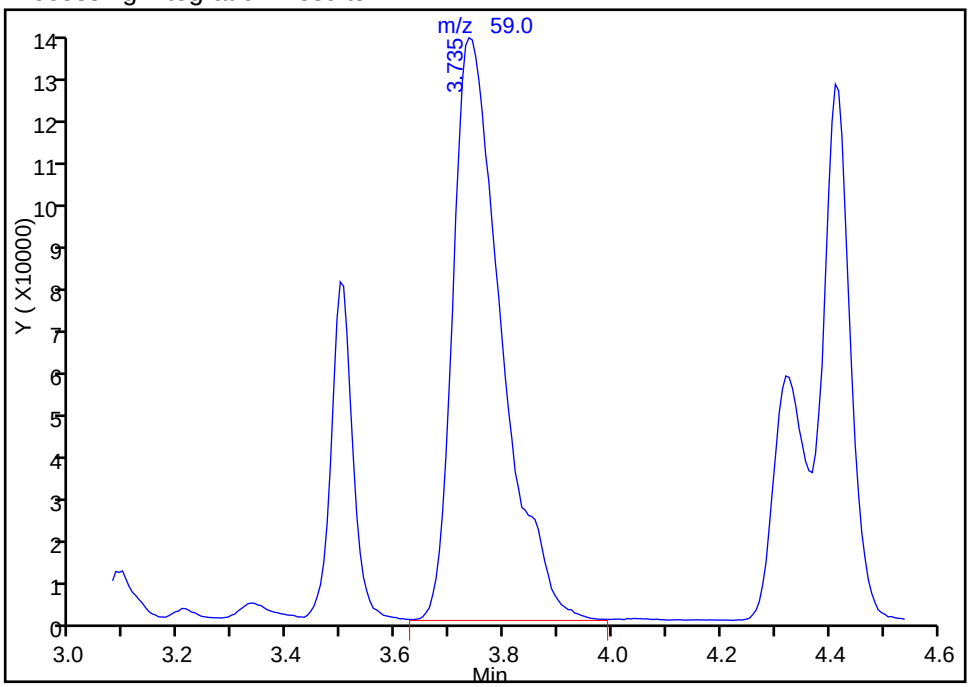
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10123.D
Injection Date: 15-May-2015 00:06:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

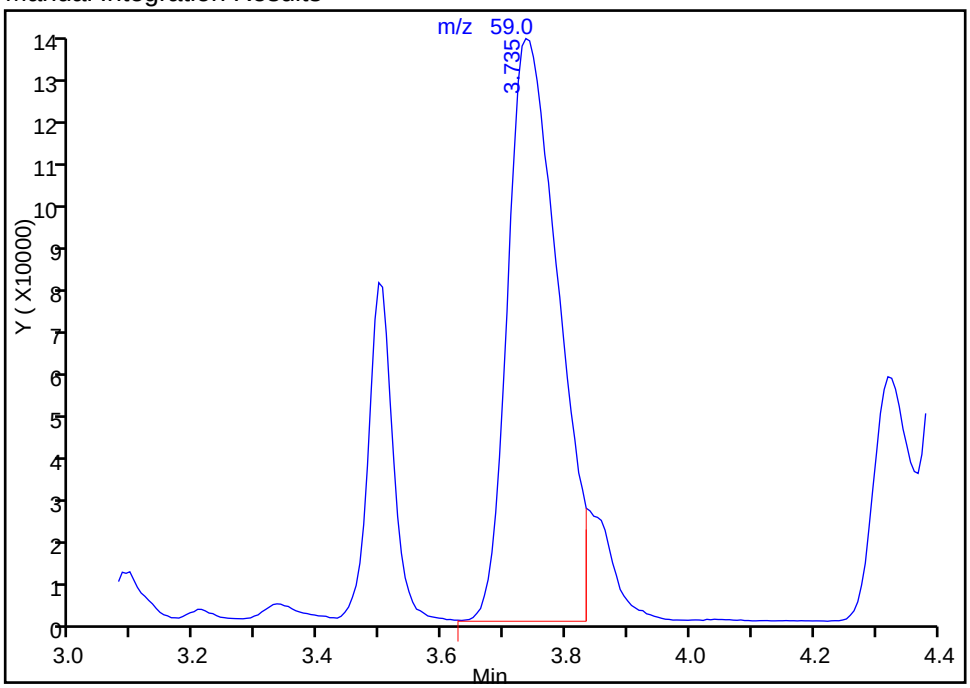
Processing Integration Results

RT: 3.74
Area: 813534
Amount: 2009.8699
Amount Units: ug/l



Manual Integration Results

RT: 3.74
Area: 743426
Amount: 1989.9679
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:30:46
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

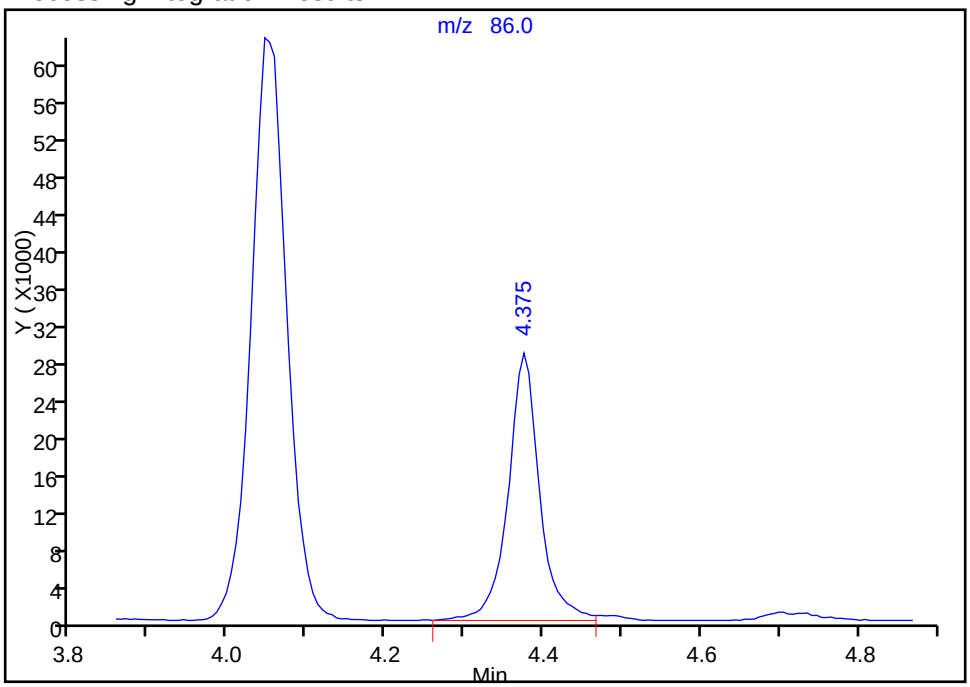
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10123.D
Injection Date: 15-May-2015 00:06:30 Instrument ID: CVOAMS4
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Vinyl acetate, CAS: 108-05-4

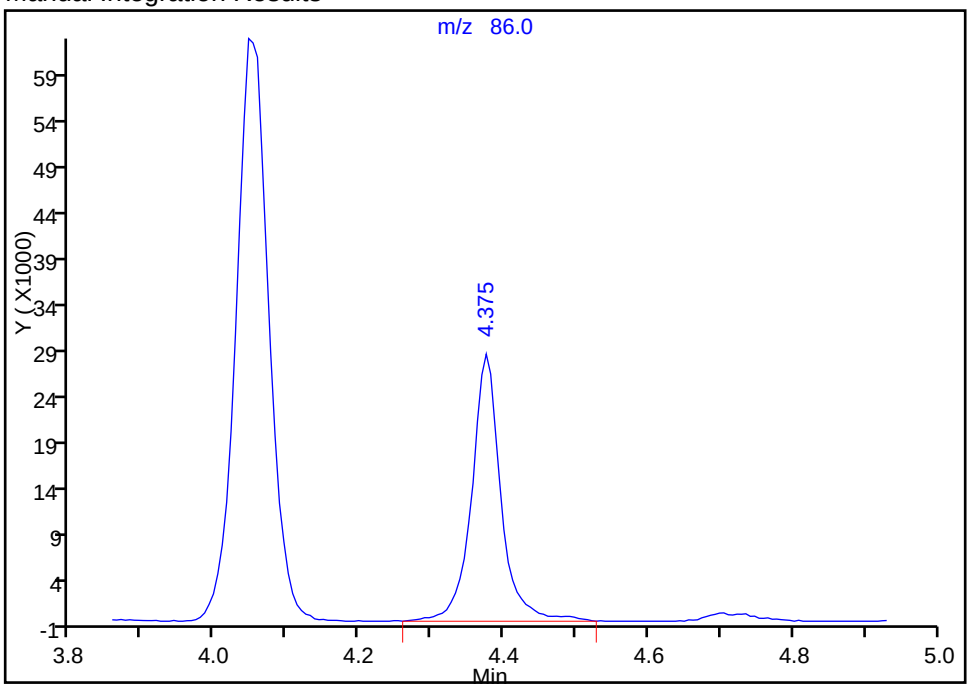
Processing Integration Results

RT: 4.38
Area: 79551
Amount: 376.6892
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 80739
Amount: 252.6508
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:54:14
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-May-2015 00:30:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027415-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:55:18 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: martineze Date: 15-May-2015 07:57:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.608	1.614	-0.006	62	1176606	500.0	493.8	
2 Dichlorodifluoromethane	85	1.644	1.650	-0.006	99	2766042	500.0	477.1	
3 Chloromethane	50	1.827	1.809	0.018	99	1884245	500.0	444.8	
4 Vinyl chloride	62	1.955	1.937	0.018	98	1858839	500.0	450.8	
5 Butadiene	54	1.949	1.943	0.006	97	1560157	500.0	430.8	
6 Bromomethane	94	2.278	2.272	0.006	99	1295752	500.0	400.9	
7 Chloroethane	64	2.370	2.376	-0.006	100	1166586	500.0	424.7	
8 Trichlorofluoromethane	101	2.595	2.589	0.006	98	3079593	500.0	445.4	
9 Dichlorofluoromethane	67	2.601	2.595	0.006	99	3311754	500.0	429.2	
10 Pentane	72	2.607	2.613	-0.006	96	723042	1000.0	934.2	
12 Ethyl ether	59	2.845	2.851	-0.006	92	1186616	500.0	421.1	
11 Ethanol	46	2.839	2.857	-0.018	85	267973	20000	14683	
13 2-Methyl-1,3-butadiene	53	2.863	2.869	-0.006	95	1448367	500.0	452.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.955	2.930	0.025	76	1494368	500.0	410.2	
15 Acrolein	56	3.059	3.052	0.007	95	75618	600.0	569.8	
16 1,1,2-Trichloro-1,2,2-trif	101	3.095	3.089	0.006	95	1938745	500.0	458.3	
17 1,1-Dichloroethene	96	3.101	3.095	0.006	98	1686783	500.0	446.8	
18 Acetone	43	3.205	3.211	-0.006	88	1713265	2500.0	2500.0	
19 Iodomethane	142	3.272	3.266	0.006	100	3259503	500.0	418.0	
20 Carbon disulfide	76	3.309	3.302	0.007	99	6064505	500.0	456.4	
21 Isopropyl alcohol	45	3.339	3.333	0.006	100	933720	5000.0	5000.3	
22 3-Chloro-1-propene	76	3.479	3.479	0.000	89	1083194	500.0	466.2	
23 Cyclopentene	67	3.498	3.497	0.001	89	4445865	500.0	453.9	
24 Methyl acetate	43	3.498	3.504	-0.006	98	5270451	2500.0	1972.5	
25 Acetonitrile	41	3.565	3.571	-0.006	95	1288333	5000.0	4329.8	M
26 Methylene Chloride	84	3.638	3.638	0.000	90	1803792	500.0	415.0	
* 27 TBA-d9 (IS)	65	3.662	3.656	0.006	85	301293	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.741	3.741	0.000	98	1770906	5000.0	5001.6	M
29 Methyl tert-butyl ether	73	3.839	3.833	0.006	96	4511424	500.0	410.8	
30 trans-1,2-Dichloroethene	96	3.857	3.857	0.000	94	1794733	500.0	412.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.955	3.955	0.000	95	4532818	5000.0	4315.7	
32 Hexane	57	4.052	4.052	0.000	90	2520409	500.0	465.2	
33 Isopropyl ether	45	4.327	4.320	0.007	94	4279089	500.0	393.2	
34 1,1-Dichloroethane	63	4.345	4.345	0.000	99	3019994	500.0	415.9	
35 Vinyl acetate	86	4.375	4.375	0.000	100	188710	1000.0	544.0	
36 2-Chloro-1,3-butadiene	88	4.400	4.400	0.000	89	1619069	500.0	417.9	
38 Allyl alcohol	57	4.406	4.412	-0.006	88	727220	12500	11643	
37 Tert-butyl ethyl ether	59	4.711	4.705	0.007	90	4681424	500.0	409.4	
* 157 2-Butanone-d5	46	4.948	4.942	0.006	3	194406	250.0	250.0	
39 2,2-Dichloropropane	79	4.967	4.954	0.013	93	884278	500.0	373.1	
40 cis-1,2-Dichloroethene	96	4.979	4.979	0.000	98	1897524	500.0	400.4	
41 2-Butanone (MEK)	72	5.009	5.009	0.000	100	833506	2500.0	2500.4	
57 Ethyl acetate	70	5.028	5.028	0.000	97	294754	1000.0	998.2	
42 Methyl acrylate	55	5.083	5.076	0.007	99	1191337	500.0	428.1	
43 Propionitrile	54	5.174	5.168	0.006	98	1772282	5000.0	3894.9	
44 Chlorobromomethane	128	5.253	5.253	0.000	80	919266	500.0	394.9	
45 Tetrahydrofuran	72	5.253	5.259	-0.006	58	367219	1000.0	1000.4	
46 Methacrylonitrile	67	5.302	5.290	0.012	89	5079158	5000.0	3789.0	
47 Chloroform	83	5.333	5.326	0.007	99	2829034	500.0	385.3	
48 Cyclohexane	56	5.479	5.467	0.012	88	2911320	500.0	451.9	
49 1,1,1-Trichloroethane	97	5.503	5.491	0.012	98	2713837	500.0	408.7	
$ 50 Dibromofluoromethane (Surr	113	5.522	5.515	0.007	95	119905	50.0	42.7	
51 Carbon tetrachloride	117	5.643	5.637	0.006	98	2616057	500.0	430.9	
52 1,1-Dichloropropene	75	5.680	5.674	0.006	99	2331073	500.0	418.5	
53 Isobutyl alcohol	43	5.869	5.869	0.000	93	2866466	12500	11453	
54 Benzene	78	5.918	5.912	0.006	96	6149203	500.0	429.5	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.948	5.942	0.006	91	24482	50.0	41.7	
56 Tert-amyl methyl ether	73	6.015	6.009	0.006	89	5296900	500.0	390.6	
58 Isopropyl acetate	43	6.021	6.015	0.006	98	3611353	500.0	382.1	
59 1,2-Dichloroethane	62	6.040	6.034	0.006	98	1942367	500.0	409.6	
60 n-Heptane	57	6.125	6.119	0.006	88	1446094	500.0	449.9	
* 61 Fluorobenzene	96	6.277	6.271	0.006	99	484787	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.558	6.540	0.018	95	9410280	1000.0	917.9	
63 n-Butanol	56	6.686	6.680	0.006	83	1235696	12500	10692	
64 Trichloroethene	95	6.710	6.704	0.006	99	1802240	500.0	400.4	
65 Methylcyclohexane	83	6.857	6.844	0.013	91	3249946	500.0	444.1	
66 Ethyl acrylate	73	6.875	6.875	0.000	99	133604	500.0	396.9	
67 1,2-Dichloropropane	63	7.040	7.033	0.007	92	1708708	500.0	437.3	
* 68 1,4-Dioxane-d8	96	7.119	7.119	0.000	86	34445	1000.0	1000.0	
69 Methyl methacrylate	100	7.143	7.137	0.006	83	847859	1000.0	828.7	
71 1,4-Dioxane	88	7.174	7.167	0.007	61	332749	10000	10013	
70 Dibromomethane	93	7.174	7.167	0.007	95	1056177	500.0	397.5	
72 n-Propyl acetate	43	7.204	7.198	0.006	97	1817012	500.0	421.0	
73 Dichlorobromomethane	83	7.338	7.332	0.006	99	2485404	500.0	438.5	
74 2-Nitropropane	41	7.661	7.655	0.006	96	695148	1000.0	818.7	
75 2-Chloroethyl vinyl ether	63	7.667	7.661	0.006	92	980023	500.0	430.1	
76 Epichlorohydrin	57	7.759	7.753	0.006	99	2659586	10000	8805.9	
77 cis-1,3-Dichloropropene	75	7.808	7.801	0.007	89	2809244	500.0	459.1	
78 4-Methyl-2-pentanone (MIBK	43	7.960	7.954	0.006	94	5833716	2500.0	2055.0	
$ 79 Toluene-d8 (Surr)	98	8.015	8.015	0.000	98	473216	50.0	48.7	
80 Toluene	91	8.082	8.076	0.006	94	6662236	500.0	426.0	
81 trans-1,3-Dichloropropene	75	8.362	8.356	0.006	93	2374492	500.0	446.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.387	8.387	0.000	87	1903776	500.0	415.1	
83 1,1,2-Trichloroethane	83	8.527	8.521	0.006	96	1211118	500.0	439.9	
84 Tetrachloroethene	166	8.558	8.551	0.007	93	1664256	500.0	420.0	
85 1,3-Dichloropropane	76	8.679	8.679	0.000	90	2405371	500.0	460.2	
86 2-Hexanone	43	8.728	8.722	0.006	94	4022695	2500.0	2051.2	
87 n-Butyl acetate	73	8.801	8.801	0.000	98	339510	500.0	499.0	
88 Chlorodibromomethane	129	8.850	8.844	0.006	97	1840029	500.0	450.0	
89 Ethylene Dibromide	107	8.954	8.954	0.000	99	1544828	500.0	449.7	
* 90 Chlorobenzene-d5	117	9.320	9.313	0.007	85	393807	50.0	50.0	
91 Chlorobenzene	112	9.338	9.338	0.000	95	4376715	500.0	418.6	
92 Ethylbenzene	106	9.399	9.399	0.000	98	2257187	500.0	403.2	
93 1,1,1,2-Tetrachloroethane	131	9.417	9.411	0.006	96	1524616	500.0	393.0	
94 m-Xylene & p-Xylene	106	9.496	9.496	0.000	99	2918431	500.0	417.5	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	1155031	500.0	391.6	
96 o-Xylene	106	9.819	9.813	0.006	93	2736695	500.0	402.0	
97 Styrene	104	9.838	9.838	0.000	95	4425735	500.0	401.0	
98 Amyl acetate (mixed isomer	43	9.954	9.953	0.001	92	2144015	500.0	442.8	
99 Bromoform	173	10.008	10.002	0.006	94	1099474	500.0	412.9	
100 Isopropylbenzene	105	10.088	10.088	0.000	96	7498127	500.0	416.3	
$ 101 4-Bromofluorobenzene	174	10.246	10.240	0.006	87	141392	50.0	47.0	
104 Camphene	41	10.264	10.258	0.006	94	603187	500.0	464.9	
102 Bromobenzene	156	10.356	10.356	0.000	98	1672693	500.0	394.9	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.368	0.000	98	1707856	500.0	417.7	
105 N-Propylbenzene	91	10.399	10.392	0.007	99	8505518	500.0	417.3	
106 1,2,3-Trichloropropane	110	10.417	10.411	0.006	96	468408	500.0	385.2	
107 trans-1,4-Dichloro-2-buten	53	10.423	10.417	0.006	93	447777	500.0	394.3	
108 4-Ethyltoluene	105	10.478	10.478	0.000	98	6767468	500.0	385.2	
109 2-Chlorotoluene	91	10.484	10.484	0.000	96	5402069	500.0	397.8	
110 1,3,5-Trimethylbenzene	105	10.527	10.527	0.000	93	6322861	500.0	435.4	
111 4-Chlorotoluene	91	10.569	10.569	0.000	98	5098771	500.0	412.0	
112 Butyl Methacrylate	87	10.581	10.581	0.000	89	1984845	500.0	411.6	
113 tert-Butylbenzene	119	10.758	10.752	0.006	92	5492567	500.0	439.8	
114 1,2,4-Trimethylbenzene	105	10.801	10.801	0.000	98	6333530	500.0	423.5	
115 sec-Butylbenzene	105	10.917	10.911	0.006	99	8267280	500.0	436.7	
116 4-Isopropyltoluene	119	11.014	11.008	0.006	97	6671210	500.0	412.1	
117 1,3-Dichlorobenzene	146	11.033	11.026	0.007	94	2944692	500.0	367.0	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	95	201055	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.100	11.100	0.000	92	2818549	500.0	334.1	
120 Benzyl chloride	126	11.203	11.197	0.006	99	785076	500.0	419.3	
121 2,3-Dihydroindene	117	11.258	11.252	0.006	95	6422748	500.0	372.1	
122 p-Diethylbenzene	119	11.283	11.282	0.001	91	3996372	500.0	382.3	
123 n-Butylbenzene	92	11.301	11.301	0.000	99	3498533	500.0	412.4	
124 1,2-Dichlorobenzene	146	11.374	11.368	0.006	95	3103539	500.0	396.4	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.880	0.000	97	6632462	500.0	422.7	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	96	451559	500.0	424.1	
127 1,3,5-Trichlorobenzene	180	12.118	12.112	0.006	98	2415903	500.0	377.0	
128 Camphor	95	12.624	12.624	0.000	90	1124142	2500.0	2079.4	
129 1,2,4-Trichlorobenzene	180	12.715	12.715	0.000	94	2265946	500.0	374.1	
130 Hexachlorobutadiene	225	12.819	12.819	0.000	87	1138162	500.0	411.1	
131 Naphthalene	128	12.996	12.989	0.007	99	6042651	500.0	398.1	
132 1,2,3-Trichlorobenzene	180	13.270	13.264	0.006	95	2212208	500.0	393.0	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	812.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		1000.0	819.5	
S 135 Total BTEX	1				0		2500.0	2078.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	6.00	Units: uL	
GASES Li_00102	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00021	Amount Added:	50.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00013	Amount Added:	1.00	Units: uL	Run Reagent

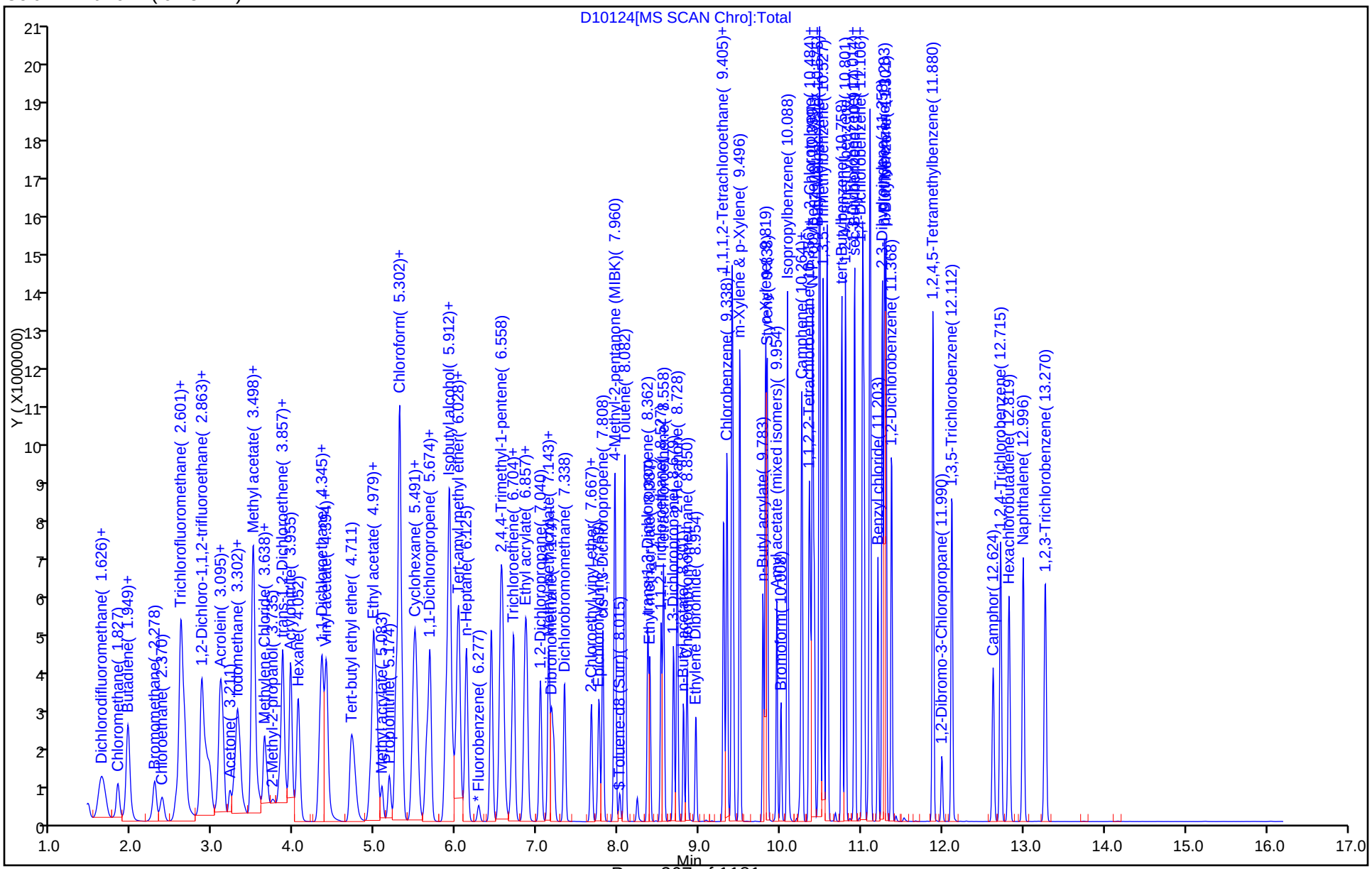
Report Date: 15-May-2015 08:55:19 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Injection Date:	15-May-2015 00:30:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

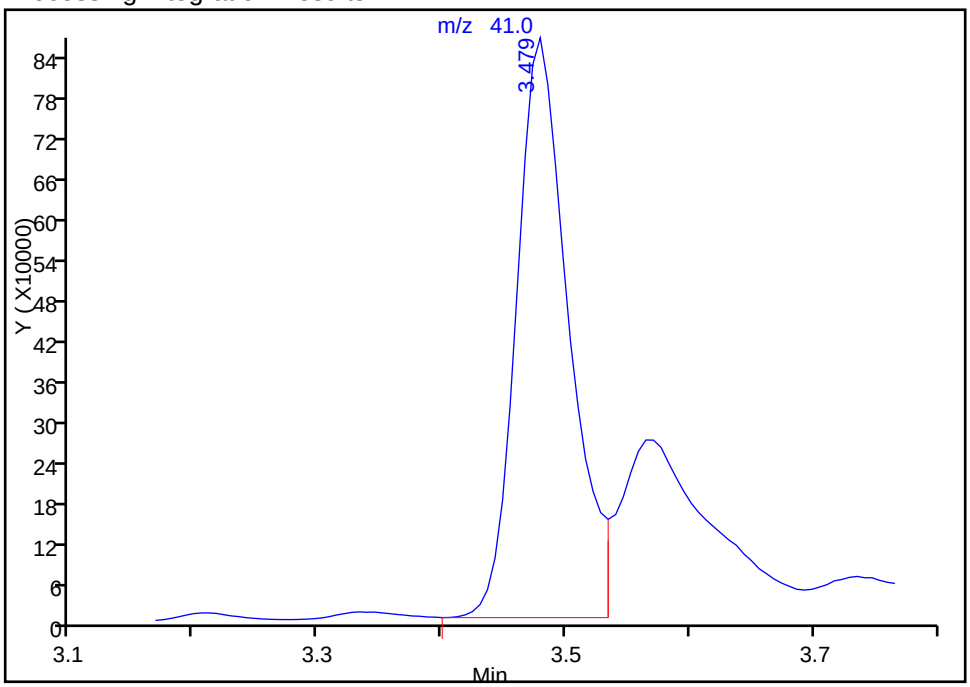
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D
Injection Date: 15-May-2015 00:30:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

25 Acetonitrile, CAS: 75-05-8

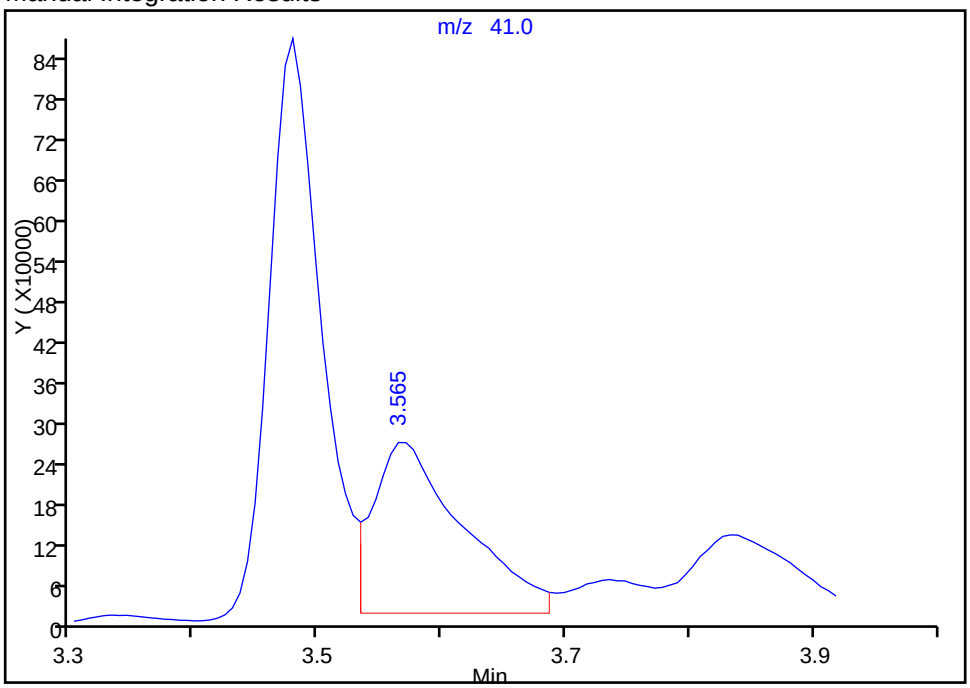
Processing Integration Results

RT: 3.48
Area: 2552692
Amount: 5004.9466
Amount Units: ug/l



Manual Integration Results

RT: 3.56
Area: 1288333
Amount: 4329.8021
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:39:28
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

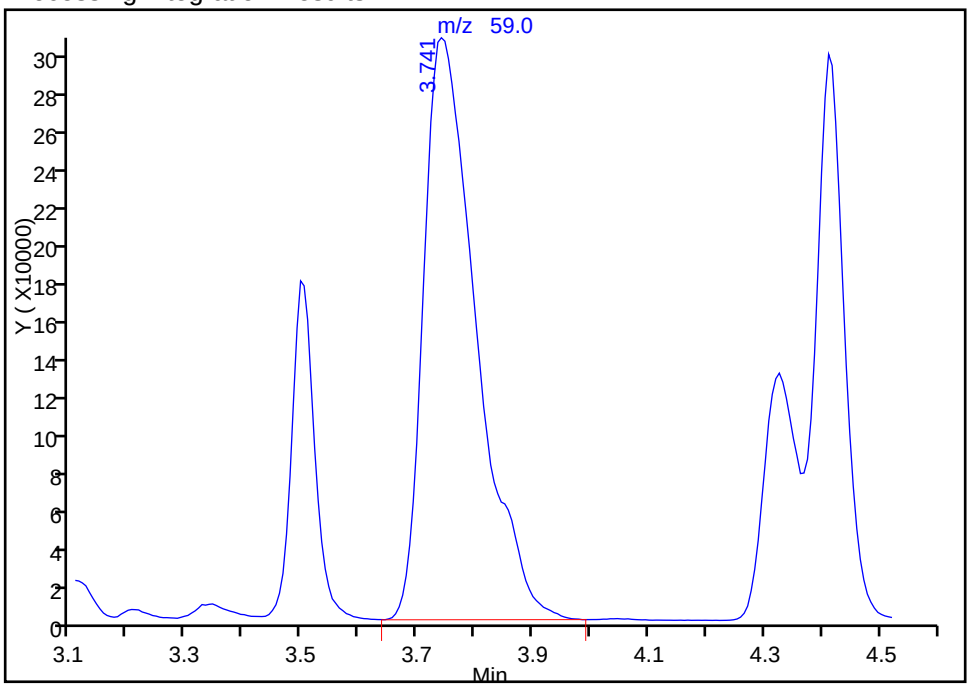
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D
Injection Date: 15-May-2015 00:30:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

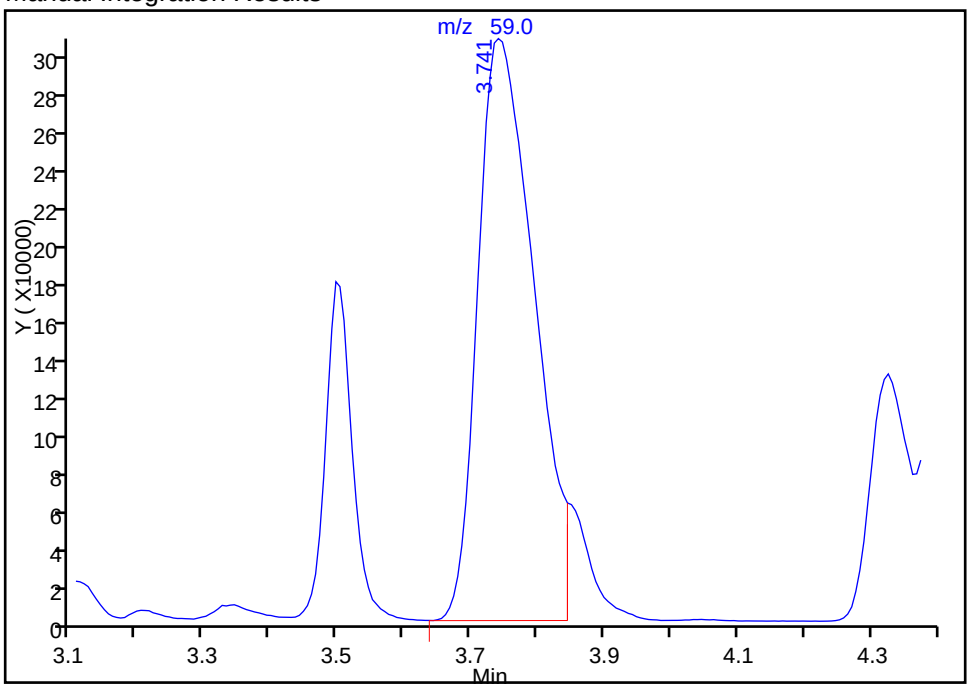
Processing Integration Results

RT: 3.74
Area: 1905106
Amount: 5002.2692
Amount Units: ug/l



Manual Integration Results

RT: 3.74
Area: 1770906
Amount: 5001.6423
Amount Units: ug/l



Reviewer: delpolitov, 15-May-2015 08:32:40
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-294770/12	F26759.D
Level 2	STD1 460-294770/4	F26751.D
Level 3	STD5 460-294770/5	F26752.D
Level 4	STD20 460-294770/6	F26753.D
Level 5	STD50 460-294770/7	F26754.D
Level 6	STD200 460-294770/8	F26755.D
Level 7	STD500 460-294770/9	F26756.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0459	0.0306 0.0440	0.0498	0.0466	0.0489	Ave		0.0443				15.8		20.0			
Dichlorodifluoromethane	+++++ 0.3612	0.3869 0.3374	0.4436	0.3848	0.3765	Ave		0.3817			0.1000	9.3		20.0			
Chloromethane	+++++ 0.2000	0.2928 0.1919	0.2457	0.2234	0.2187	Ave		0.2288			0.1000	16.0		20.0			
Butadiene	+++++ 0.1930	0.2561 0.1856	0.2510	0.2221	0.2096	Ave		0.2196				13.3		20.0			
Vinyl chloride	+++++ 0.2406	0.2663 0.2336	0.2886	0.2622	0.2585	Ave		0.2583			0.1000	7.6		20.0			
Bromomethane	+++++ 19.963	21.252 14.963	21.517	23.878	22.461	Ave		20.672			0.1000	14.9		20.0			
Chloroethane	+++++ 14.413	16.658 11.467	16.041	17.250	16.389	Ave		15.370			0.1000	13.9		20.0			
Dichlorofluoromethane	+++++ 0.3642	0.4560 0.3050	0.4765	0.4387	0.4178	Ave		0.4097				15.6		20.0			
Trichlorofluoromethane	+++++ 0.3960	0.4184 0.3173	0.4525	0.4429	0.4372	Ave		0.4107			0.1000	12.2		20.0			
Pentane	+++++ 0.0260	0.0230 0.0208	0.0308	0.0263	0.0296	Ave		0.0261				14.5		20.0			
Ethanol	+++++ 0.4639	0.8214 0.4184	0.4718	0.4876	0.5032	QuaF		0.4964	-0.000004						1.0000		0.9900
Ethyl ether	+++++ 0.1050	0.1283 0.0833	0.1126	0.1176	0.1204	Ave		0.1112				14.1		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1634	0.1779 0.1352	0.1889	0.1633	0.1731	Ave		0.1670				11.0		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2173	0.2240 0.1689	0.2488	0.2107	0.2249	Ave		0.2158				12.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 1.4512	1.5474 1.4090	1.3575	1.4758	1.4283	Ave		1.4449				4.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2909	0.3023 0.2661	0.2263	0.2650	0.3177	Ave		0.2780			0.1000	11.7		20.0			
1,1-Dichloroethene	+++++ 0.2586	0.2752 0.2338	0.2654	0.2574	0.2911	Ave		0.2636			0.1000	7.3		20.0			
Acetone	+++++ 6.8529	8.9795 6.5194	7.3621	7.2273	7.2519	Ave		7.3655			0.0500	11.5		20.0			
Iodomethane	+++++ 0.6586	0.7934 0.5899	0.8409	0.7189	0.7713	Ave		0.7289				12.7		20.0			
Isopropyl alcohol	+++++ 1.4156	1.9439 1.3444	1.6461	1.5109	1.5432	Ave		1.5674				13.5		20.0			
Carbon disulfide	+++++ 0.7807	0.8832 0.7241	0.8723	0.7758	0.8672	Ave		0.8172			0.1000	8.0		20.0			
Allyl chloride	+++++ 0.2781	0.4012 0.2549	0.3988	0.3427	0.3555	Ave		0.3385				18.0		20.0			
Methyl acetate	+++++ 0.1249	0.1501 0.1061	0.1612	0.1477	0.1485	Ave		0.1398			0.1000	14.5		20.0			
Cyclopentene	+++++ 0.5750	0.5797 0.5182	0.6520	0.6190	0.6592	Ave		0.6005				8.9		20.0			
Acetonitrile	+++++ 0.0231	0.0235 0.0214	0.0286	0.0263	0.0266	Ave		0.0249				10.8		20.0			
Methylene Chloride	+++++ 0.2519	0.3489 0.2370	0.3185	0.2761	0.2913	Ave		0.2873			0.1000	14.5		20.0			
2-Methyl-2-propanol	+++++ 2.6696	3.3244 2.6411	3.0009	2.6490	2.7542	Ave		2.8399				9.6		20.0			
Methyl tert-butyl ether	+++++ 0.7100	0.8013 0.6563	0.8402	0.7730	0.8147	Ave		0.7659			0.1000	9.1		20.0			
trans-1,2-Dichloroethene	+++++ 0.2518	0.3173 0.2260	0.2961	0.2672	0.2888	Ave		0.2745			0.1000	12.0		20.0			
Acrylonitrile	0.0708 0.0585	0.0625 0.0532	0.0747	0.0665	0.0681	Ave		0.0649				11.4		20.0			
Hexane	+++++ 0.1324	0.1573 0.1085	0.0992	0.1314	0.1551	Ave		0.1307				18.1		20.0			
Isopropyl ether	+++++ 0.4885	0.5637 0.4396	0.5807	0.5370	0.5587	Ave		0.5280				10.2		20.0			
1,1-Dichloroethane	+++++ 0.3645	0.4118 0.3307	0.4360	0.3930	0.4214	Ave		0.3929			0.2000	10.0		20.0			
Vinyl acetate	+++++ 1.1300	0.8704 0.9273	1.0943	1.0926	0.9821	Ave		1.0161				10.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Allyl alcohol	+++++ 0.4509	0.3491 0.4046	0.3832	0.4453	0.4579	Ave		0.4152				10.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.1959	0.1915 0.1777	0.2312	0.2019	0.2196	Ave		0.2030				9.6		20.0			
Tert-butyl ethyl ether	+++++ 0.6342	0.6789 0.5945	0.7165	0.6661	0.7098	Ave		0.6667				7.0		20.0			
2,2-Dichloropropane	+++++ 0.3481	0.4162 0.3065	0.4152	0.3741	0.4078	Ave		0.3780				11.7		20.0			
cis-1,2-Dichloroethene	+++++ 0.2555	0.3073 0.2370	0.3074	0.2733	0.2919	Ave		0.2787			0.1000	10.3		20.0			
2-Butanone (MEK)	+++++ 2.3040	1.9197 2.3087	2.1157	2.0787	2.2919	Ave		2.1698			0.0500	7.3		20.0			
Ethyl acetate	+++++ 0.0127	0.0159 0.0123	0.0128	0.0133	0.0136	Ave		0.0134				9.5		20.0			
Methyl acrylate	+++++ 0.1148	0.1599 0.1137	0.1348	0.1327	0.1304	Ave		0.1310				12.8		20.0			
Propionitrile	+++++ 2.9362	2.9641 2.9466	2.9972	2.9385	2.9669	Ave		2.9582				0.8		20.0			
Chlorobromomethane	+++++ 0.1522	0.1681 0.1407	0.1746	0.1662	0.1741	Ave		0.1626				8.3		20.0			
Tetrahydrofuran	+++++ 0.0502	0.0600 0.0471	0.0628	0.0572	0.0580	Ave		0.0559				10.8		20.0			
Methacrylonitrile	+++++ 0.0570	0.0645 0.0546	0.0654	0.0631	0.0645	Ave		0.0615				7.4		20.0			
Chloroform	+++++ 0.4043	0.4854 0.3542	0.4842	0.4427	0.4660	Ave		0.4395			0.2000	11.7		20.0			
Cyclohexane	+++++ 0.3208	0.3361 0.2931	0.2469	0.3087	0.3630	Ave		0.3114			0.1000	12.7		20.0			
1,1,1-Trichloroethane	+++++ 0.4412	0.4841 0.4024	0.4705	0.4459	0.5039	Ave		0.4580			0.1000	7.8		20.0			
Carbon tetrachloride	+++++ 0.4325	0.3892 0.4054	0.3781	0.3872	0.4622	Ave		0.4091			0.1000	7.9		20.0			
1,1-Dichloropropene	+++++ 0.2613	0.2621 0.2452	0.2459	0.2393	0.2784	Ave		0.2554				5.7		20.0			
Isobutyl alcohol	+++++ 1.5651	1.2350 1.4919	1.4464	1.4251	1.5892	Ave		1.4588				8.7		20.0			
Benzene	+++++ 0.8291	0.9611 0.7275	1.0311	0.9421	0.9949	Ave		0.9143			0.5000	12.5		20.0			
Isopropyl acetate	+++++ 0.4767	0.5125 0.4767	0.5461	0.4918	0.5257	Ave		0.5049				5.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 0.7647	0.7803 0.7409	0.8362	0.7913	0.8355	Ave		0.7915				4.8		20.0			
1,2-Dichloroethane	+++++ 0.2932	0.3564 0.2772	0.3380	0.3043	0.3239	Ave		0.3155			0.1000	9.3		20.0			
n-Heptane	+++++ 0.1118	0.1032 0.0972	0.0621	0.0997	0.1237	QuaF		0.1217	-0.000049						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	+++++ 0.5286	0.3824 0.5009	0.5207	0.4828	0.5741	Ave		0.4982				13.0		20.0			
n-Butanol	+++++ 0.5896	0.7350 0.6297	0.4244	0.5215	0.5631	Ave		0.5772				18.1		20.0			
Trichloroethene	+++++ 0.2258	0.2297 0.2274	0.2256	0.2118	0.2360	Ave		0.2260			0.2000	3.5		20.0			
Methylcyclohexane	+++++ 0.3975	0.3929 0.3773	0.2631	0.3642	0.4435	Ave		0.3731			0.1000	16.1		20.0			
Ethyl acrylate	+++++ 0.4112	0.3985 0.4027	0.3055	0.3829	0.4448	Ave		0.3909				11.9		20.0			
1,2-Dichloropropane	+++++ 0.1539	0.1577 0.1587	0.1534	0.1437	0.1589	Ave		0.1544			0.1000	3.7		20.0			
Methyl methacrylate	+++++ 0.0412	0.0323 0.0458	0.0346	0.0359	0.0393	Ave		0.0382				12.9		20.0			
Dibromomethane	+++++ 0.1478	0.1528 0.1466	0.1583	0.1487	0.1578	Ave		0.1520				3.4		20.0			
1,4-Dioxane	+++++ 0.7934	0.9473 0.7006	0.8694	0.8962	0.8942	Ave		0.8502				10.4		20.0			
n-Propyl acetate	+++++ 0.1559	0.1733 0.1747	0.1346	0.1329	0.1484	Ave		0.1533				11.9		20.0			
Dichlorobromomethane	+++++ 0.3095	0.2492 0.3224	0.2763	0.2747	0.3083	Ave		0.2901			0.2000	9.6		20.0			
2-Nitropropane	+++++ 0.0492	0.0552 0.0537	0.0481	0.0447	0.0488	Ave		0.0500				7.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0767	0.0667 0.0877	0.0704	0.0691	0.0741	Ave		0.0741				10.2		20.0			
Epichlorohydrin	0.0158 0.0153	0.0184 0.0144	0.0184	0.0166	0.0177	Ave		0.0167				9.4		20.0			
cis-1,3-Dichloropropene	+++++ 0.3358	0.3172 0.3266	0.3526	0.3337	0.3632	Ave		0.3382			0.2000	5.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.1539	0.1367 0.1497	0.1669	0.1552	0.1676	Ave		0.1550			0.0500	7.4		20.0			
Toluene	+++++ 0.8974	0.9099 0.8689	0.8831	0.8586	0.9564	Ave		0.8957			0.4000	3.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	+++++ 0.3057	0.3028 0.3046	0.3296	0.3155	0.3315	Ave		0.3149			0.1000	4.1		20.0			
Ethyl methacrylate	+++++ 0.1862	0.1846 0.1987	0.1654	0.1703	0.1852	Ave		0.1817				6.6		20.0			
1,1,2-Trichloroethane	+++++ 0.1528	0.1432 0.1513	0.1558	0.1471	0.1618	Ave		0.1520			0.1000	4.3		20.0			
Tetrachloroethene	+++++ 0.3617	0.3689 0.3356	0.3231	0.3384	0.3868	Ave		0.3524			0.2000	6.8		20.0			
1,3-Dichloropropane	+++++ 0.2795	0.2541 0.2849	0.2830	0.2644	0.2931	Ave		0.2765				5.2		20.0			
2-Hexanone	+++++ 0.0892	0.1055 0.0951	0.1000	0.0910	0.0940	Ave		0.0958			0.0500	6.3		20.0			
n-Butyl acetate	+++++ 0.1618	0.2165 0.1792	0.1914	0.1744	0.1705	Ave		0.1823				10.7		20.0			
Chlorodibromomethane	+++++ 0.3324	0.2419 0.3272	0.2574	0.2894	0.3281	Ave		0.2961			0.1000	13.3		20.0			
Ethylene Dibromide	+++++ 0.2361	0.2444 0.2331	0.2563	0.2435	0.2534	Ave		0.2445			0.1000	3.7		20.0			
Chlorobenzene	+++++ 0.7568	0.7885 0.7409	0.7841	0.7465	0.8014	Ave		0.7697			0.5000	3.2		20.0			
Ethylbenzene	+++++ 0.3612	0.3489 0.3503	0.3460	0.3446	0.3826	Ave		0.3556			0.1000	4.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3750	0.3442 0.3276	0.3929	0.3862	0.4275	Ave		0.3756				9.5		20.0			
m-Xylene & p-Xylene	+++++ 0.4694	0.4474 0.4660	0.4536	0.4391	0.4836	Ave		0.4598			0.1000	3.5		20.0			
o-Xylene	+++++ 0.5173	0.4937 0.4876	0.5432	0.5192	0.5736	Ave		0.5224			0.3000	6.1		20.0			
Styrene	+++++ 0.7774	0.7837 0.7674	0.8757	0.8099	0.8460	Ave		0.8100			0.3000	5.3		20.0			
n-Butyl acrylate	+++++ 0.1219	0.1407 0.1310	0.1585	0.1453	0.1415	Ave		0.1398				8.9		20.0			
Bromoform	+++++ 0.2404	0.1942 0.2452	0.1989	0.2103	0.2466	Ave		0.2226			0.1000	10.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.3777	0.4182 0.4436	0.4156	0.3917	0.3791	Ave		0.4043				6.4		20.0			
Isopropylbenzene	+++++ 1.4343	1.3766 1.3164	1.3897	1.4104	1.6094	Ave		1.4228			0.1000	7.0		20.0			
Camphene	+++++ 0.1071	0.0895 0.1004	0.1124	0.1016	0.1142	Ave		0.1042				8.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	+++++ 0.6858	0.6335 0.7024	0.6588	0.6341	0.6703	Ave		0.6641				4.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.3948	0.3543 0.3896	0.3959	0.3977	0.4118	Ave		0.3907			0.3000	4.9		20.0			
N-Propylbenzene	+++++ 2.0598	1.7974 2.1066	1.6939	1.7731	2.0035	Ave		1.9057				9.0		20.0			
1,2,3-Trichloropropane	+++++ 0.1306	0.1159 0.1341	0.1354	0.1325	0.1360	Ave		0.1307				5.8		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.0861	0.0743 0.0902	0.0872	0.0833	0.0873	Ave		0.0848				6.6		20.0			
2-Chlorotoluene	+++++ 1.3793	1.2916 1.3909	1.2644	1.2465	1.3848	Ave		1.3262				5.0		20.0			
4-Ethyltoluene	+++++ 1.9497	1.7231 2.0247	1.8396	1.7697	1.8857	Ave		1.8654				6.0		20.0			
1,3,5-Trimethylbenzene	+++++ 1.9002	1.5874 1.7727	1.5728	1.7043	1.9308	Ave		1.7447				8.7		20.0			
4-Chlorotoluene	+++++ 1.4668	1.4464 1.4809	1.3809	1.3709	1.4650	Ave		1.4351				3.3		20.0			
Butyl Methacrylate	+++++ 0.4276	0.3976 0.4750	0.4196	0.4173	0.4383	Ave		0.4292				6.1		20.0			
tert-Butylbenzene	+++++ 1.8459	1.3037 1.7534	1.2988	1.5289	1.8403	Ave		1.5952				16.0		20.0			
1,2,4-Trimethylbenzene	+++++ 1.8893	1.6629 1.8546	1.6544	1.7091	1.9010	Ave		1.7785				6.5		20.0			
sec-Butylbenzene	+++++ 2.4163	1.8929 2.3022	1.7055	2.0360	2.4429	Ave		2.1326				14.1		20.0			
1,3-Dichlorobenzene	+++++ 1.1788	1.1797 1.1751	1.1754	1.1561	1.2471	Ave		1.1854			0.6000	2.7		20.0			
4-Isopropyltoluene	+++++ 2.2793	1.8977 2.1454	1.7654	2.0110	2.3291	Ave		2.0713				10.6		20.0			
1,4-Dichlorobenzene	+++++ 1.1880	1.2356 1.1925	1.2651	1.2099	1.2733	Ave		1.2274			0.5000	3.0		20.0			
Benzyl chloride	+++++ 0.8979	0.8943 0.8988	0.9145	0.9081	0.9754	Ave		0.9148				3.3		20.0			
Indan	+++++ 1.8897	1.8115 1.8118	1.9441	1.9028	2.0302	Ave		1.8984				4.4		20.0			
p-Diethylbenzene	+++++ 1.1829	1.1531 1.0898	1.2620	1.1892	1.2764	Ave		1.1922				5.8		20.0			
1,2-Dichlorobenzene	+++++ 1.1140	1.2122 0.9561	1.2263	1.1939	1.2590	Ave		1.1603			0.4000	9.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 1.8812	1.9587 1.7050	1.7938	1.8523	2.0451	Ave		1.8727				6.4		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.9388	1.9053 1.7423	2.1239	2.0245	2.1651	Ave		1.9833				7.8		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0802	0.0500 0.0775	0.0708	0.0729	0.0833	Ave		0.0725			0.0500	16.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.9731	0.9901 0.8479	1.0903	1.0480	1.1397	Ave		1.0148				10.1		20.0			
Camphor	+++++ 0.0423	0.0662 0.0456	0.0428	0.0417	0.0462	Ave		0.0475				19.7		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7526	0.9785 0.6494	0.7279	0.7217	0.8484	Ave		0.7797			0.2000	15.0		20.0			
Hexachlorobutadiene	+++++ 0.3557	0.4597 0.3141	0.3392	0.3829	0.4429	Ave		0.3824				15.2		20.0			
Naphthalene	+++++ 1.0745	1.1887 0.9830	0.9680	0.9797	1.1881	Ave		1.0637				9.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4780	0.6708 0.4299	0.4477	0.4551	0.5398	Ave		0.5036				17.9		20.0			
Dibromofluoromethane (Surr)	0.3081 0.2808	0.3064 0.2612	0.2471	0.3126	0.3023	Ave		0.2883				9.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2957 0.2800	0.3017 0.2855	0.2399	0.3086	0.3137	Ave		0.2893				8.6		20.0			
Toluene-d8 (Surr)	0.9107 0.9642	0.9140 0.9494	0.7403	0.9721	0.9787	Ave		0.9185				9.0		20.0			
4-Bromofluorobenzene	0.5518 0.4686	0.5524 0.4473	0.4460	0.5450	0.5106	Ave		0.5031				9.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-294770/12	F26759.D
Level 2	STD1 460-294770/4	F26751.D
Level 3	STD5 460-294770/5	F26752.D
Level 4	STD20 460-294770/6	F26753.D
Level 5	STD50 460-294770/7	F26754.D
Level 6	STD200 460-294770/8	F26755.D
Level 7	STD500 460-294770/9	F26756.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 55782	171 137828	1314	5253	13715	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 438973	2159 1055779	11700	43349	105653	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 243072	1634 600586	6481	25170	61364	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 234580	1429 580873	6619	25025	58835	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 292463	1486 730827	7611	29541	72548	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	TBA	Ave	+++++ 179037	879 333243	4660	21090	49678	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	TBA	Ave	+++++ 129259	689 255397	3474	15236	36248	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 442649	2545 954486	12568	49421	117253	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 481357	2335 992828	11935	49893	122690	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 63230	257 130303	1625	5921	16611	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	QuaF	+++++ 166413	1359 372719	4087	17228	44514	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 127582	716 260637	2969	13250	33796	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 198582	993 423093	4982	18400	48570	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 264125	1250 528495	6563	23739	63120	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 13015	256 25104	1176	2607	6318	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 353527	1687 832529	5969	29852	89170	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 314267	1536 731691	6999	29001	81698	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	TBA	Ave	+++++ 307296	1857 725983	7972	31917	80195	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 800496	4428 1845846	22178	80994	216469	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 126953	804 299422	3565	13345	34132	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 948851	4929 2265607	23007	87399	243373	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	+++++ 337985	2239 797745	10518	38612	99775	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 759160	4189 1660099	21257	83215	208345	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 698819	3235 1621552	17195	69731	185013	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	FB	Ave	+++++ 281350	1311 668401	7547	29633	74586	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 306213	1947 741600	8401	31104	81764	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 239421	1375 588210	6499	23397	60914	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 862895	4472 2053644	22160	87083	228648	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 306038	1771 707150	7808	30106	81041	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	716 711279	3489 1665780	19699	74947	191187	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 160919	878 339593	2616	14798	43536	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 593671	3146 1375390	15315	60497	156786	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 443023	2298 1034747	11498	44272	118274	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBA	Ave	+++++ 20268	72 41304	474	1930	4344	+++++ 400	2.00 1000	10.0	40.0	100
Allyl alcohol	TBA	Ave	+++++ 101099	361 225286	2075	9832	25317	+++++ 5000	25.0 12500	125	500	1250
2-Chloro-1,3-butadiene	FB	Ave	+++++ 238155	1069 556164	6098	22742	61641	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 770839	3789 1860150	18898	75042	199198	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 423114	2323 959146	10951	42143	114448	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 310579	1715 741591	8106	30791	81923	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	TBA	Ave	+++++ 103316	397 257095	2291	9180	25345	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	FB	Ave	+++++ 30848	177 77020	675	2989	7644	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	CBZ	Ave	+++++ 123132	711 345175	2765	11740	29494	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 263332	1226 656244	6491	25954	65618	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 185011	938 440117	4605	18720	48859	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	+++++ 121926	670 294476	3315	12881	32580	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 692800	3600 1707314	17261	71091	181086	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 491443	2709 1108345	12770	49879	130781	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 389930	1876 917013	6512	34780	101884	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 536200	2702 1259253	12408	50238	141410	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 525655	2172 1268444	9973	43624	129716	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 317530	1463 767363	6486	26964	78136	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 350904	1277 830685	7831	31467	87870	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBZ	Ave	+++++ 889530	4275 2208205	21151	83346	225096	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 579334	2860 1491728	14403	55404	147542	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 929403	4355 2318360	22054	89141	234471	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 356388	1989 867436	8915	34284	90891	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	+++++ 135937	576 304025	1639	11235	34718	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 1284941	4268 3134705	27464	108794	322230	+++++ 400	2.00 1000	10.0	40.0	100
n-Butanol	TBA	Ave	+++++ 132201	760 350592	2298	11516	31134	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 274435	1282 711556	5949	23857	66224	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 483091	2193 1180712	6940	41035	124469	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 499765	2224 1260006	8056	43136	124819	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 187096	880 496484	4045	16187	44608	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 100085	360 286711	1827	8095	22039	+++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	+++++ 179595	853 458650	4176	16747	44299	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 51894	596 141589	1106	4849	12463	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 189524	967 546758	3551	14976	41650	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 376159	1391 1008728	7288	30952	86526	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 119645	616 335926	2539	10081	27377	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 93251	372 274309	1857	7781	20797	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	CBZ	Ave	312 327722	1636 875091	7561	29324	79896	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 360260	1411 991264	7234	29518	82168	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	+++++ 825623	3041 2272572	17122	68642	189626	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 962794	4047 2637303	18115	75957	216385	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 327946	1347 924409	6762	27911	74991	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 199731	821 603223	3392	15068	41906	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 163935	637 459161	3196	13016	36602	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 388019	1641 1018579	6627	29936	87522	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBZ	Ave	+++++ 299881	1130 864632	5805	23391	66323	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	+++++ 478242	2346 1443171	10259	40257	106286	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBZ	Ave	+++++ 173536	963 543963	3927	15431	38566	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	+++++ 356649	1076 993036	5280	25603	74244	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 253307	1087 707595	5258	21546	57321	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 811978	3507 2248849	16084	66041	181308	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 387496	1552 1063141	7098	30489	86569	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 402316	1531 994309	8060	34166	96725	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 503549	1990 1414323	9306	38843	109421	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 555003	2196 1479964	11144	45929	129786	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 834051	3486 2329309	17963	71652	191402	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 130806	626 397685	3252	12852	32007	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 257891	864 744372	4081	18603	55797	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 264633	1480 822722	7099	27238	65130	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 1538765	6123 3995702	28509	124781	364124	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	Ave	+++++ 114866	398 304712	2306	8986	25840	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 480551	2242 1302860	11253	44094	115150	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 276667	1254 722566	6763	27659	70744	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 1443401	6361 3907231	28934	123303	344179	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 91484	410 248792	2312	9217	23371	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 60343	263 167338	1490	5796	15000	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCB	Ave	+++++ 966501	4571 2579796	21597	86682	237896	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 1366196	6098 3755489	31422	123068	323945	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1331540	5618 3288004	26866	118518	331697	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1027821	5119 2746738	23588	95334	251664	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 299659	1407 881009	7168	29019	75293	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1293455	4614 3252188	22185	106320	316139	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 1323870	5885 3439854	28259	118852	326563	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1693160	6699 4270091	29132	141589	419658	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 826008	4175 2179551	20078	80398	214239	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1597203	6716 3979337	30156	139849	400106	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 832470	4373 2211927	21609	84139	218746	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 629206	3165 1667182	15621	63148	167567	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 1324179	6411 3360566	33208	132324	348759	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 828876	4081 2021397	21557	82697	219275	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 780612	4290 1773410	20947	83026	216286	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1318191	6932 3162356	30640	128815	351333	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1358608	6743 3231530	36279	140787	371946	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 56196	177 143667	1210	5072	14317	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 681849	3504 1572723	18624	72878	195781	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 148324	1172 423346	3653	14511	39659	+++++ 1000	5.00 2500	25.0	100	250
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 527339	3463 1204502	12433	50186	145749	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 294770

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2015 23:07 Calibration End Date: 04/27/2015 02:16 Calibration ID: 49537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	+++++ 249251	1627 582503	5794	26626	76086	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 752914	4207 1823212	16535	68133	204098	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 334974	2374 797441	7648	31645	92736	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	77877 85321	85491 81715	65162	88037	84839	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	74734 85085	84202 89334	63274	86918	88033	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	179537 258602	203279 288150	151856	215010	221424	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	108774 125692	122849 135762	91496	120532	115527	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Apr-2015 23:07:30 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0026685-004
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:31:16 Calib Date: 27-Apr-2015 02:16:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.958	0.958	0.000	1	171	1.00	0.6914	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	6	2159	1.00	1.01	
3 Chloromethane	50	1.067	1.067	0.000	68	1634	1.00	1.28	
4 Butadiene	54	1.122	1.122	0.000	86	1429	1.00	1.17	
5 Vinyl chloride	62	1.140	1.140	0.000	75	1486	1.00	1.03	
6 Bromomethane	94	1.286	1.286	0.000	71	879	1.00	1.03	
7 Chloroethane	64	1.329	1.329	0.000	74	689	1.00	1.08	
8 Dichlorofluoromethane	67	1.445	1.445	0.000	74	2545	1.00	1.11	
9 Pentane	72	1.469	1.469	0.000	73	257	2.00	1.77	
10 Trichlorofluoromethane	101	1.439	1.439	0.000	51	2335	1.00	1.02	
11 Ethanol	45	1.578	1.578	0.000	44	1359	40.0	66.2	
12 Ethyl ether	59	1.585	1.585	0.000	70	716	1.00	1.15	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	87	993	1.00	1.07	
14 1,2-Dichloro-1,1,2-trifluo	117	1.609	1.609	0.000	61	1250	1.00	1.04	
15 Acrolein	56	1.688	1.688	0.000	38	256	4.00	4.28	M
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	83	1687	1.00	1.09	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	84	1536	1.00	1.04	
18 Acetone	43	1.767	1.767	0.000	64	1857	5.00	6.10	M
19 Iodomethane	142	1.804	1.804	0.000	92	4428	1.00	1.09	
20 Isopropyl alcohol	45	1.822	1.822	0.000	23	804	10.0	12.4	
21 Carbon disulfide	76	1.828	1.828	0.000	98	4929	1.00	1.08	
22 3-Chloro-1-propene	41	1.913	1.913	0.000	70	2239	1.00	1.19	
23 Methyl acetate	43	1.919	1.919	0.000	97	4189	5.00	5.37	
24 Cyclopentene	67	1.919	1.919	0.000	41	3235	1.00	0.9653	
25 Acetonitrile	41	1.956	1.956	0.000	40	1311	10.0	9.43	
27 Methylene Chloride	84	1.992	1.992	0.000	26	1947	1.00	1.21	
* 26 TBA-d9 (IS)	46	1.998	1.998	0.000	95	41361	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.041	0.000	1	1375	10.0	11.7	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	89	4472	1.00	1.05	
30 trans-1,2-Dichloroethene	96	2.114	2.114	0.000	62	1771	1.00	1.16	
31 Acrylonitrile	53	2.169	2.169	0.000	93	3489	10.0	9.63	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.223	2.223	0.000	76	878	1.00	1.20	
33 Isopropyl ether	45	2.369	2.369	0.000	90	3146	1.00	1.07	
34 1,1-Dichloroethane	63	2.394	2.394	0.000	76	2298	1.00	1.05	
35 Vinyl acetate	86	2.400	2.400	0.000	53	72	2.00	1.71	
36 Allyl alcohol	57	2.418	2.418	0.000	4	361	25.0	21.0	
37 2-Chloro-1,3-butadiene	88	2.418	2.418	0.000	76	1069	1.00	0.9436	
38 Tert-butyl ethyl ether	59	2.601	2.601	0.000	77	3789	1.00	1.02	
39 2,2-Dichloropropane	77	2.740	2.740	0.000	76	2323	1.00	1.10	
40 cis-1,2-Dichloroethene	96	2.765	2.765	0.000	84	1715	1.00	1.10	
41 2-Butanone (MEK)	72	2.777	2.777	0.000	94	397	5.00	4.42	
42 Ethyl acetate	70	2.783	2.783	0.000	67	177	2.00	2.36	
48 Methyl acrylate	55	2.820	2.820	0.000	31	711	1.00	1.22	
43 Propionitrile	54	2.874	2.874	0.000	35	1226	10.0	10.0	
44 Chlorobromomethane	128	2.929	2.929	0.000	45	938	1.00	1.03	
45 Tetrahydrofuran	42	2.941	2.941	0.000	28	670	2.00	2.15	
46 Methacrylonitrile	67	2.953	2.953	0.000	88	3600	10.0	10.5	
47 Chloroform	83	2.966	2.966	0.000	78	2709	1.00	1.10	
49 Cyclohexane	56	3.063	3.063	0.000	76	1876	1.00	1.08	
50 1,1,1-Trichloroethane	97	3.075	3.075	0.000	1	2702	1.00	1.06	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	92	85491	50.0	53.1	
52 Carbon tetrachloride	117	3.166	3.166	0.000	82	2172	1.00	0.9513	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	65	1463	1.00	1.03	
54 Isobutyl alcohol	43	3.324	3.324	0.000	1	1277	25.0	21.2	
55 Benzene	78	3.343	3.343	0.000	43	4275	1.00	1.05	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	88	84202	50.0	52.1	
57 Isopropyl acetate	43	3.397	3.397	0.000	52	2860	1.00	1.01	
58 Tert-amyl methyl ether	73	3.404	3.404	0.000	77	4355	1.00	0.9859	
59 1,2-Dichloroethane	62	3.410	3.410	0.000	57	1989	1.00	1.13	
60 n-Heptane	57	3.464	3.464	0.000	88	576	1.00	0.8486	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	279046	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.744	3.744	0.000	83	4268	2.00	1.53	
63 n-Butanol	56	3.854	3.854	0.000	1	760	25.0	31.8	M
64 Trichloroethene	95	3.854	3.854	0.000	69	1282	1.00	1.02	
65 Methylcyclohexane	83	3.951	3.951	0.000	84	2193	1.00	1.05	
66 Ethyl acrylate	55	3.963	3.963	0.000	38	2224	1.00	1.02	
67 1,2-Dichloropropane	63	4.085	4.085	0.000	36	880	1.00	1.02	
* 68 1,4-Dioxane-d8	96	4.158	4.158	0.000	64	12583	1000.0	1000.0	
69 Methyl methacrylate	100	4.176	4.176	0.000	65	360	2.00	1.69	
70 Dibromomethane	93	4.194	4.194	0.000	67	853	1.00	1.01	
71 1,4-Dioxane	88	4.207	4.207	0.000	15	596	50.0	55.7	
72 n-Propyl acetate	43	4.225	4.225	0.000	58	967	1.00	1.13	
73 Dichlorobromomethane	83	4.322	4.322	0.000	59	1391	1.00	0.8592	
74 2-Nitropropane	41	4.614	4.614	0.000	60	616	2.00	2.21	
75 2-Chloroethyl vinyl ether	63	4.639	4.639	0.000	36	372	1.00	0.8995	
76 Epichlorohydrin	57	4.718	4.718	0.000	59	1636	20.0	22.1	
77 cis-1,3-Dichloropropene	75	4.766	4.766	0.000	56	1411	1.00	0.9380	
78 4-Methyl-2-pentanone (MIBK	43	4.918	4.918	0.000	53	3041	5.00	4.41	
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	98	203279	50.0	49.8	
80 Toluene	91	5.034	5.034	0.000	82	4047	1.00	1.02	
81 trans-1,3-Dichloropropene	75	5.362	5.362	0.000	32	1347	1.00	0.9616	
82 Ethyl methacrylate	69	5.405	5.405	0.000	24	821	1.00	1.02	
83 1,1,2-Trichloroethane	83	5.545	5.545	0.000	64	637	1.00	0.9422	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.569	5.569	0.000	76	1641	1.00	1.05	
85 1,3-Dichloropropane	76	5.727	5.727	0.000	49	1130	1.00	0.9188	
86 2-Hexanone	43	5.819	5.819	0.000	84	2346	5.00	5.51	
88 n-Butyl acetate	43	5.928	5.928	0.000	43	963	1.00	1.19	
87 Chlorodibromomethane	129	5.928	5.928	0.000	33	1076	1.00	0.8171	
89 Ethylene Dibromide	107	6.062	6.062	0.000	39	1087	1.00	1.00	
* 90 Chlorobenzene-d5	117	6.573	6.573	0.000	81	222395	50.0	50.0	
91 Chlorobenzene	112	6.604	6.604	0.000	45	3507	1.00	1.02	
92 Ethylbenzene	106	6.713	6.713	0.000	87	1552	1.00	0.9812	
93 1,1,1,2-Tetrachloroethane	131	6.725	6.725	0.000	34	1531	1.00	0.9165	
94 m-Xylene & p-Xylene	106	6.859	6.859	0.000	79	1990	1.00	0.9729	
95 o-Xylene	106	7.358	7.358	0.000	63	2196	1.00	0.9450	
96 Styrene	104	7.400	7.400	0.000	88	3486	1.00	0.9676	
97 n-Butyl acrylate	73	7.407	7.407	0.000	42	626	1.00	1.01	
98 Bromoform	173	7.650	7.650	0.000	47	864	1.00	0.8726	
99 Amyl acetate (mixed isomer	43	7.735	7.735	0.000	68	1480	1.00	1.03	
100 Isopropylbenzene	105	7.869	7.869	0.000	67	6123	1.00	0.9675	
$ 101 4-Bromofluorobenzene	174	8.161	8.161	0.000	94	122849	50.0	54.9	
102 Camphene	41	8.161	8.161	0.000	32	398	1.00	0.8588	
103 Bromobenzene	156	8.356	8.356	0.000	63	2242	1.00	0.9539	
104 1,1,2,2-Tetrachloroethane	83	8.514	8.514	0.000	33	1254	1.00	0.9069	
105 N-Propylbenzene	91	8.538	8.538	0.000	90	6361	1.00	0.9432	
106 1,2,3-Trichloropropane	110	8.569	8.569	0.000	32	410	1.00	0.8861	
107 trans-1,4-Dichloro-2-buten	53	8.648	8.648	0.000	1	263	1.00	0.8768	
108 2-Chlorotoluene	91	8.690	8.690	0.000	62	4571	1.00	0.9739	
109 4-Ethyltoluene	105	8.769	8.769	0.000	75	6098	1.00	0.9237	
110 1,3,5-Trimethylbenzene	105	8.909	8.909	0.000	79	5618	1.00	0.9099	
111 4-Chlorotoluene	91	8.921	8.921	0.000	74	5119	1.00	1.01	
112 Butyl Methacrylate	87	9.232	9.232	0.000	49	1407	1.00	0.9262	M
113 tert-Butylbenzene	119	9.524	9.524	0.000	62	4614	1.00	0.8173	
114 1,2,4-Trimethylbenzene	105	9.670	9.670	0.000	63	5885	1.00	0.9350	
115 sec-Butylbenzene	105	10.041	10.041	0.000	78	6699	1.00	0.8876	
116 1,3-Dichlorobenzene	146	10.315	10.315	0.000	68	4175	1.00	1.00	
117 4-Isopropyltoluene	119	10.430	10.430	0.000	19	6716	1.00	0.9162	
* 118 1,4-Dichlorobenzene-d4	152	10.485	10.485	0.000	91	176952	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.527	10.527	0.000	38	4373	1.00	1.01	
120 Benzyl chloride	91	10.807	10.807	0.000	82	3165	1.00	0.9776	
121 2,3-Dihydroindene	117	10.886	10.886	0.000	80	6411	1.00	0.9543	
122 p-Diethylbenzene	119	11.063	11.063	0.000	82	4081	1.00	0.9672	
123 1,2-Dichlorobenzene	146	11.081	11.081	0.000	76	4290	1.00	1.04	
124 n-Butylbenzene	91	11.081	11.081	0.000	89	6932	1.00	1.05	
125 1,2,4,5-Tetramethylbenzene	119	11.896	11.896	0.000	90	6743	1.00	0.9607	
126 1,2-Dibromo-3-Chloropropan	75	11.951	11.951	0.000	25	177	1.00	0.6902	
127 1,3,5-Trichlorobenzene	180	12.073	12.073	0.000	84	3504	1.00	0.9756	
128 Camphor	95	12.486	12.486	0.000	21	1172	5.00	6.97	
129 1,2,4-Trichlorobenzene	180	12.553	12.553	0.000	80	3463	1.00	1.25	
130 Hexachlorobutadiene	225	12.645	12.645	0.000	85	1627	1.00	1.20	
131 Naphthalene	128	12.718	12.718	0.000	94	4207	1.00	1.12	
132 1,2,3-Trichlorobenzene	180	12.876	12.876	0.000	78	2374	1.00	1.33	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.26	
S 134 Xylenes, Total	100				0		2.00	1.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added:	4.00	Units: uL	
14DIOXINTER_00030	Amount Added:	30.00	Units: uL	
GAS Hi_00095	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

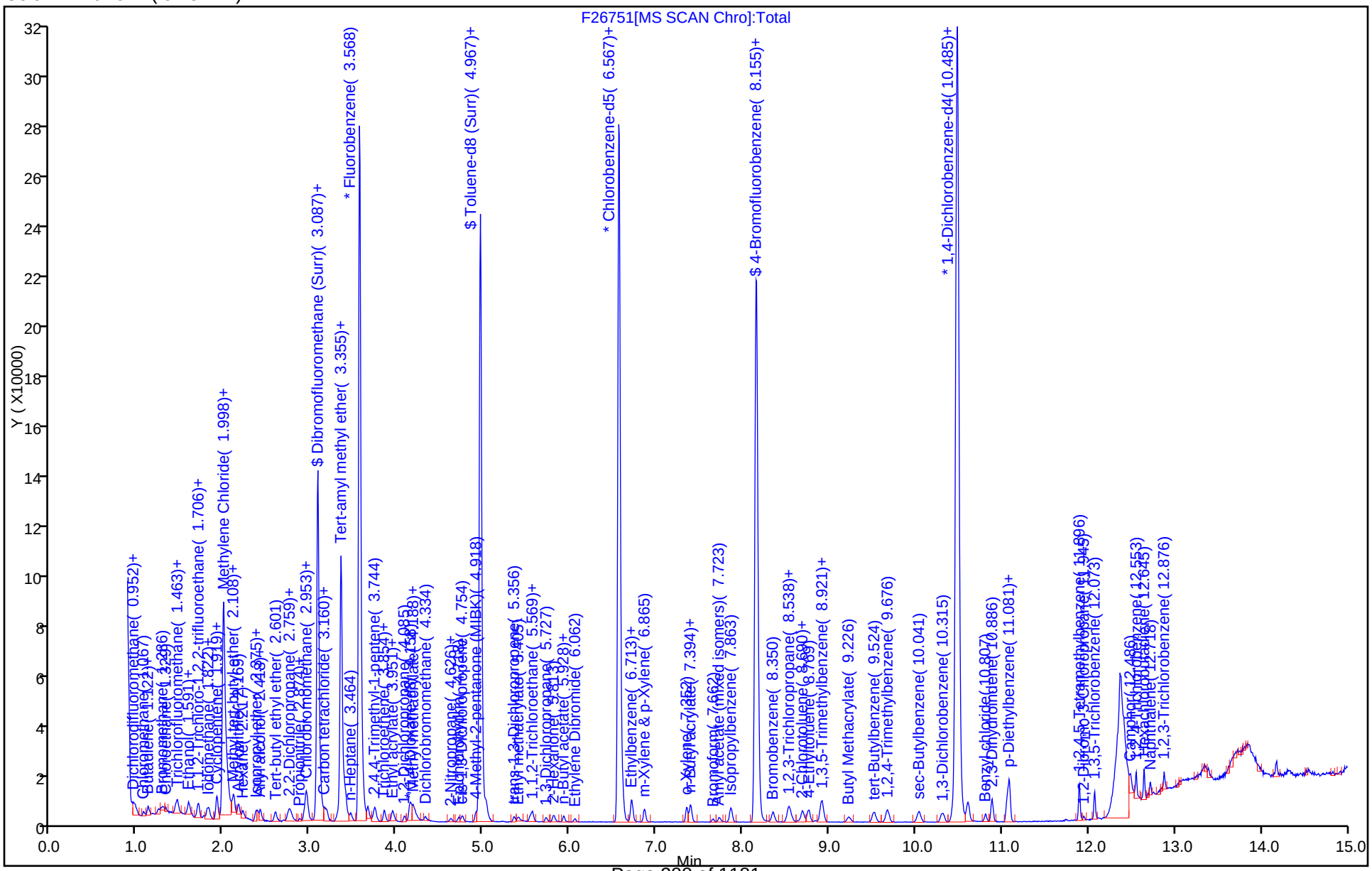
Report Date: 27-Apr-2015 14:31:22 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D

Injection Date:	26-Apr-2015 23:07:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD1			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

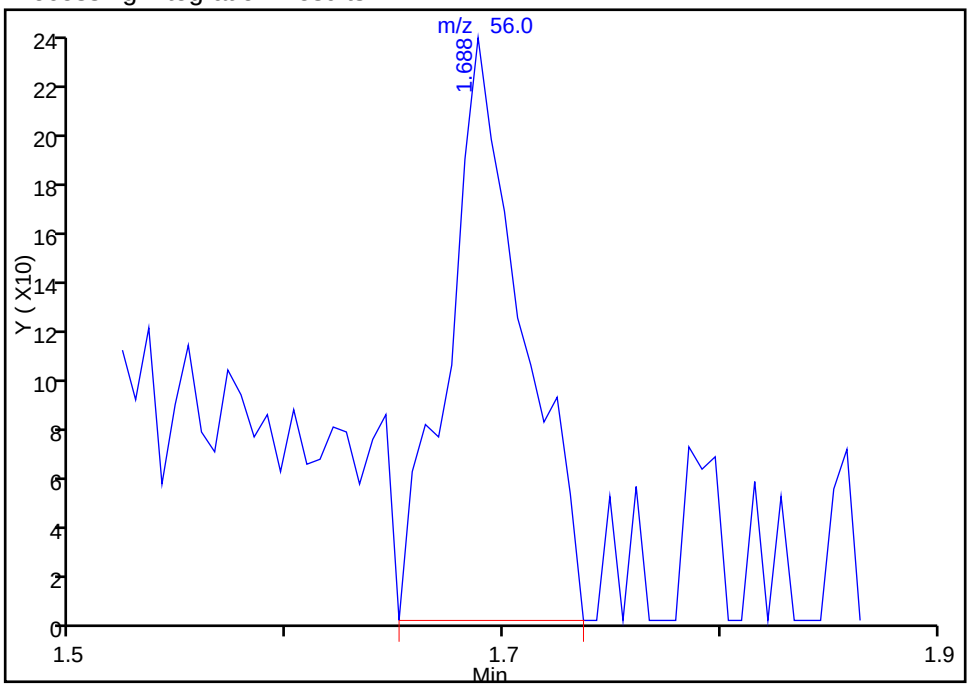
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D
Injection Date: 26-Apr-2015 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Acrolein, CAS: 107-02-8

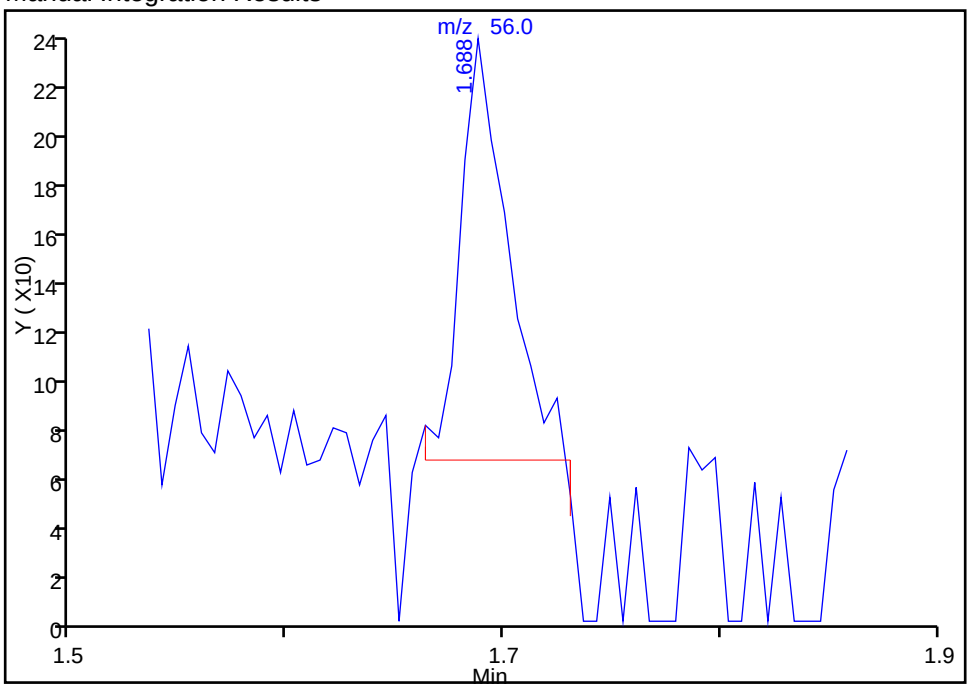
Processing Integration Results

RT: 1.69
Area: 563
Amount: 7.764985
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 256
Amount: 4.283725
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:24:03
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

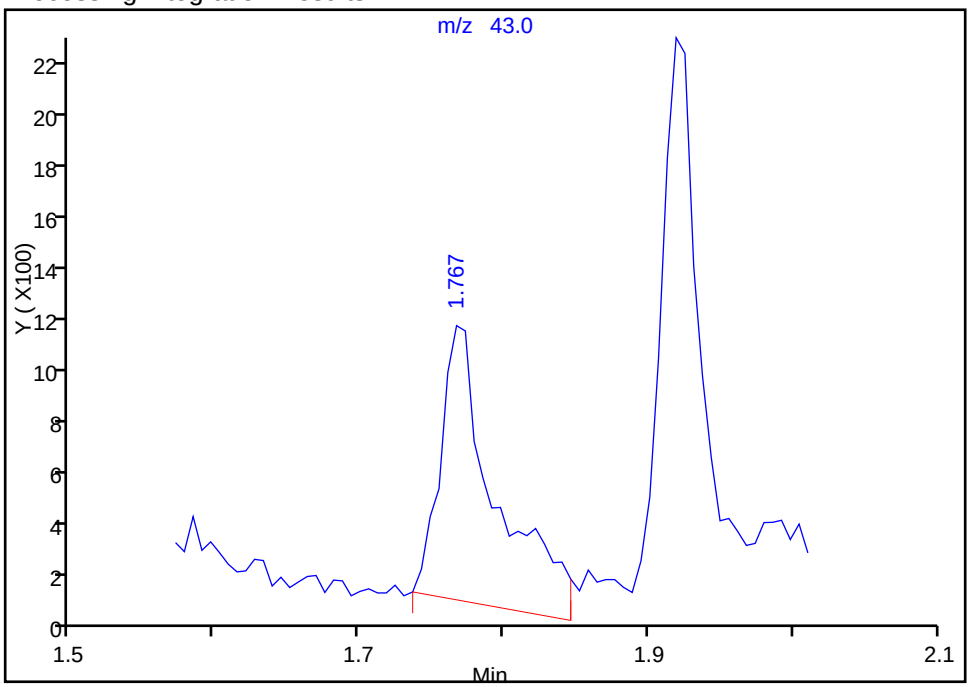
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D
Injection Date: 26-Apr-2015 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

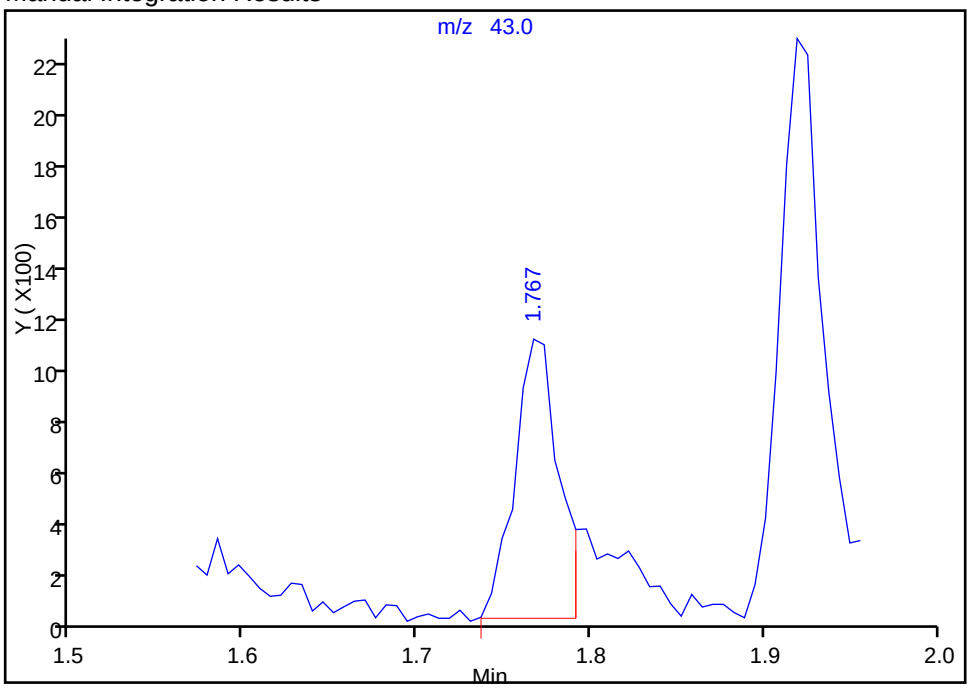
Processing Integration Results

RT: 1.77
Area: 2854
Amount: 5.035229
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 1857
Amount: 6.095642
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:12:43
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

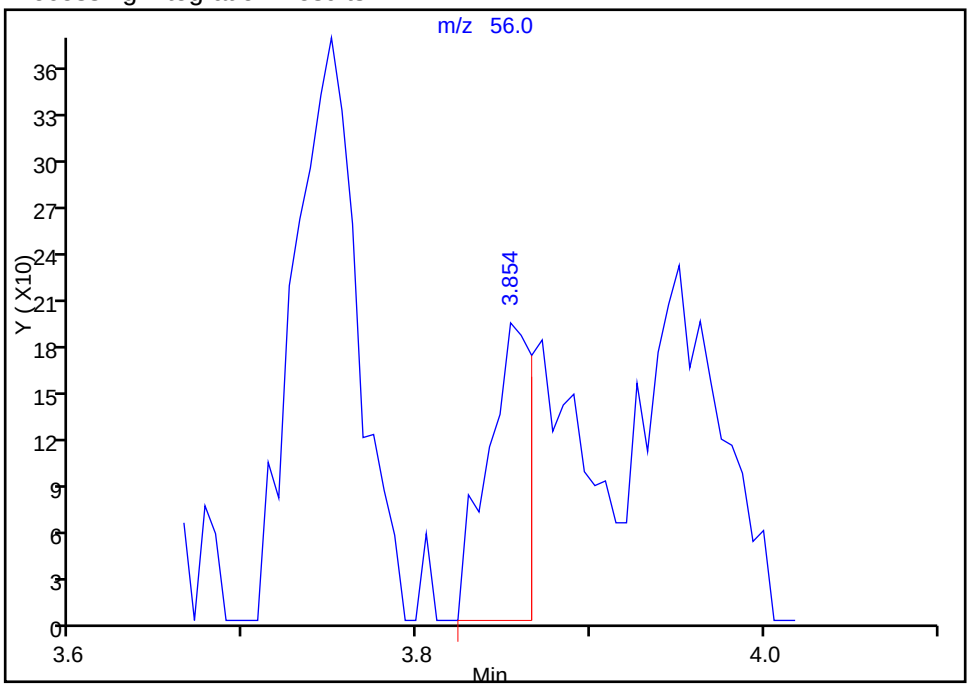
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D
Injection Date: 26-Apr-2015 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

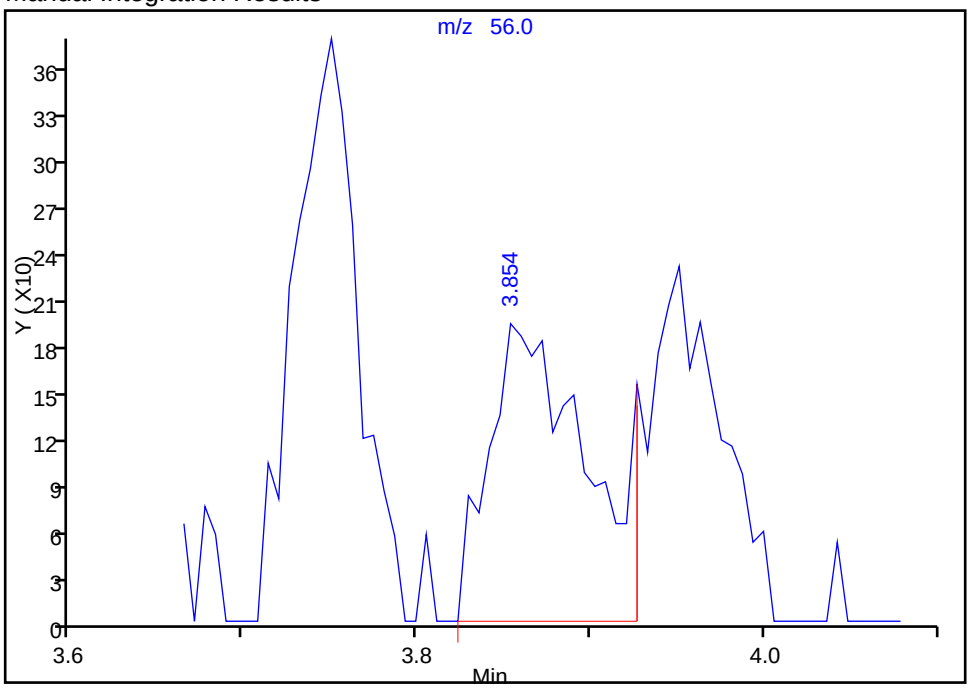
Processing Integration Results

RT: 3.85
Area: 344
Amount: 237.4450
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 760
Amount: 31.833086
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:12:43
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

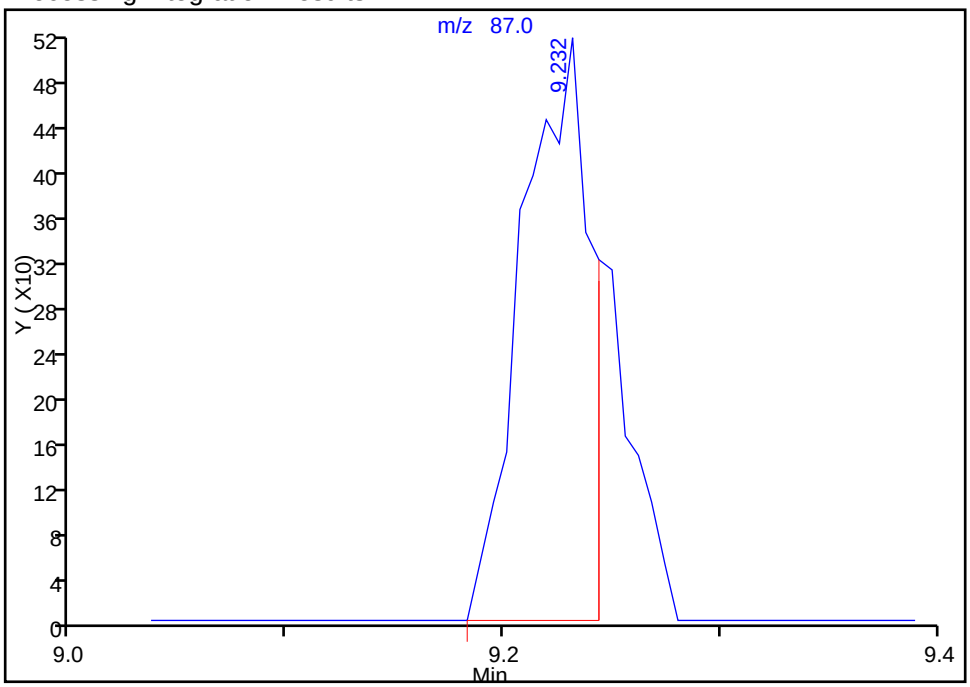
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26751.D
Injection Date: 26-Apr-2015 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 2 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 Butyl Methacrylate, CAS: 97-88-1

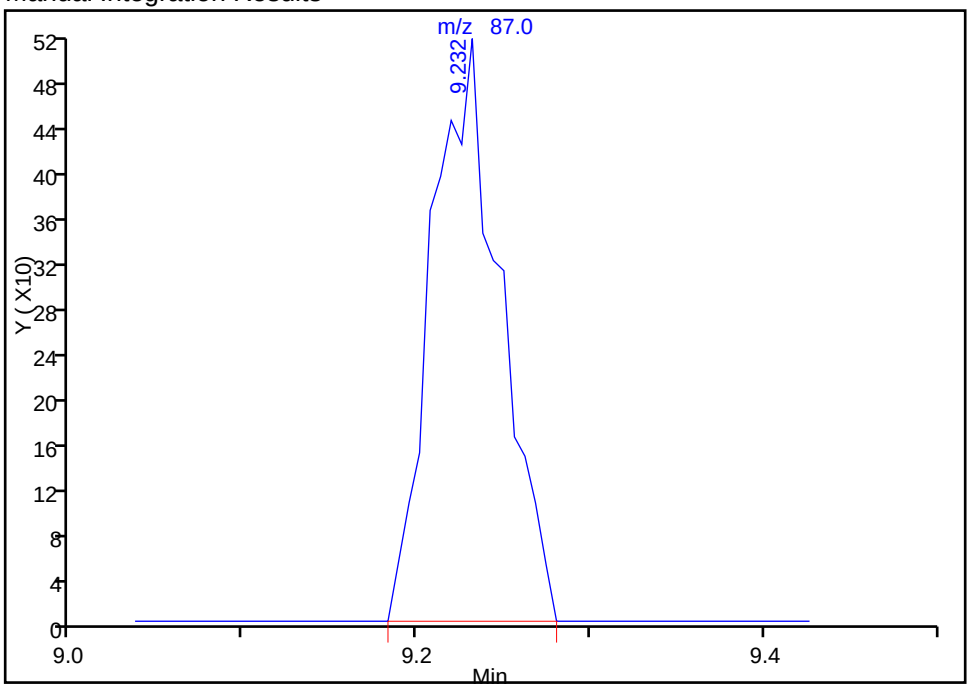
Processing Integration Results

RT: 9.23
Area: 1126
Amount: 0.764817
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 1407
Amount: 0.926218
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:12:43
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26752.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Apr-2015 23:31:30 ALS Bottle#: 3 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0026685-005
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:22:04 Calib Date: 26-Apr-2015 23:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26752.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.964	0.958	0.006	53	1314	5.00	5.00	
2 Dichlorodifluoromethane	85	0.982	0.976	0.006	98	11700	5.00	5.34	
3 Chloromethane	50	1.074	1.067	0.007	98	6481	5.00	4.56	
4 Butadiene	54	1.122	1.122	0.000	97	6619	5.00	4.95	
5 Vinyl chloride	62	1.135	1.140	-0.005	97	7611	5.00	5.20	
6 Bromomethane	94	1.287	1.286	0.001	99	4660	5.00	5.03	
7 Chloroethane	64	1.329	1.329	0.000	98	3474	5.00	4.91	
8 Dichlorofluoromethane	67	1.439	1.445	-0.006	98	12568	5.00	5.11	
9 Pentane	72	1.457	1.469	-0.012	93	1625	10.0	10.0	
10 Trichlorofluoromethane	101	1.469	1.439	0.030	59	11935	5.00	5.20	
11 Ethanol	45	1.579	1.578	0.001	97	4087	200.0	200.0	
12 Ethyl ether	59	1.585	1.585	0.000	93	2969	5.00	4.67	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	96	4982	5.00	5.15	
14 1,2-Dichloro-1,1,2-trifluo	117	1.609	1.609	0.000	93	6563	5.00	5.26	
15 Acrolein	56	1.688	1.688	0.000	47	1176	20.0	20.0	
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	89	5969	5.00	5.00	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	97	6999	5.00	4.91	
18 Acetone	43	1.767	1.767	0.000	85	7972	25.0	22.5	M
19 Iodomethane	142	1.804	1.804	0.000	98	22178	5.00	5.15	
20 Isopropyl alcohol	45	1.828	1.822	0.006	31	3565	50.0	45.9	
21 Carbon disulfide	76	1.828	1.828	0.000	99	23007	5.00	4.97	
22 3-Chloro-1-propene	41	1.913	1.913	0.000	87	10518	5.00	4.99	
23 Methyl acetate	43	1.919	1.919	0.000	98	21257	25.0	25.9	
24 Cyclopentene	67	1.925	1.919	0.006	90	17195	5.00	5.29	
25 Acetonitrile	41	1.956	1.956	0.000	94	7547	50.0	54.9	
27 Methylene Chloride	84	1.992	1.992	0.000	91	8401	5.00	4.77	
* 26 TBA-d9 (IS)	46	1.998	1.998	0.000	95	43314	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.041	0.000	94	6499	50.0	47.4	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	95	22160	5.00	5.12	
30 trans-1,2-Dichloroethene	96	2.120	2.114	0.006	92	7808	5.00	4.83	
31 Acrylonitrile	53	2.169	2.169	0.000	91	19699	50.0	54.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.223	2.223	0.000	90	2616	5.00	5.00	
33 Isopropyl ether	45	2.369	2.369	0.000	95	15315	5.00	5.07	
34 1,1-Dichloroethane	63	2.394	2.394	0.000	99	11498	5.00	5.14	
35 Vinyl acetate	86	2.406	2.400	0.006	99	474	10.0	11.1	
36 Allyl alcohol	57	2.418	2.418	0.000	41	2075	125.0	130.8	
37 2-Chloro-1,3-butadiene	88	2.424	2.418	0.006	92	6098	5.00	5.47	
38 Tert-butyl ethyl ether	59	2.595	2.601	-0.006	90	18898	5.00	5.13	
39 2,2-Dichloropropane	77	2.741	2.740	0.001	94	10951	5.00	4.99	
40 cis-1,2-Dichloroethene	96	2.765	2.765	0.000	97	8106	5.00	5.00	
41 2-Butanone (MEK)	72	2.783	2.777	0.006	98	2291	25.0	26.2	
42 Ethyl acetate	70	2.783	2.783	0.000	93	675	10.0	8.93	
48 Methyl acrylate	55	2.826	2.820	0.006	97	2765	5.00	4.57	
43 Propionitrile	54	2.881	2.874	0.006	96	6491	50.0	50.3	
44 Chlorobromomethane	128	2.929	2.929	0.000	66	4605	5.00	5.10	
45 Tetrahydrofuran	42	2.935	2.941	-0.006	36	3315	10.0	10.2	
46 Methacrylonitrile	67	2.954	2.953	0.001	88	17261	50.0	50.4	
47 Chloroform	83	2.966	2.966	0.000	98	12770	5.00	4.99	
49 Cyclohexane	56	3.063	3.063	0.000	88	6512	5.00	5.00	
50 1,1,1-Trichloroethane	97	3.075	3.075	0.000	95	12408	5.00	4.93	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	98	65162	50.0	44.6	
52 Carbon tetrachloride	117	3.166	3.166	0.000	97	9973	5.00	4.93	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	94	6486	5.00	4.84	
54 Isobutyl alcohol	43	3.319	3.324	-0.005	45	7831	125.0	134.9	
55 Benzene	78	3.343	3.343	0.000	95	21151	5.00	5.18	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	98	63274	50.0	44.3	
57 Isopropyl acetate	43	3.398	3.397	0.001	72	14403	5.00	5.16	
58 Tert-amyl methyl ether	73	3.404	3.404	0.000	88	22054	5.00	5.17	
59 1,2-Dichloroethane	62	3.416	3.410	0.006	98	8915	5.00	4.87	
60 n-Heptane	57	3.471	3.464	0.007	93	1639	5.00	5.00	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	263736	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.744	3.744	0.000	90	27464	10.0	10.0	
63 n-Butanol	56	3.854	3.854	0.000	34	2298	125.0	125.0	
64 Trichloroethene	95	3.854	3.854	0.000	93	5949	5.00	4.95	
65 Methylcyclohexane	83	3.951	3.951	0.000	91	6940	5.00	5.00	
66 Ethyl acrylate	55	3.969	3.963	0.006	98	8056	5.00	4.34	
67 1,2-Dichloropropane	63	4.091	4.085	0.006	87	4045	5.00	4.93	
* 68 1,4-Dioxane-d8	96	4.152	4.158	-0.006	96	12721	1000.0	1000.0	
69 Methyl methacrylate	100	4.170	4.176	-0.006	84	1827	10.0	10.4	
70 Dibromomethane	93	4.195	4.194	0.001	87	4176	5.00	5.09	
71 1,4-Dioxane	88	4.201	4.207	-0.006	32	1106	100.0	95.7	
72 n-Propyl acetate	43	4.225	4.225	0.000	97	3551	5.00	4.37	
73 Dichlorobromomethane	83	4.328	4.322	0.006	98	7288	5.00	5.26	
74 2-Nitropropane	41	4.614	4.614	0.000	88	2539	10.0	9.32	
75 2-Chloroethyl vinyl ether	63	4.626	4.639	-0.013	80	1857	5.00	5.14	
76 Epichlorohydrin	57	4.718	4.718	0.000	98	7561	100.0	100.1	
77 cis-1,3-Dichloropropene	75	4.760	4.766	-0.006	91	7234	5.00	5.26	
78 4-Methyl-2-pentanone (MIBK	43	4.919	4.918	0.000	95	17122	25.0	27.5	
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	99	151856	50.0	44.7	
80 Toluene	91	5.034	5.034	0.000	93	18115	5.00	4.93	
81 trans-1,3-Dichloropropene	75	5.357	5.362	-0.005	97	6762	5.00	5.21	
82 Ethyl methacrylate	69	5.405	5.405	0.000	91	3392	5.00	4.73	
83 1,1,2-Trichloroethane	83	5.545	5.545	0.000	91	3196	5.00	5.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.569	5.569	0.000	94	6627	5.00	4.67	
85 1,3-Dichloropropane	76	5.728	5.727	0.001	92	5805	5.00	5.27	
86 2-Hexanone	43	5.813	5.819	-0.006	96	10259	25.0	24.3	
88 n-Butyl acetate	43	5.928	5.928	0.000	80	3927	5.00	4.69	
87 Chlorodibromomethane	129	5.928	5.928	0.000	97	5280	5.00	5.15	
89 Ethylene Dibromide	107	6.062	6.062	0.000	99	5258	5.00	5.12	
* 90 Chlorobenzene-d5	117	6.567	6.573	-0.006	83	205138	50.0	50.0	
91 Chlorobenzene	112	6.604	6.604	0.000	98	16084	5.00	4.99	
92 Ethylbenzene	106	6.713	6.713	0.000	98	7098	5.00	4.98	
93 1,1,1,2-Tetrachloroethane	131	6.725	6.725	0.000	91	8060	5.00	5.33	
94 m-Xylene & p-Xylene	106	6.865	6.859	0.006	96	9306	5.00	5.03	
95 o-Xylene	106	7.352	7.358	-0.006	94	11144	5.00	5.24	
96 Styrene	104	7.395	7.400	-0.005	97	17963	5.00	5.28	
97 n-Butyl acrylate	73	7.401	7.407	-0.006	58	3252	5.00	5.30	
98 Bromoform	173	7.656	7.650	0.006	98	4081	5.00	5.06	
99 Amyl acetate (mixed isomer	43	7.729	7.735	-0.006	90	7099	5.00	4.98	
100 Isopropylbenzene	105	7.863	7.869	-0.006	95	28509	5.00	5.02	
$ 101 4-Bromofluorobenzene	174	8.161	8.161	0.000	94	91496	50.0	44.7	
102 Camphene	41	8.173	8.161	0.012	92	2306	5.00	5.57	M
103 Bromobenzene	156	8.356	8.356	0.000	78	11253	5.00	5.10	
104 1,1,2,2-Tetrachloroethane	83	8.520	8.514	0.006	95	6763	5.00	5.28	
105 N-Propylbenzene	91	8.538	8.538	0.000	99	28934	5.00	4.85	
106 1,2,3-Trichloropropane	110	8.575	8.569	0.006	95	2312	5.00	5.39	
107 trans-1,4-Dichloro-2-buten	53	8.642	8.648	-0.006	51	1490	5.00	5.40	
108 2-Chlorotoluene	91	8.690	8.690	0.000	95	21597	5.00	4.95	
109 4-Ethyltoluene	105	8.763	8.769	-0.006	97	31422	5.00	5.16	
110 1,3,5-Trimethylbenzene	105	8.903	8.909	-0.006	93	26866	5.00	4.98	
111 4-Chlorotoluene	91	8.922	8.921	0.001	97	23588	5.00	4.88	
112 Butyl Methacrylate	87	9.226	9.232	-0.006	91	7168	5.00	5.14	
113 tert-Butylbenzene	119	9.524	9.524	0.000	95	22185	5.00	4.99	
114 1,2,4-Trimethylbenzene	105	9.676	9.670	0.006	96	28259	5.00	4.99	
115 sec-Butylbenzene	105	10.041	10.041	0.000	98	29132	5.00	4.74	
116 1,3-Dichlorobenzene	146	10.309	10.315	-0.005	99	20078	5.00	4.99	
117 4-Isopropyltoluene	119	10.430	10.430	0.000	96	30156	5.00	4.82	
* 118 1,4-Dichlorobenzene-d4	152	10.479	10.485	-0.006	92	170812	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.528	10.527	0.001	93	21609	5.00	5.06	
120 Benzyl chloride	91	10.807	10.807	0.000	99	15621	5.00	5.06	
121 2,3-Dihydroindene	117	10.886	10.886	0.000	94	33208	5.00	5.18	
122 p-Diethylbenzene	119	11.057	11.063	-0.006	97	21557	5.00	5.23	
123 1,2-Dichlorobenzene	146	11.081	11.081	0.000	98	20947	5.00	5.03	
124 n-Butylbenzene	91	11.087	11.081	0.006	97	30640	5.00	4.78	
125 1,2,4,5-Tetramethylbenzene	119	11.896	11.896	0.000	98	36279	5.00	5.27	
126 1,2-Dibromo-3-Chloropropan	75	11.951	11.951	0.000	88	1210	5.00	5.00	
127 1,3,5-Trichlorobenzene	180	12.073	12.073	0.000	96	18624	5.00	5.24	
128 Camphor	95	12.486	12.486	0.000	87	3653	25.0	25.0	
129 1,2,4-Trichlorobenzene	180	12.553	12.553	0.000	92	12433	5.00	5.00	
130 Hexachlorobutadiene	225	12.645	12.645	0.001	92	5794	5.00	5.00	
131 Naphthalene	128	12.718	12.718	0.000	99	16535	5.00	4.49	
132 1,2,3-Trichlorobenzene	180	12.876	12.876	0.000	95	7648	5.00	5.00	
S 133 1,2-Dichloroethene, Total	100				0		10.0	9.83	
S 134 Xylenes, Total	100				0		10.0	10.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added:	4.00	Units: uL	
GAS Hi_00095	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

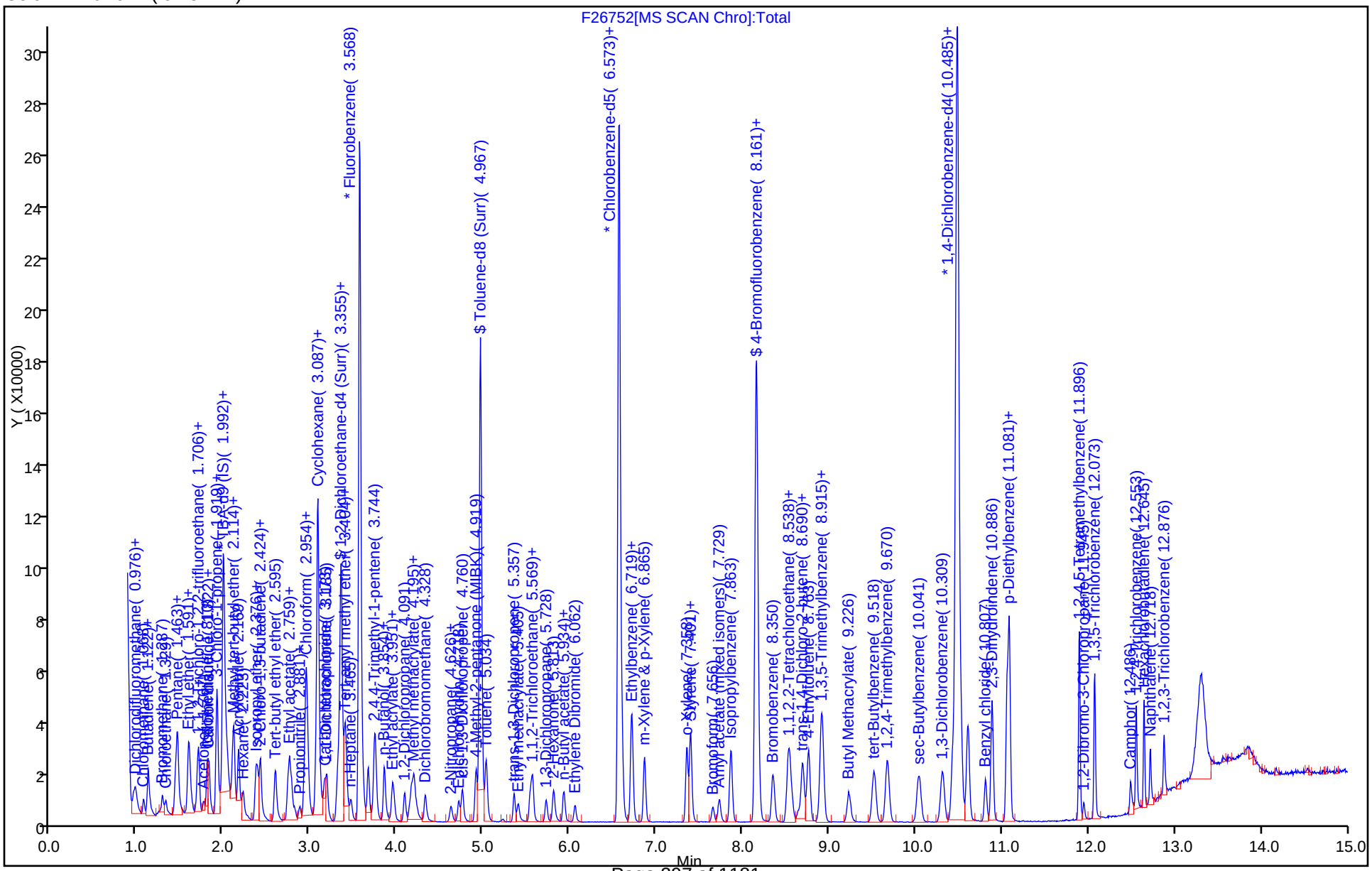
Report Date: 27-Apr-2015 14:22:06 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26752.D

Injection Date:	26-Apr-2015 23:31:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD5			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

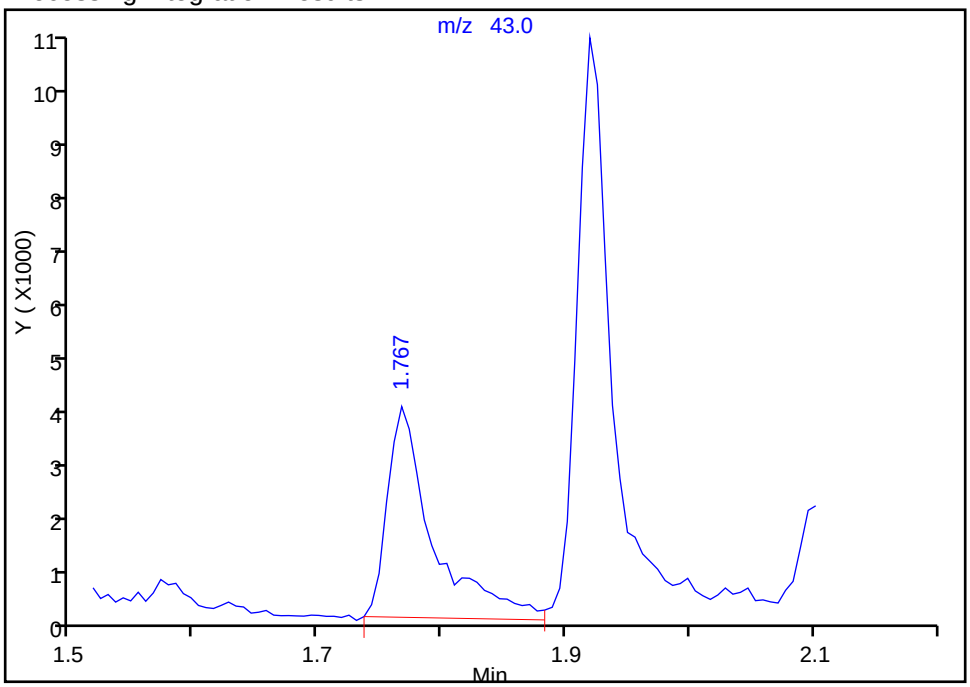
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26752.D
Injection Date: 26-Apr-2015 23:31:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 3 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

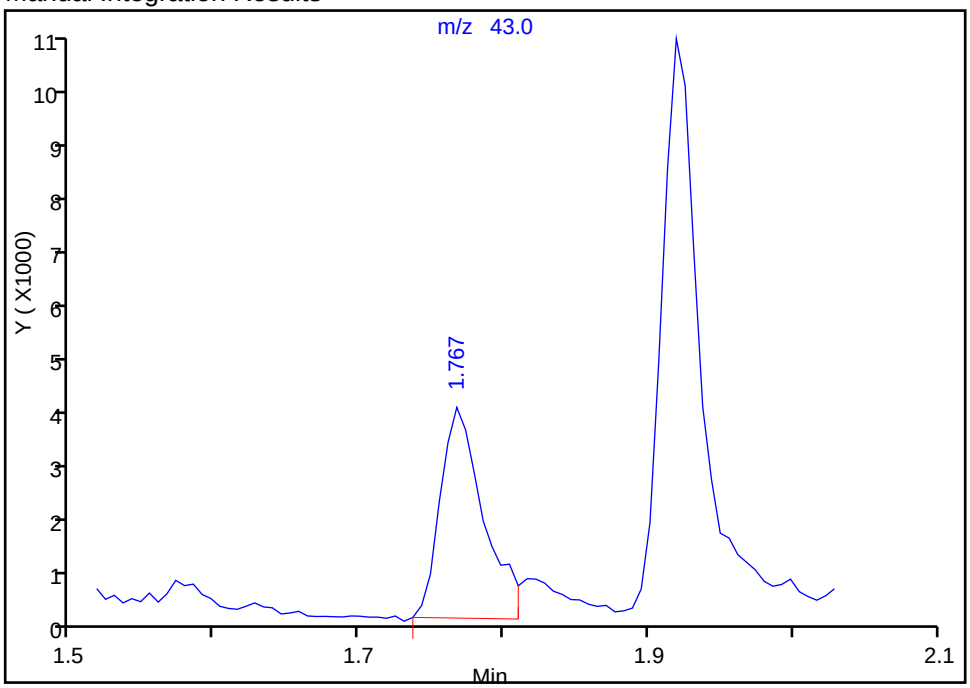
Processing Integration Results

RT: 1.77
Area: 9796
Amount: 26.853020
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 7972
Amount: 22.525599
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:14:51
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

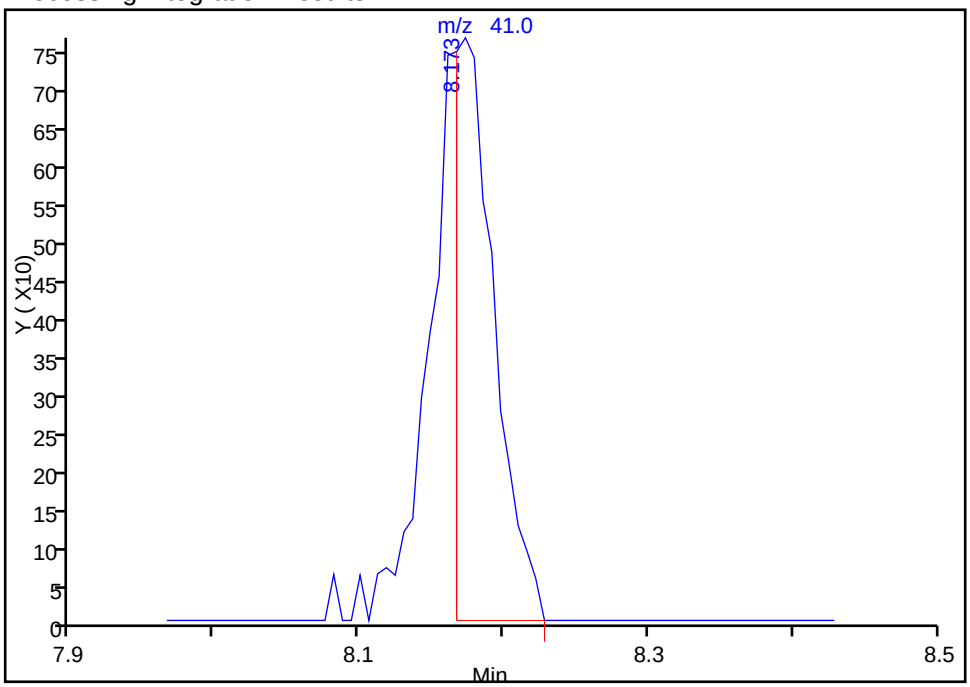
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26752.D
Injection Date: 26-Apr-2015 23:31:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 3 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Camphene, CAS: 79-92-5

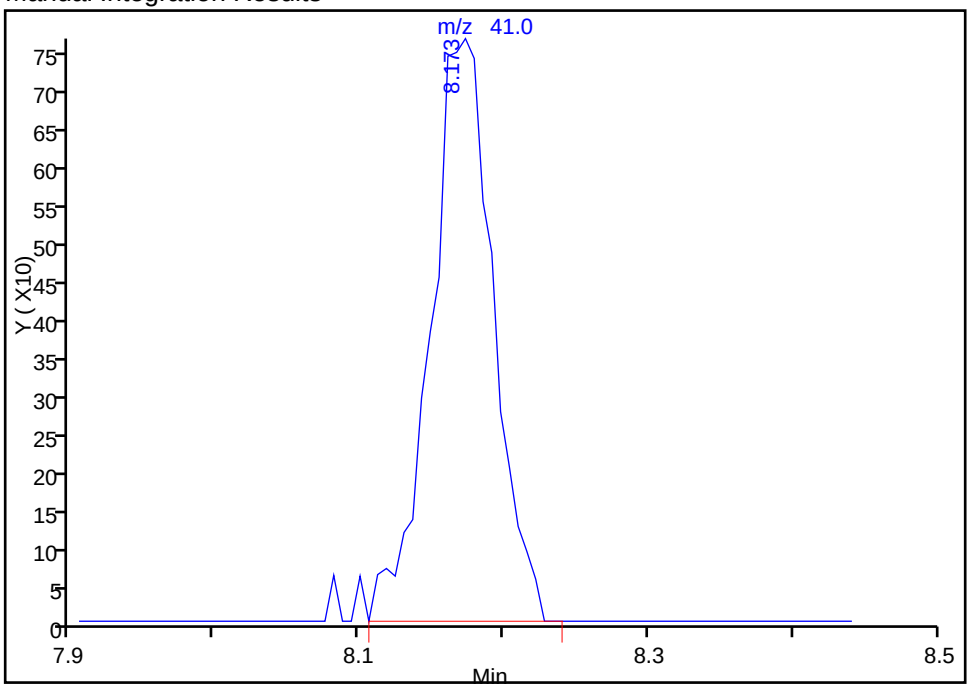
Processing Integration Results

RT: 8.17
Area: 1467
Amount: 3.672146
Amount Units: ug/l



Manual Integration Results

RT: 8.17
Area: 2306
Amount: 5.567918
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:14:51
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26753.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 26-Apr-2015 23:54:30 ALS Bottle#: 4 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0026685-006
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:21:57 Calib Date: 26-Apr-2015 23:54:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26753.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.964	0.964	0.000	86	5253	20.0	20.0	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	43349	20.0	20.0	
3 Chloromethane	50	1.074	1.074	0.000	98	25170	20.0	20.0	
4 Butadiene	54	1.122	1.122	0.000	97	25025	20.0	20.0	
5 Vinyl chloride	62	1.141	1.141	0.000	98	29541	20.0	20.0	
6 Bromomethane	94	1.293	1.293	0.000	99	21090	20.0	20.0	
7 Chloroethane	64	1.329	1.329	0.000	99	15236	20.0	20.0	
10 Trichlorofluoromethane	101	1.469	1.469	0.000	65	49893	20.0	20.0	
8 Dichlorofluoromethane	67	1.445	1.445	0.000	99	49421	20.0	20.0	
9 Pentane	72	1.463	1.463	0.000	92	5921	40.0	40.0	
11 Ethanol	45	1.579	1.579	0.000	90	17228	800.0	800.0	
12 Ethyl ether	59	1.579	1.579	0.000	96	13250	20.0	20.0	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	97	18400	20.0	20.0	
14 1,2-Dichloro-1,1,2-trifluo	117	1.609	1.609	0.000	93	23739	20.0	20.0	
15 Acrolein	56	1.688	1.688	0.000	36	2607	40.0	40.0	
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	91	29852	20.0	20.0	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	97	29001	20.0	20.0	
18 Acetone	43	1.767	1.767	0.000	85	31917	100.0	100.0	
19 Iodomethane	142	1.804	1.804	0.000	98	80994	20.0	20.0	
20 Isopropyl alcohol	45	1.822	1.822	0.000	30	13345	200.0	200.0	
21 Carbon disulfide	76	1.828	1.828	0.000	99	87399	20.0	20.0	
22 3-Chloro-1-propene	41	1.913	1.913	0.000	91	38612	20.0	20.0	
23 Methyl acetate	43	1.919	1.919	0.000	98	83215	100.0	100.0	
24 Cyclopentene	67	1.925	1.925	0.000	93	69731	20.0	20.0	
25 Acetonitrile	41	1.956	1.956	0.000	90	29633	200.0	200.0	
27 Methylene Chloride	84	1.992	1.992	0.000	86	31104	20.0	20.0	
* 26 TBA-d9 (IS)	46	1.992	1.992	0.000	95	44162	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	98	23397	200.0	200.0	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	95	87083	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.120	2.120	0.000	91	30106	20.0	20.0	
31 Acrylonitrile	53	2.169	2.169	0.000	90	74947	200.0	200.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.224	2.224	0.000	89	14798	20.0	20.0	
33 Isopropyl ether	45	2.370	2.370	0.000	95	60497	20.0	20.0	
34 1,1-Dichloroethane	63	2.388	2.388	0.000	99	44272	20.0	20.0	
35 Vinyl acetate	86	2.406	2.406	0.000	100	1930	40.0	40.0	
36 Allyl alcohol	57	2.412	2.412	0.000	41	9832	500.0	500.0	
37 2-Chloro-1,3-butadiene	88	2.424	2.424	0.000	93	22742	20.0	20.0	
38 Tert-butyl ethyl ether	59	2.595	2.595	0.000	90	75042	20.0	20.0	
39 2,2-Dichloropropane	77	2.741	2.741	0.000	94	42143	20.0	20.0	
40 cis-1,2-Dichloroethene	96	2.759	2.759	0.000	97	30791	20.0	20.0	
41 2-Butanone (MEK)	72	2.777	2.777	0.000	97	9180	100.0	100.0	
42 Ethyl acetate	70	2.783	2.783	0.000	93	2989	40.0	40.0	
48 Methyl acrylate	55	2.820	2.820	0.000	98	11740	20.0	20.0	
43 Propionitrile	54	2.875	2.875	0.000	95	25954	200.0	200.0	
44 Chlorobromomethane	128	2.929	2.929	0.000	70	18720	20.0	20.0	
45 Tetrahydrofuran	42	2.941	2.941	0.000	47	12881	40.0	40.0	
46 Methacrylonitrile	67	2.948	2.948	0.000	90	71091	200.0	200.0	
47 Chloroform	83	2.966	2.966	0.000	99	49879	20.0	20.0	
49 Cyclohexane	56	3.063	3.063	0.000	89	34780	20.0	20.0	
50 1,1,1-Trichloroethane	97	3.075	3.075	0.000	96	50238	20.0	20.0	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	97	88037	50.0	50.0	
52 Carbon tetrachloride	117	3.167	3.167	0.000	97	43624	20.0	20.0	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	94	26964	20.0	20.0	
54 Isobutyl alcohol	43	3.313	3.313	0.000	42	31467	500.0	500.0	
55 Benzene	78	3.343	3.343	0.000	96	83346	20.0	20.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	98	86918	50.0	50.0	
57 Isopropyl acetate	43	3.398	3.398	0.000	74	55404	20.0	20.0	
58 Tert-amyl methyl ether	73	3.398	3.398	0.000	86	89141	20.0	20.0	
59 1,2-Dichloroethane	62	3.416	3.416	0.000	98	34284	20.0	20.0	
60 n-Heptane	57	3.471	3.471	0.000	90	11235	20.0	20.0	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	281646	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.744	3.744	0.000	92	108794	40.0	40.0	
63 n-Butanol	56	3.848	3.848	0.000	34	11516	500.0	500.0	
64 Trichloroethene	95	3.854	3.854	0.000	93	23857	20.0	20.0	
65 Methylcyclohexane	83	3.951	3.951	0.000	93	41035	20.0	20.0	
66 Ethyl acrylate	55	3.951	3.951	0.000	98	43136	20.0	20.0	
67 1,2-Dichloropropane	63	4.085	4.085	0.000	82	16187	20.0	20.0	
* 68 1,4-Dioxane-d8	96	4.152	4.152	0.000	94	13527	1000.0	1000.0	
69 Methyl methacrylate	100	4.170	4.170	0.000	83	8095	40.0	40.0	
70 Dibromomethane	93	4.195	4.195	0.000	86	16747	20.0	20.0	
71 1,4-Dioxane	88	4.201	4.201	0.000	36	4849	400.0	400.0	
72 n-Propyl acetate	43	4.225	4.225	0.000	97	14976	20.0	20.0	
73 Dichlorobromomethane	83	4.329	4.329	0.000	98	30952	20.0	20.0	
74 2-Nitropropane	41	4.621	4.621	0.000	98	10081	40.0	40.0	
75 2-Chloroethyl vinyl ether	63	4.633	4.633	0.000	85	7781	20.0	20.0	
76 Epichlorohydrin	57	4.718	4.718	0.000	98	29324	400.0	400.0	
77 cis-1,3-Dichloropropene	75	4.760	4.760	0.000	91	29518	20.0	20.0	
78 4-Methyl-2-pentanone (MIBK	43	4.913	4.913	0.000	95	68642	100.0	100.0	
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	99	215010	50.0	50.0	
80 Toluene	91	5.034	5.034	0.000	93	75957	20.0	20.0	
81 trans-1,3-Dichloropropene	75	5.357	5.357	0.000	97	27911	20.0	20.0	
82 Ethyl methacrylate	69	5.405	5.405	0.000	89	15068	20.0	20.0	
83 1,1,2-Trichloroethane	83	5.545	5.545	0.000	92	13016	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.570	5.570	0.000	96	29936	20.0	20.0	
85 1,3-Dichloropropane	76	5.728	5.728	0.000	93	23391	20.0	20.0	
86 2-Hexanone	43	5.813	5.813	0.000	95	40257	100.0	100.0	
88 n-Butyl acetate	43	5.928	5.928	0.000	69	15431	20.0	20.0	
87 Chlorodibromomethane	129	5.935	5.935	0.000	96	25603	20.0	20.0	
89 Ethylene Dibromide	107	6.062	6.062	0.000	99	21546	20.0	20.0	
* 90 Chlorobenzene-d5	117	6.567	6.567	0.000	83	221174	50.0	50.0	
91 Chlorobenzene	112	6.604	6.604	0.000	98	66041	20.0	20.0	
92 Ethylbenzene	106	6.713	6.713	0.000	98	30489	20.0	20.0	
93 1,1,1,2-Tetrachloroethane	131	6.725	6.725	0.000	92	34166	20.0	20.0	
94 m-Xylene & p-Xylene	106	6.865	6.865	0.000	95	38843	20.0	20.0	
95 o-Xylene	106	7.358	7.358	0.000	95	45929	20.0	20.0	
96 Styrene	104	7.401	7.401	0.000	96	71652	20.0	20.0	
97 n-Butyl acrylate	73	7.401	7.401	0.000	57	12852	20.0	20.0	
98 Bromoform	173	7.656	7.656	0.000	98	18603	20.0	20.0	
99 Amyl acetate (mixed isomer	43	7.729	7.729	0.000	91	27238	20.0	20.0	
100 Isopropylbenzene	105	7.863	7.863	0.000	95	124781	20.0	20.0	
$ 101 4-Bromofluorobenzene	174	8.161	8.161	0.000	95	120532	50.0	50.0	
102 Camphene	41	8.167	8.167	0.000	92	8986	20.0	20.0	
103 Bromobenzene	156	8.356	8.356	0.000	79	44094	20.0	20.0	
104 1,1,2,2-Tetrachloroethane	83	8.520	8.520	0.000	96	27659	20.0	20.0	
105 N-Propylbenzene	91	8.538	8.538	0.000	99	123303	20.0	20.0	
106 1,2,3-Trichloropropane	110	8.575	8.575	0.000	94	9217	20.0	20.0	
107 trans-1,4-Dichloro-2-buten	53	8.642	8.642	0.000	67	5796	20.0	20.0	
108 2-Chlorotoluene	91	8.690	8.690	0.000	95	86682	20.0	20.0	
109 4-Ethyltoluene	105	8.763	8.763	0.000	97	123068	20.0	20.0	
110 1,3,5-Trimethylbenzene	105	8.909	8.909	0.000	93	118518	20.0	20.0	
111 4-Chlorotoluene	91	8.922	8.922	0.000	97	95334	20.0	20.0	
112 Butyl Methacrylate	87	9.226	9.226	0.000	90	29019	20.0	20.0	
113 tert-Butylbenzene	119	9.518	9.518	0.000	95	106320	20.0	20.0	
114 1,2,4-Trimethylbenzene	105	9.676	9.676	0.000	96	118852	20.0	20.0	
115 sec-Butylbenzene	105	10.041	10.041	0.000	98	141589	20.0	20.0	
116 1,3-Dichlorobenzene	146	10.309	10.309	0.000	99	80398	20.0	20.0	
117 4-Isopropyltoluene	119	10.430	10.430	0.000	97	139849	20.0	20.0	
* 118 1,4-Dichlorobenzene-d4	152	10.485	10.485	0.000	91	173854	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.522	10.522	0.000	97	84139	20.0	20.0	
120 Benzyl chloride	91	10.808	10.808	0.000	99	63148	20.0	20.0	
121 2,3-Dihydroindene	117	10.887	10.887	0.000	94	132324	20.0	20.0	
122 p-Diethylbenzene	119	11.057	11.057	0.000	95	82697	20.0	20.0	
123 1,2-Dichlorobenzene	146	11.081	11.081	0.000	97	83026	20.0	20.0	
124 n-Butylbenzene	91	11.087	11.087	0.000	95	128815	20.0	20.0	
125 1,2,4,5-Tetramethylbenzene	119	11.890	11.890	0.000	98	140787	20.0	20.0	
126 1,2-Dibromo-3-Chloropropan	75	11.945	11.945	0.000	88	5072	20.0	20.0	
127 1,3,5-Trichlorobenzene	180	12.067	12.067	0.000	97	72878	20.0	20.0	
128 Camphor	95	12.487	12.487	0.000	87	14511	100.0	100.0	
129 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	50186	20.0	20.0	
130 Hexachlorobutadiene	225	12.645	12.645	0.000	93	26626	20.0	20.0	
131 Naphthalene	128	12.712	12.712	0.000	99	68133	20.0	20.0	
132 1,2,3-Trichlorobenzene	180	12.876	12.876	0.000	96	31645	20.0	20.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 134 Xylenes, Total	100				0		40.0	40.0	

Reagents:

ACROLEIN W_00036	Amount Added:	4.00	Units: uL	
GAS Hi_00095	Amount Added:	2.00	Units: uL	
MIX I Hi_00039	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	2.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

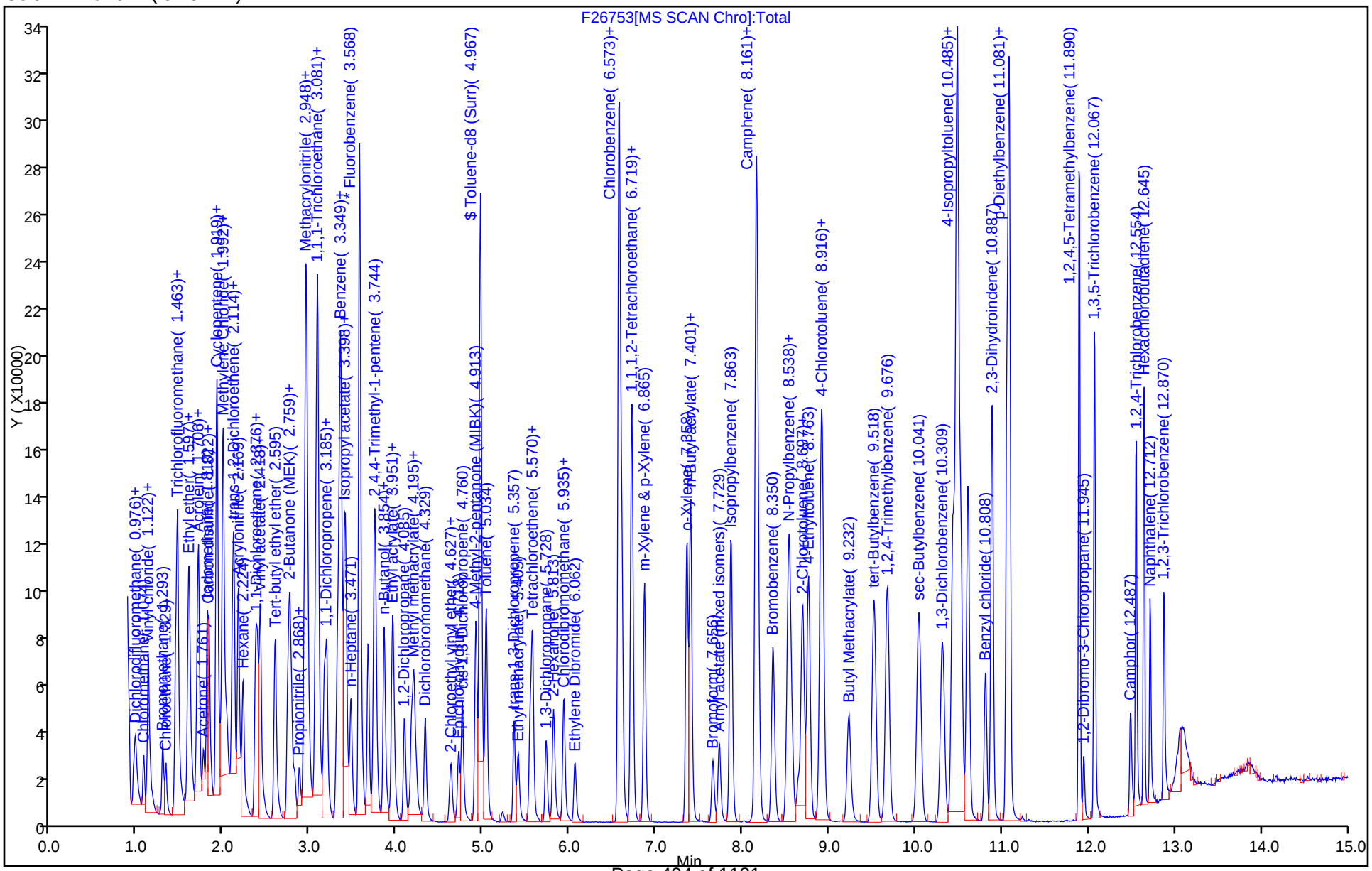
Report Date: 27-Apr-2015 14:21:58 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26753.D

Injection Date:	26-Apr-2015 23:54:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD20			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26754.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Apr-2015 00:18:30 ALS Bottle#: 5 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0026685-007
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:22:08 Calib Date: 27-Apr-2015 00:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26754.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.958	0.958	0.000	66	13715	50.0	48.0	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	105653	50.0	46.8	
3 Chloromethane	50	1.074	1.067	0.007	99	61364	50.0	43.3	
4 Butadiene	54	1.122	1.122	0.000	97	58835	50.0	43.9	
5 Vinyl chloride	62	1.141	1.140	0.001	98	72548	50.0	47.7	
6 Bromomethane	94	1.293	1.286	0.007	99	49678	50.0	51.7	
7 Chloroethane	64	1.329	1.329	0.000	99	36248	50.0	50.1	
10 Trichlorofluoromethane	101	1.463	1.439	0.024	94	122690	50.0	50.1	
8 Dichlorofluoromethane	67	1.439	1.445	-0.006	98	117253	50.0	46.4	
9 Pentane	72	1.463	1.469	-0.006	91	16611	100.0	106.4	
11 Ethanol	45	1.579	1.578	0.001	58	44514	2000.0	2000.0	
12 Ethyl ether	59	1.579	1.585	-0.006	95	33796	50.0	50.0	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	98	48570	50.0	48.1	
14 1,2-Dichloro-1,1,2-trifluo	117	1.603	1.609	-0.006	91	63120	50.0	48.4	
15 Acrolein	56	1.688	1.688	0.000	92	6318	100.0	100.0	
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	92	89170	50.0	56.3	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	97	81698	50.0	52.5	
18 Acetone	43	1.767	1.767	0.000	85	80195	250.0	230.5	M
19 Iodomethane	142	1.804	1.804	0.000	99	216469	50.0	48.1	
20 Isopropyl alcohol	45	1.822	1.822	0.000	30	34132	500.0	451.0	
21 Carbon disulfide	76	1.828	1.828	0.000	99	243373	50.0	49.6	
22 3-Chloro-1-propene	41	1.907	1.913	-0.006	91	99775	50.0	46.2	
23 Methyl acetate	43	1.919	1.919	0.000	98	208345	250.0	242.2	
24 Cyclopentene	67	1.919	1.919	0.000	91	185013	50.0	52.3	
25 Acetonitrile	41	1.956	1.956	0.000	91	74586	500.0	506.6	
27 Methylene Chloride	84	1.992	1.992	0.000	90	81764	50.0	45.6	
* 26 TBA-d9 (IS)	46	1.986	1.998	-0.012	96	44234	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.041	-0.006	97	60914	500.0	455.0	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	95	228648	50.0	49.8	
30 trans-1,2-Dichloroethene	96	2.114	2.114	0.000	91	81041	50.0	48.0	
31 Acrylonitrile	53	2.169	2.169	0.000	91	191187	500.0	497.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.224	2.223	0.001	89	43536	50.0	50.0	
33 Isopropyl ether	45	2.363	2.369	-0.006	95	156786	50.0	49.2	
34 1,1-Dichloroethane	63	2.388	2.394	-0.006	99	118274	50.0	49.8	
35 Vinyl acetate	86	2.400	2.400	0.000	100	4344	100.0	100.0	
36 Allyl alcohol	57	2.412	2.418	-0.006	42	25317	1250.0	1442.6	
37 2-Chloro-1,3-butadiene	88	2.418	2.418	0.000	93	61641	50.0	51.3	
38 Tert-butyl ethyl ether	59	2.589	2.601	-0.012	90	199198	50.0	50.6	
39 2,2-Dichloropropane	77	2.741	2.740	0.001	94	114448	50.0	49.4	
40 cis-1,2-Dichloroethene	96	2.759	2.765	-0.006	97	81923	50.0	48.3	
41 2-Butanone (MEK)	72	2.777	2.777	0.000	97	25345	250.0	271.7	
42 Ethyl acetate	70	2.777	2.783	-0.006	93	7644	100.0	96.6	
48 Methyl acrylate	55	2.820	2.820	0.000	97	29494	50.0	46.0	
43 Propionitrile	54	2.874	2.874	0.000	95	65618	500.0	498.5	
44 Chlorobromomethane	128	2.923	2.929	-0.006	72	48859	50.0	50.5	
45 Tetrahydrofuran	42	2.935	2.941	-0.006	86	32580	100.0	96.2	
46 Methacrylonitrile	67	2.947	2.953	-0.006	91	181086	500.0	497.7	
47 Chloroform	83	2.966	2.966	0.000	99	130781	50.0	48.7	
49 Cyclohexane	56	3.057	3.063	-0.006	87	101884	50.0	57.6	
50 1,1,1-Trichloroethane	97	3.069	3.075	-0.006	96	141410	50.0	51.8	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	98	84839	50.0	53.0	
52 Carbon tetrachloride	117	3.160	3.166	-0.006	97	129716	50.0	56.4	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	95	78136	50.0	53.1	
54 Isobutyl alcohol	43	3.312	3.324	-0.012	93	87870	1250.0	1395.5	
55 Benzene	78	3.343	3.343	0.000	97	225096	50.0	50.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	96	88033	50.0	55.0	
57 Isopropyl acetate	43	3.398	3.397	0.001	73	147542	50.0	49.8	
58 Tert-amyl methyl ether	73	3.398	3.404	-0.006	86	234471	50.0	51.1	
59 1,2-Dichloroethane	62	3.410	3.410	0.000	99	90891	50.0	47.7	
60 n-Heptane	57	3.471	3.464	0.007	90	34718	50.0	50.0	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	280649	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.744	3.744	0.000	91	322230	100.0	101.5	
63 n-Butanol	56	3.848	3.854	-0.006	37	31134	1250.0	1250.0	
64 Trichloroethene	95	3.854	3.854	0.000	93	66224	50.0	51.2	
65 Methylcyclohexane	83	3.951	3.951	0.000	95	124469	50.0	50.0	
66 Ethyl acrylate	55	3.957	3.963	-0.006	98	124819	50.0	58.1	
67 1,2-Dichloropropane	63	4.085	4.085	0.000	83	44608	50.0	50.7	
* 68 1,4-Dioxane-d8	96	4.158	4.158	0.000	92	13938	1000.0	1000.0	
69 Methyl methacrylate	100	4.170	4.176	-0.006	83	22039	100.0	111.0	
70 Dibromomethane	93	4.195	4.194	0.001	86	44299	50.0	50.5	
71 1,4-Dioxane	88	4.195	4.207	-0.012	35	12463	1000.0	989.5	
72 n-Propyl acetate	43	4.219	4.225	-0.006	98	41650	50.0	48.8	
73 Dichlorobromomethane	83	4.328	4.322	0.006	98	86526	50.0	55.5	
74 2-Nitropropane	41	4.614	4.614	0.000	97	27377	100.0	96.2	
75 2-Chloroethyl vinyl ether	63	4.627	4.639	-0.012	81	20797	50.0	52.6	
76 Epichlorohydrin	57	4.712	4.718	-0.006	98	79896	1000.0	972.3	
77 cis-1,3-Dichloropropene	75	4.760	4.766	-0.006	91	82168	50.0	52.7	
78 4-Methyl-2-pentanone (MIBK	43	4.912	4.918	-0.006	95	189626	250.0	266.8	
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	99	221424	50.0	55.8	
80 Toluene	91	5.034	5.034	0.000	93	216385	50.0	52.2	
81 trans-1,3-Dichloropropene	75	5.357	5.362	-0.005	98	74991	50.0	51.6	
82 Ethyl methacrylate	69	5.405	5.405	0.000	90	41906	50.0	51.9	
83 1,1,2-Trichloroethane	83	5.539	5.545	-0.006	93	36602	50.0	52.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.570	5.569	0.001	96	87522	50.0	53.8	
85 1,3-Dichloropropane	76	5.728	5.727	0.001	93	66323	50.0	53.0	
86 2-Hexanone	43	5.813	5.819	-0.006	95	106286	250.0	235.3	
88 n-Butyl acetate	43	5.928	5.928	0.000	78	38566	50.0	44.2	
87 Chlorodibromomethane	129	5.928	5.928	0.000	98	74244	50.0	59.5	
89 Ethylene Dibromide	107	6.056	6.062	-0.006	100	57321	50.0	50.4	
* 90 Chlorobenzene-d5	117	6.567	6.573	-0.006	82	226251	50.0	50.0	
91 Chlorobenzene	112	6.604	6.604	0.000	98	181308	50.0	50.6	
92 Ethylbenzene	106	6.713	6.713	0.000	98	86569	50.0	53.3	
93 1,1,1,2-Tetrachloroethane	131	6.719	6.725	-0.006	92	96725	50.0	55.1	
94 m-Xylene & p-Xylene	106	6.865	6.859	0.006	95	109421	50.0	52.4	
95 o-Xylene	106	7.352	7.358	-0.006	95	129786	50.0	53.4	
96 Styrene	104	7.395	7.400	-0.005	96	191402	50.0	50.6	
97 n-Butyl acrylate	73	7.395	7.407	-0.012	55	32007	50.0	48.1	
98 Bromoform	173	7.650	7.650	0.000	98	55797	50.0	57.8	
99 Amyl acetate (mixed isomer	43	7.729	7.735	-0.006	91	65130	50.0	46.9	
100 Isopropylbenzene	105	7.863	7.869	-0.006	95	364124	50.0	55.2	
$ 101 4-Bromofluorobenzene	174	8.155	8.161	-0.006	95	115527	50.0	50.8	
102 Camphene	41	8.167	8.161	0.006	92	25840	50.0	54.2	
103 Bromobenzene	156	8.350	8.356	-0.006	78	115150	50.0	51.2	
104 1,1,2,2-Tetrachloroethane	83	8.514	8.514	0.000	95	70744	50.0	53.2	
105 N-Propylbenzene	91	8.538	8.538	0.000	99	344179	50.0	54.7	
106 1,2,3-Trichloropropane	110	8.563	8.569	-0.006	97	23371	50.0	52.7	
107 trans-1,4-Dichloro-2-buten	53	8.642	8.648	-0.006	69	15000	50.0	52.6	
108 2-Chlorotoluene	91	8.690	8.690	0.000	95	237896	50.0	52.7	
109 4-Ethyltoluene	105	8.763	8.769	-0.006	98	323945	50.0	51.9	
110 1,3,5-Trimethylbenzene	105	8.903	8.909	-0.006	94	331697	50.0	56.9	
111 4-Chlorotoluene	91	8.922	8.921	0.001	97	251664	50.0	51.2	
112 Butyl Methacrylate	87	9.226	9.232	-0.006	90	75293	50.0	52.4	
113 tert-Butylbenzene	119	9.518	9.524	-0.006	96	316139	50.0	50.0	
114 1,2,4-Trimethylbenzene	105	9.670	9.670	0.000	96	326563	50.0	54.6	
115 sec-Butylbenzene	105	10.035	10.041	-0.006	98	419658	50.0	60.7	
116 1,3-Dichlorobenzene	146	10.309	10.315	-0.005	99	214239	50.0	51.9	
117 4-Isopropyltoluene	119	10.430	10.430	0.000	98	400106	50.0	58.3	
* 118 1,4-Dichlorobenzene-d4	152	10.479	10.485	-0.006	91	171789	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.522	10.527	-0.005	97	218746	50.0	50.6	
120 Benzyl chloride	91	10.807	10.807	0.000	100	167567	50.0	52.6	
121 2,3-Dihydroindene	117	10.880	10.886	-0.006	94	348759	50.0	52.6	
122 p-Diethylbenzene	119	11.057	11.063	-0.006	97	219275	50.0	51.9	
123 1,2-Dichlorobenzene	146	11.081	11.081	0.000	98	216286	50.0	51.1	
124 n-Butylbenzene	91	11.081	11.081	0.000	97	351333	50.0	52.9	
125 1,2,4,5-Tetramethylbenzene	119	11.890	11.896	-0.006	98	371946	50.0	52.4	
126 1,2-Dibromo-3-Chloropropan	75	11.945	11.951	-0.006	89	14317	50.0	51.9	
127 1,3,5-Trichlorobenzene	180	12.067	12.073	-0.006	97	195781	50.0	53.1	
128 Camphor	95	12.487	12.486	0.001	87	39659	250.0	270.1	
129 1,2,4-Trichlorobenzene	180	12.547	12.553	-0.006	93	145749	50.0	49.8	
130 Hexachlorobutadiene	225	12.639	12.645	-0.005	92	76086	50.0	53.5	
131 Naphthalene	128	12.712	12.718	-0.006	99	204098	50.0	53.3	
132 1,2,3-Trichlorobenzene	180	12.870	12.876	-0.006	96	92736	50.0	50.0	
S 133 1,2-Dichloroethene, Total	100				0		100.0	96.3	
S 134 Xylenes, Total	100				0		100.0	105.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added:	10.00	Units: uL	
GAS Hi_00095	Amount Added:	5.00	Units: uL	
MIX I Hi_00039	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	5.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	5.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

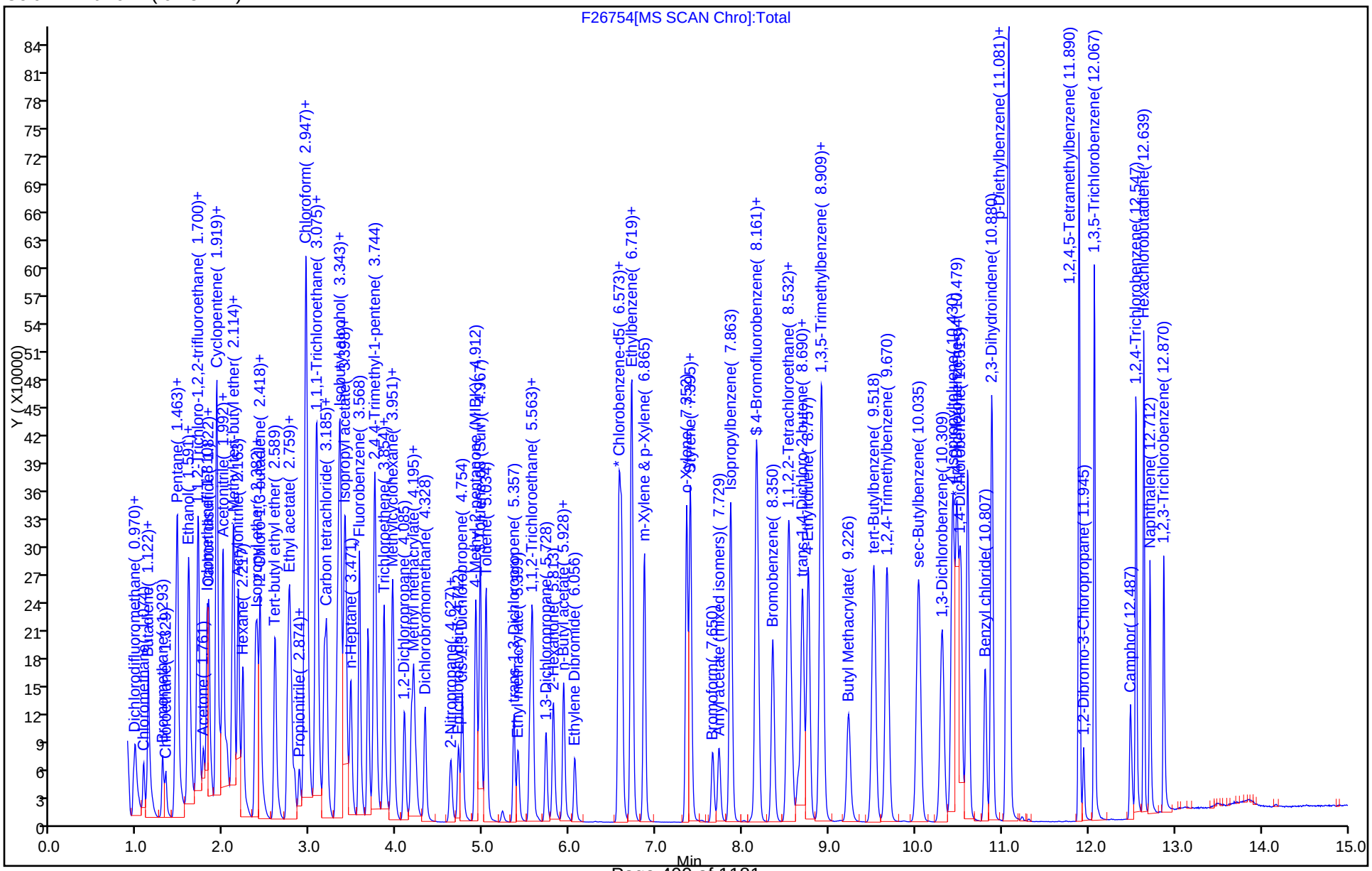
Report Date: 27-Apr-2015 14:22:09 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26754.D

Injection Date:	27-Apr-2015 00:18:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

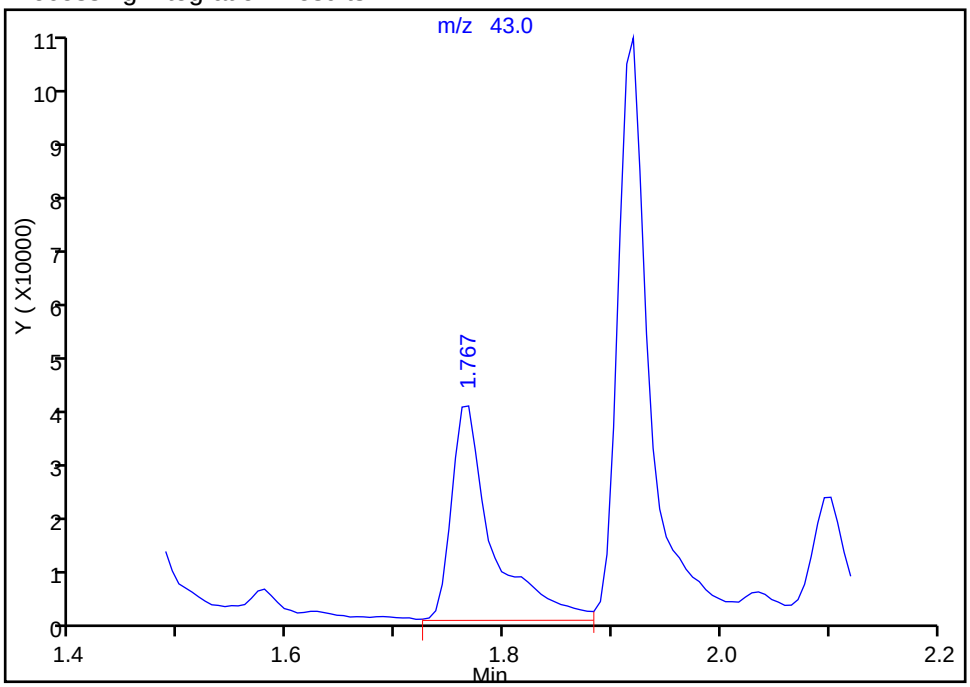
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26754.D
Injection Date: 27-Apr-2015 00:18:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 5 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

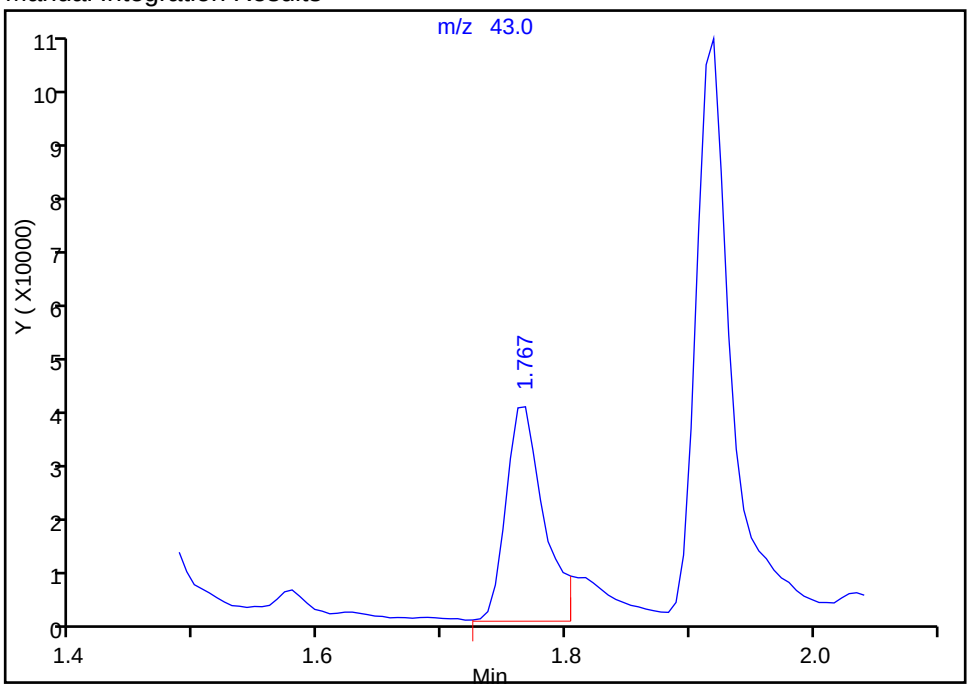
Processing Integration Results

RT: 1.77
Area: 98923
Amount: 274.6863
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 80195
Amount: 230.5269
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:17:13
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26755.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Apr-2015 00:41:30 ALS Bottle#: 6 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0026685-008
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:22:11 Calib Date: 27-Apr-2015 00:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26755.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.958	0.958	0.000	66	55782	200.0	186.7	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	438973	200.0	184.3	
3 Chloromethane	50	1.080	1.067	0.013	99	243072	200.0	167.2	
4 Butadiene	54	1.128	1.122	0.006	97	234580	200.0	169.7	
5 Vinyl chloride	62	1.147	1.140	0.007	98	292463	200.0	182.6	
6 Bromomethane	94	1.299	1.286	0.013	99	179037	200.0	187.5	
7 Chloroethane	64	1.329	1.329	0.000	99	129259	200.0	181.6	
10 Trichlorofluoromethane	101	1.469	1.439	0.030	98	481357	200.0	185.9	
8 Dichlorofluoromethane	67	1.445	1.445	0.000	99	442649	200.0	169.9	
9 Pentane	72	1.463	1.469	-0.006	94	63230	400.0	380.3	
11 Ethanol	45	1.579	1.578	0.001	68	166413	8000.0	8099.4	
12 Ethyl ether	59	1.579	1.585	-0.006	94	127582	200.0	180.1	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	91	198582	200.0	185.9	
14 1,2-Dichloro-1,1,2-trifluo	117	1.609	1.609	0.000	90	264125	200.0	190.0	
15 Acrolein	56	1.688	1.688	0.000	94	13015	200.0	199.8	
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	91	353527	200.0	204.6	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	97	314267	200.0	189.7	
18 Acetone	43	1.767	1.767	0.000	85	307296	1000.0	900.3	M
19 Iodomethane	142	1.810	1.804	0.006	99	800496	200.0	171.9	
20 Isopropyl alcohol	45	1.828	1.822	0.006	93	126953	2000.0	1729.2	
21 Carbon disulfide	76	1.828	1.828	0.000	99	948851	200.0	183.5	
22 3-Chloro-1-propene	41	1.913	1.913	0.000	90	337985	200.0	155.2	
23 Methyl acetate	43	1.919	1.919	0.000	97	759160	1000.0	854.6	
24 Cyclopentene	67	1.925	1.919	0.006	90	698819	200.0	186.5	
25 Acetonitrile	41	1.956	1.956	0.000	91	281350	2000.0	1818.6	
27 Methylene Chloride	84	1.992	1.992	0.000	87	306213	200.0	166.5	
* 26 TBA-d9 (IS)	46	1.998	1.998	0.000	94	44842	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.041	0.000	97	239421	2000.0	1817.8	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	95	862895	200.0	179.4	
30 trans-1,2-Dichloroethene	96	2.120	2.114	0.006	90	306038	200.0	174.6	
31 Acrylonitrile	53	2.169	2.169	0.000	90	711279	2000.0	1774.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.223	2.223	0.000	89	160919	200.0	194.7	
33 Isopropyl ether	45	2.369	2.369	0.000	95	593671	200.0	178.3	
34 1,1-Dichloroethane	63	2.388	2.394	-0.006	99	443023	200.0	178.5	
35 Vinyl acetate	86	2.400	2.400	0.000	100	20268	400.0	443.5	
36 Allyl alcohol	57	2.418	2.418	0.000	42	101099	5000.0	5495.1	
37 2-Chloro-1,3-butadiene	88	2.424	2.418	0.006	92	238155	200.0	187.0	
38 Tert-butyl ethyl ether	59	2.595	2.601	-0.006	91	770839	200.0	185.2	
39 2,2-Dichloropropane	77	2.741	2.740	0.001	94	423114	200.0	175.4	
40 cis-1,2-Dichloroethene	96	2.759	2.765	-0.006	96	310579	200.0	175.9	
41 2-Butanone (MEK)	72	2.783	2.777	0.006	97	103316	1000.0	1067.7	
42 Ethyl acetate	70	2.783	2.783	0.000	94	30848	400.0	369.4	
48 Methyl acrylate	55	2.820	2.820	0.000	97	123132	200.0	170.1	
43 Propionitrile	54	2.874	2.874	0.000	95	263332	2000.0	1979.9	
44 Chlorobromomethane	128	2.929	2.929	0.000	71	185011	200.0	182.0	
45 Tetrahydrofuran	42	2.935	2.941	-0.006	87	121926	400.0	347.3	
46 Methacrylonitrile	67	2.953	2.953	0.000	90	692800	2000.0	1813.3	
47 Chloroform	83	2.972	2.966	0.006	99	491443	200.0	175.8	
49 Cyclohexane	56	3.063	3.063	0.000	87	389930	200.0	202.6	
50 1,1,1-Trichloroethane	97	3.075	3.075	0.000	97	536200	200.0	185.8	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	98	85321	50.0	49.4	
52 Carbon tetrachloride	117	3.166	3.166	0.000	97	525655	200.0	208.2	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	94	317530	200.0	199.5	
54 Isobutyl alcohol	43	3.312	3.324	-0.012	20	350904	5000.0	5363.9	
55 Benzene	78	3.343	3.343	0.000	97	889530	200.0	173.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	97	85085	50.0	49.3	
57 Isopropyl acetate	43	3.398	3.397	0.001	77	579334	200.0	185.0	
58 Tert-amyl methyl ether	73	3.398	3.404	-0.006	90	929403	200.0	190.2	
59 1,2-Dichloroethane	62	3.416	3.410	0.006	99	356388	200.0	178.9	
60 n-Heptane	57	3.471	3.464	0.007	90	135937	200.0	200.0	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	303852	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.750	3.744	0.006	92	1284941	400.0	421.7	
63 n-Butanol	56	3.848	3.854	-0.006	34	132201	5000.0	4999.9	
64 Trichloroethene	95	3.854	3.854	0.000	93	274435	200.0	197.0	
65 Methylcyclohexane	83	3.951	3.951	0.000	94	483091	200.0	200.0	
66 Ethyl acrylate	55	3.957	3.963	-0.006	98	499765	200.0	210.9	
67 1,2-Dichloropropane	63	4.091	4.085	0.006	84	187096	200.0	197.4	
* 68 1,4-Dioxane-d8	96	4.158	4.158	0.000	84	16351	1000.0	1000.0	
69 Methyl methacrylate	100	4.176	4.176	0.000	83	100085	400.0	447.2	
70 Dibromomethane	93	4.201	4.194	0.007	87	179595	200.0	191.7	
71 1,4-Dioxane	88	4.201	4.207	-0.006	58	51894	4000.0	3622.6	
72 n-Propyl acetate	43	4.225	4.225	0.000	98	189524	200.0	203.8	
73 Dichlorobromomethane	83	4.328	4.322	0.006	98	376159	200.0	216.5	
74 2-Nitropropane	41	4.620	4.614	0.006	99	119645	400.0	391.2	
75 2-Chloroethyl vinyl ether	63	4.633	4.639	-0.006	82	93251	200.0	213.2	
76 Epichlorohydrin	57	4.718	4.718	0.000	98	327722	4000.0	3503.6	
77 cis-1,3-Dichloropropene	75	4.760	4.766	-0.006	91	360260	200.0	196.3	
78 4-Methyl-2-pentanone (MIBK	43	4.918	4.918	0.000	95	825623	1000.0	984.7	
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	100	258602	50.0	53.6	
80 Toluene	91	5.034	5.034	0.000	93	962794	200.0	196.9	
81 trans-1,3-Dichloropropene	75	5.356	5.362	-0.006	97	327946	200.0	192.6	
82 Ethyl methacrylate	69	5.405	5.405	0.000	90	199731	200.0	206.5	
83 1,1,2-Trichloroethane	83	5.545	5.545	0.000	93	163935	200.0	199.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.569	5.569	0.000	96	388019	200.0	200.9	
85 1,3-Dichloropropane	76	5.728	5.727	0.001	93	299881	200.0	201.5	
86 2-Hexanone	43	5.813	5.819	-0.006	95	478242	1000.0	917.6	
88 n-Butyl acetate	43	5.934	5.928	0.006	91	173536	200.0	174.8	
87 Chlorodibromomethane	129	5.934	5.928	0.006	98	356649	200.0	229.3	
89 Ethylene Dibromide	107	6.062	6.062	0.000	99	253307	200.0	190.8	
* 90 Chlorobenzene-d5	117	6.573	6.573	0.000	83	268214	50.0	50.0	
91 Chlorobenzene	112	6.604	6.604	0.000	98	811978	200.0	193.4	
92 Ethylbenzene	106	6.719	6.713	0.006	97	387496	200.0	200.8	
93 1,1,1,2-Tetrachloroethane	131	6.725	6.725	0.000	93	402316	200.0	194.9	
94 m-Xylene & p-Xylene	106	6.865	6.859	0.006	95	503549	200.0	202.5	
95 o-Xylene	106	7.358	7.358	0.000	95	555003	200.0	194.5	
96 Styrene	104	7.401	7.400	0.001	96	834051	200.0	189.5	
97 n-Butyl acrylate	73	7.401	7.407	-0.006	97	130806	200.0	173.4	
98 Bromoform	173	7.656	7.650	0.006	98	257891	200.0	218.5	
99 Amyl acetate (mixed isomer	43	7.735	7.735	0.000	91	264633	200.0	189.9	
100 Isopropylbenzene	105	7.869	7.869	0.000	95	1538765	200.0	197.5	
$ 101 4-Bromofluorobenzene	174	8.161	8.161	0.000	94	125692	50.0	47.4	
102 Camphene	41	8.173	8.161	0.012	92	114866	200.0	202.4	
103 Bromobenzene	156	8.356	8.356	0.000	78	480551	200.0	207.2	
104 1,1,2,2-Tetrachloroethane	83	8.520	8.514	0.006	95	276667	200.0	202.9	
105 N-Propylbenzene	91	8.544	8.538	0.006	99	1443401	200.0	218.1	
106 1,2,3-Trichloropropane	110	8.575	8.569	0.006	94	91484	200.0	201.7	
107 trans-1,4-Dichloro-2-buten	53	8.648	8.648	0.000	70	60343	200.0	205.7	
108 2-Chlorotoluene	91	8.702	8.690	0.012	95	966501	200.0	207.4	
109 4-Ethyltoluene	105	8.769	8.769	0.000	98	1366196	200.0	210.8	
110 1,3,5-Trimethylbenzene	105	8.915	8.909	0.006	94	1331540	200.0	217.4	
111 4-Chlorotoluene	91	8.928	8.921	0.007	98	1027821	200.0	203.8	
112 Butyl Methacrylate	87	9.232	9.232	0.000	90	299659	200.0	203.3	
113 tert-Butylbenzene	119	9.530	9.524	0.006	95	1293455	200.0	234.8	
114 1,2,4-Trimethylbenzene	105	9.682	9.670	0.012	96	1323870	200.0	212.7	
115 sec-Butylbenzene	105	10.047	10.041	0.006	98	1693160	200.0	228.6	
116 1,3-Dichlorobenzene	146	10.321	10.315	0.007	99	826008	200.0	197.2	
117 4-Isopropyltoluene	119	10.442	10.430	0.012	98	1597203	200.0	220.5	
* 118 1,4-Dichlorobenzene-d4	152	10.485	10.485	0.000	89	175183	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.534	10.527	0.007	97	832470	200.0	191.5	
120 Benzyl chloride	91	10.813	10.807	0.006	100	629206	200.0	195.1	
121 2,3-Dihydroindene	117	10.893	10.886	0.007	94	1324179	200.0	197.0	
122 p-Diethylbenzene	119	11.063	11.063	0.000	95	828876	200.0	194.1	
123 1,2-Dichlorobenzene	146	11.087	11.081	0.006	97	780612	200.0	185.2	
124 n-Butylbenzene	91	11.087	11.081	0.006	97	1318191	200.0	196.0	
125 1,2,4,5-Tetramethylbenzene	119	11.896	11.896	0.000	98	1358608	200.0	190.7	
126 1,2-Dibromo-3-Chloropropan	75	11.951	11.951	0.000	88	56196	200.0	199.2	
127 1,3,5-Trichlorobenzene	180	12.073	12.073	0.000	97	681849	200.0	185.6	
128 Camphor	95	12.486	12.486	0.000	87	148324	1000.0	998.7	
129 1,2,4-Trichlorobenzene	180	12.553	12.553	0.000	93	527339	200.0	182.0	
130 Hexachlorobutadiene	225	12.645	12.645	0.001	91	249251	200.0	178.1	
131 Naphthalene	128	12.718	12.718	0.000	99	752914	200.0	194.5	
132 1,2,3-Trichlorobenzene	180	12.876	12.876	0.000	96	334974	200.0	179.0	
S 133 1,2-Dichloroethene, Total	100				0		400.0	350.5	
S 134 Xylenes, Total	100				0		400.0	397.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added:	20.00	Units: uL	
GAS Hi_00095	Amount Added:	20.00	Units: uL	
MIX I Hi_00039	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	20.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

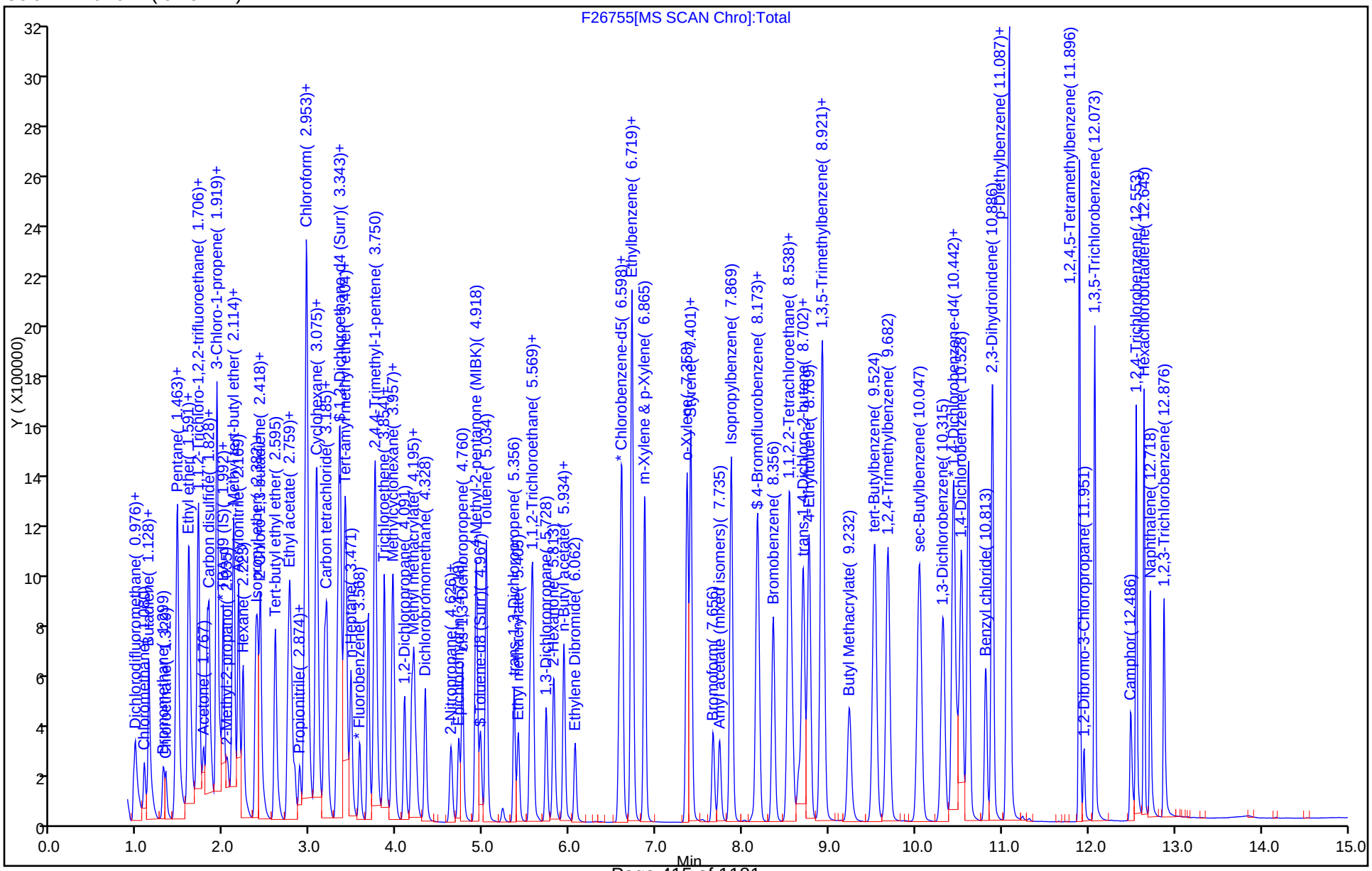
Report Date: 27-Apr-2015 14:22:13 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26755.D

Injection Date:	27-Apr-2015 00:41:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

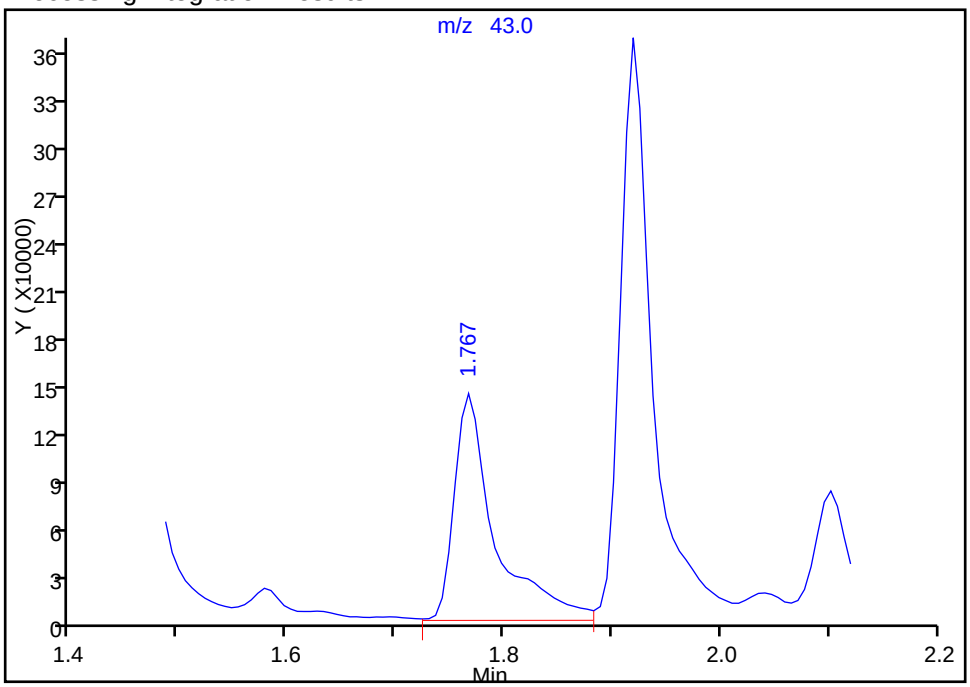
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26755.D
Injection Date: 27-Apr-2015 00:41:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 6 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

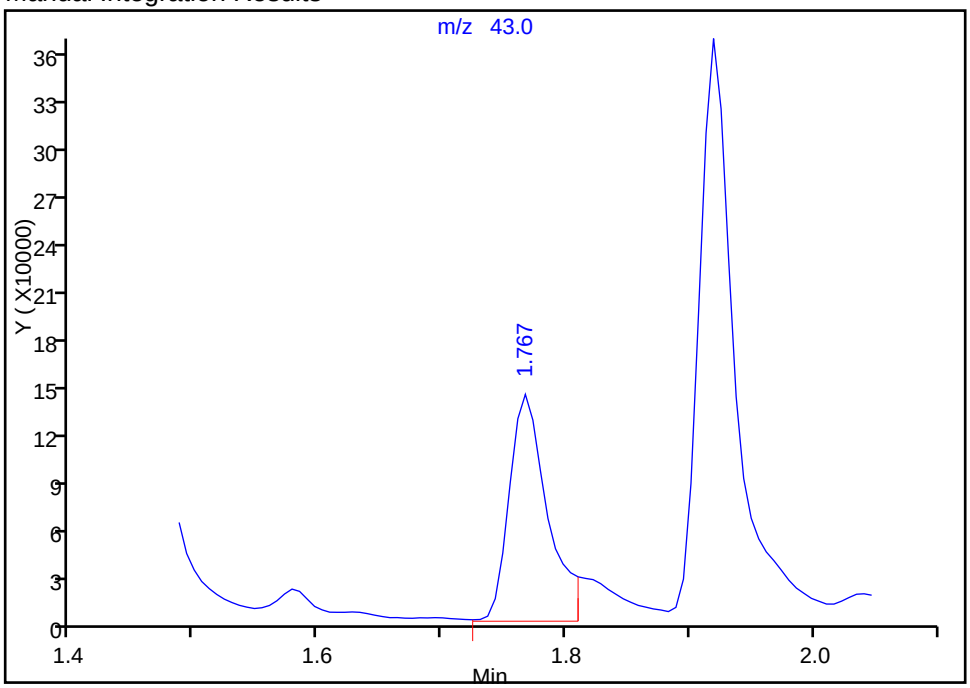
Processing Integration Results

RT: 1.77
Area: 372252
Amount: 1056.2620
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 307296
Amount: 900.3218
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:18:56
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26756.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Apr-2015 01:05:30 ALS Bottle#: 7 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0026685-009
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:22:14 Calib Date: 27-Apr-2015 01:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26756.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.958	-0.006	84	137828	500.0	502.2	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	1055779	500.0	442.7	
3 Chloromethane	50	1.080	1.067	0.013	98	600586	500.0	417.6	
4 Butadiene	54	1.129	1.122	0.007	97	580873	500.0	423.7	
5 Vinyl chloride	62	1.141	1.140	0.001	98	730827	500.0	453.5	
6 Bromomethane	94	1.299	1.286	0.013	98	333243	500.0	373.5	
7 Chloroethane	64	1.329	1.329	0.000	99	255397	500.0	382.4	
10 Trichlorofluoromethane	101	1.463	1.439	0.024	98	992828	500.0	392.4	
8 Dichlorofluoromethane	67	1.445	1.445	0.000	98	954486	500.0	377.6	
9 Pentane	72	1.463	1.469	-0.006	94	130303	1000.0	799.2	
11 Ethanol	45	1.579	1.578	0.001	79	372719	20000	18747	
12 Ethyl ether	59	1.579	1.585	-0.006	90	260637	500.0	378.9	
13 2-Methyl-1,3-butadiene	53	1.591	1.591	0.000	94	423093	500.0	403.1	
14 1,2-Dichloro-1,1,2-trifluo	117	1.609	1.609	0.000	92	528495	500.0	389.5	
15 Acrolein	56	1.688	1.688	0.000	89	25104	400.0	399.6	
16 1,1,2-Trichloro-1,2,2-trif	101	1.694	1.694	0.000	93	832529	500.0	474.0	
17 1,1-Dichloroethene	96	1.706	1.706	0.000	96	731691	500.0	441.5	
18 Acetone	43	1.767	1.767	0.000	85	725983	2500.0	2204.5	M
19 Iodomethane	142	1.804	1.804	0.000	99	1845846	500.0	403.6	
20 Isopropyl alcohol	45	1.834	1.822	0.012	94	299422	5000.0	4258.2	
21 Carbon disulfide	76	1.828	1.828	0.000	99	2265607	500.0	438.6	
22 3-Chloro-1-propene	41	1.907	1.913	-0.006	86	797745	500.0	500.5	
23 Methyl acetate	43	1.919	1.919	0.000	95	1660099	2500.0	1920.0	
24 Cyclopentene	67	1.919	1.919	0.000	90	1621552	500.0	434.2	
25 Acetonitrile	41	1.956	1.956	0.000	91	668401	5000.0	4334.9	
27 Methylene Chloride	84	1.992	1.992	0.000	85	741600	500.0	409.3	
* 26 TBA-d9 (IS)	46	2.005	1.998	0.007	94	44543	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.047	2.041	0.006	98	588210	5000.0	4588.4	
29 Methyl tert-butyl ether	73	2.102	2.102	0.000	95	2053644	500.0	429.2	
30 trans-1,2-Dichloroethene	96	2.114	2.114	0.000	90	707150	500.0	409.4	
31 Acrylonitrile	53	2.175	2.169	0.006	91	1665780	5000.0	4197.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.217	2.223	-0.006	89	339593	500.0	500.3	
33 Isopropyl ether	45	2.370	2.369	0.001	95	1375390	500.0	417.7	
34 1,1-Dichloroethane	63	2.388	2.394	-0.006	99	1034747	500.0	420.9	
35 Vinyl acetate	86	2.400	2.400	0.000	100	41304	1000.0	926.5	
36 Allyl alcohol	57	2.424	2.418	0.006	53	225286	12500	12361	
37 2-Chloro-1,3-butadiene	88	2.418	2.418	0.000	93	556164	500.0	437.3	
38 Tert-butyl ethyl ether	59	2.595	2.601	-0.006	90	1860150	500.0	445.8	
39 2,2-Dichloropropane	77	2.741	2.740	0.001	95	959146	500.0	404.6	
40 cis-1,2-Dichloroethene	96	2.759	2.765	-0.006	98	741591	500.0	423.5	
41 2-Butanone (MEK)	72	2.783	2.777	0.006	97	257095	2500.0	2637.9	
42 Ethyl acetate	70	2.783	2.783	0.000	95	77020	1000.0	914.8	
48 Methyl acrylate	55	2.820	2.820	0.000	97	345175	500.0	435.1	
43 Propionitrile	54	2.881	2.874	0.007	95	656244	5000.0	4973.6	
44 Chlorobromomethane	128	2.929	2.929	0.000	69	440117	500.0	434.3	
45 Tetrahydrofuran	42	2.941	2.941	0.000	88	294476	1000.0	845.9	
46 Methacrylonitrile	67	2.966	2.953	0.013	90	1707314	5000.0	4457.2	
47 Chloroform	83	2.978	2.966	0.012	99	1108345	500.0	403.6	
49 Cyclohexane	56	3.063	3.063	0.000	87	917013	500.0	469.7	
50 1,1,1-Trichloroethane	97	3.075	3.075	0.000	97	1259253	500.0	437.0	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	72	81715	50.0	46.7	
52 Carbon tetrachloride	117	3.167	3.166	0.001	97	1268444	500.0	490.2	
53 1,1-Dichloropropene	75	3.191	3.191	0.000	95	767363	500.0	474.2	
54 Isobutyl alcohol	43	3.319	3.324	-0.005	29	830685	12500	12725	
55 Benzene	78	3.343	3.343	0.000	96	2208205	500.0	400.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	91	89334	50.0	50.2	
57 Isopropyl acetate	43	3.404	3.397	0.007	76	1491728	500.0	469.7	
58 Tert-amyl methyl ether	73	3.404	3.404	0.000	86	2318360	500.0	468.0	
59 1,2-Dichloroethane	62	3.416	3.410	0.006	99	867436	500.0	436.2	
60 n-Heptane	57	3.471	3.464	0.007	88	304025	500.0	500.2	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	312904	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.751	3.744	0.007	91	3134705	1000.0	999.2	
63 n-Butanol	56	3.860	3.854	0.006	90	350592	12500	13378	
64 Trichloroethene	95	3.854	3.854	0.000	94	711556	500.0	496.8	
65 Methylcyclohexane	83	3.957	3.951	0.006	93	1180712	500.0	503.3	
66 Ethyl acrylate	55	3.963	3.963	0.000	97	1260006	500.0	512.9	
67 1,2-Dichloropropane	63	4.091	4.085	0.006	83	496484	500.0	506.9	
* 68 1,4-Dioxane-d8	96	4.195	4.158	0.037	76	20211	1000.0	1000.0	
69 Methyl methacrylate	100	4.176	4.176	0.000	90	286711	1000.0	1186.0	
70 Dibromomethane	93	4.201	4.194	0.007	90	458650	500.0	480.0	
71 1,4-Dioxane	88	4.207	4.207	0.000	39	141589	10000	8330.2	
72 n-Propyl acetate	43	4.231	4.225	0.006	98	546758	500.0	555.1	
73 Dichlorobromomethane	83	4.329	4.322	0.006	98	1008728	500.0	549.8	
74 2-Nitropropane	41	4.621	4.614	0.006	99	335926	1000.0	1052.5	
75 2-Chloroethyl vinyl ether	63	4.633	4.639	-0.006	80	274309	500.0	583.6	
76 Epichlorohydrin	57	4.724	4.718	0.006	99	875091	10000	8563.9	
77 cis-1,3-Dichloropropene	75	4.767	4.766	0.001	91	991264	500.0	481.6	
78 4-Methyl-2-pentanone (MIBK	43	4.925	4.918	0.007	94	2272572	2500.0	2415.4	
$ 79 Toluene-d8 (Surr)	98	4.973	4.967	0.006	98	288150	50.0	52.2	
80 Toluene	91	5.040	5.034	0.006	93	2637303	500.0	481.1	
81 trans-1,3-Dichloropropene	75	5.363	5.362	0.001	96	924409	500.0	483.7	
82 Ethyl methacrylate	69	5.411	5.405	0.006	89	603223	500.0	540.0	
83 1,1,2-Trichloroethane	83	5.545	5.545	0.000	93	459161	500.0	494.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.576	5.569	0.007	97	1018579	500.0	472.4	
85 1,3-Dichloropropane	76	5.734	5.727	0.007	93	864632	500.0	510.7	
86 2-Hexanone	43	5.819	5.819	0.000	94	1443171	2500.0	2457.4	
88 n-Butyl acetate	43	5.935	5.928	0.007	89	543963	500.0	487.3	
87 Chlorodibromomethane	129	5.941	5.928	0.013	97	993036	500.0	550.0	
89 Ethylene Dibromide	107	6.068	6.062	0.006	99	707595	500.0	476.4	
* 90 Chlorobenzene-d5	117	6.573	6.573	0.000	82	303522	50.0	50.0	
91 Chlorobenzene	112	6.610	6.604	0.006	98	2248849	500.0	478.4	
92 Ethylbenzene	106	6.725	6.713	0.012	97	1063141	500.0	489.5	
93 1,1,1,2-Tetrachloroethane	131	6.732	6.725	0.007	94	994309	500.0	438.6	
94 m-Xylene & p-Xylene	106	6.871	6.859	0.012	95	1414323	500.0	502.1	
95 o-Xylene	106	7.364	7.358	0.006	95	1479964	500.0	466.1	
96 Styrene	104	7.407	7.400	0.007	96	2329309	500.0	473.7	
97 n-Butyl acrylate	73	7.407	7.407	0.000	53	397685	500.0	472.2	
98 Bromoform	173	7.662	7.650	0.012	98	744372	500.0	544.8	
99 Amyl acetate (mixed isomer	43	7.741	7.735	0.006	91	822722	500.0	545.1	
100 Isopropylbenzene	105	7.875	7.869	0.006	95	3995702	500.0	461.8	
$ 101 4-Bromofluorobenzene	174	8.167	8.161	0.006	94	135762	50.0	46.1	
102 Camphene	41	8.179	8.161	0.018	92	304712	500.0	479.4	
103 Bromobenzene	156	8.362	8.356	0.006	79	1302860	500.0	524.1	
104 1,1,2,2-Tetrachloroethane	83	8.532	8.514	0.018	94	722566	500.0	500.4	
105 N-Propylbenzene	91	8.551	8.538	0.012	100	3907231	500.0	545.1	
106 1,2,3-Trichloropropane	110	8.587	8.569	0.018	94	248792	500.0	514.4	
107 trans-1,4-Dichloro-2-buten	53	8.660	8.648	0.012	68	167338	500.0	530.5	
108 2-Chlorotoluene	91	8.709	8.690	0.019	95	2579796	500.0	518.1	
109 4-Ethyltoluene	105	8.782	8.769	0.013	98	3755489	500.0	537.2	
110 1,3,5-Trimethylbenzene	105	8.928	8.909	0.019	94	3288004	500.0	505.7	
111 4-Chlorotoluene	91	8.946	8.921	0.025	97	2746738	500.0	511.4	
112 Butyl Methacrylate	87	9.250	9.232	0.018	90	881009	500.0	550.2	
113 tert-Butylbenzene	119	9.536	9.524	0.012	95	3252188	500.0	545.1	
114 1,2,4-Trimethylbenzene	105	9.694	9.670	0.024	96	3439854	500.0	517.3	
115 sec-Butylbenzene	105	10.053	10.041	0.012	98	4270091	500.0	534.9	
116 1,3-Dichlorobenzene	146	10.327	10.315	0.013	99	2179551	500.0	493.2	
117 4-Isopropyltoluene	119	10.449	10.430	0.019	97	3979337	500.0	514.9	
* 118 1,4-Dichlorobenzene-d4	152	10.497	10.485	0.012	90	185480	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.540	10.527	0.013	97	2211927	500.0	484.4	
120 Benzyl chloride	91	10.820	10.807	0.013	100	1667182	500.0	490.5	
121 2,3-Dihydroindene	117	10.899	10.886	0.013	94	3360566	500.0	477.4	
122 p-Diethylbenzene	119	11.069	11.063	0.006	94	2021397	500.0	456.8	
123 1,2-Dichlorobenzene	146	11.093	11.081	0.012	97	1773410	500.0	414.4	
124 n-Butylbenzene	91	11.093	11.081	0.012	96	3162356	500.0	454.2	
125 1,2,4,5-Tetramethylbenzene	119	11.896	11.896	0.000	98	3231530	500.0	441.1	
126 1,2-Dibromo-3-Chloropropan	75	11.951	11.951	0.000	88	143667	500.0	535.2	
127 1,3,5-Trichlorobenzene	180	12.073	12.073	0.000	98	1572723	500.0	420.5	
128 Camphor	95	12.487	12.486	0.001	87	423346	2500.0	2638.7	
129 1,2,4-Trichlorobenzene	180	12.553	12.553	0.000	94	1204502	500.0	410.3	
130 Hexachlorobutadiene	225	12.645	12.645	0.001	92	582503	500.0	410.7	
131 Naphthalene	128	12.718	12.718	0.000	99	1823212	500.0	454.9	
132 1,2,3-Trichlorobenzene	180	12.876	12.876	0.000	96	797441	500.0	418.8	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	832.9	
S 134 Xylenes, Total	100				0		1000.0	968.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00036	Amount Added:	40.00	Units: uL	
GAS Hi_00095	Amount Added:	50.00	Units: uL	
MIX I Hi_00039	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	50.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

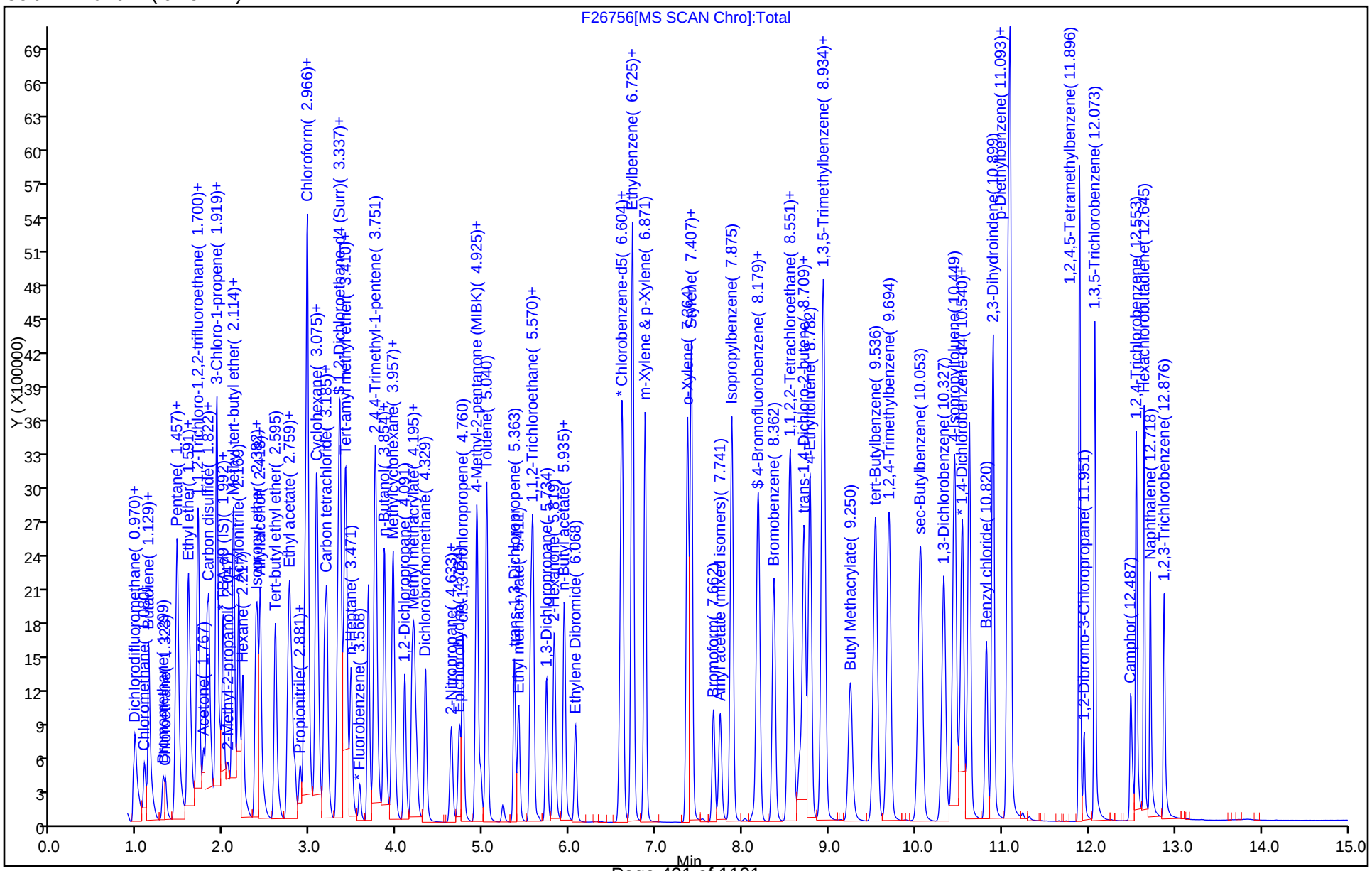
Report Date: 27-Apr-2015 14:22:16 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26756.D

Injection Date:	27-Apr-2015 01:05:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

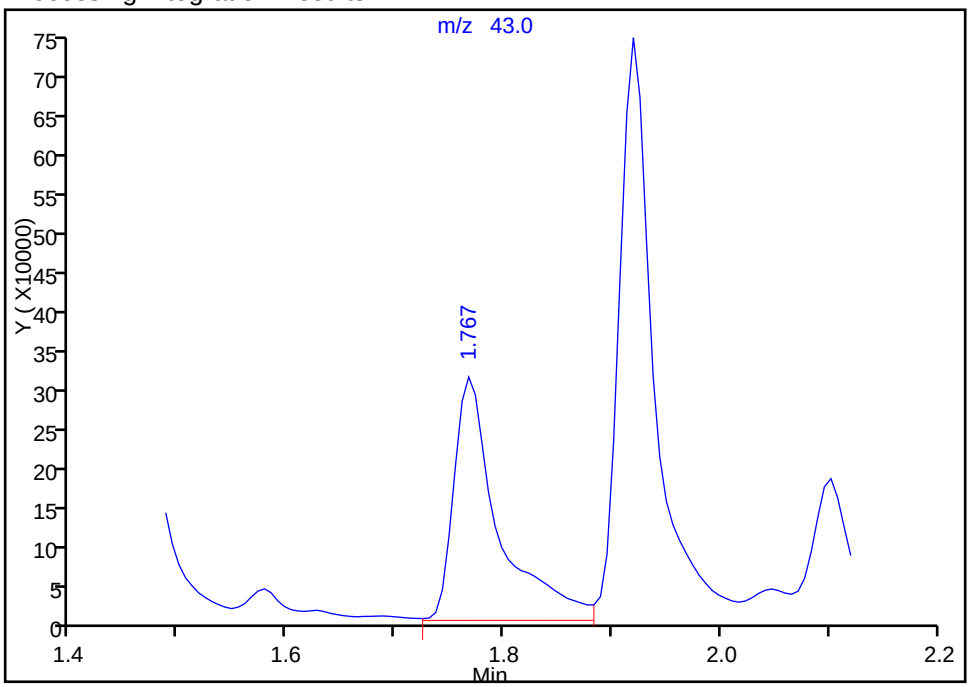
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26756.D
Injection Date: 27-Apr-2015 01:05:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 7 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

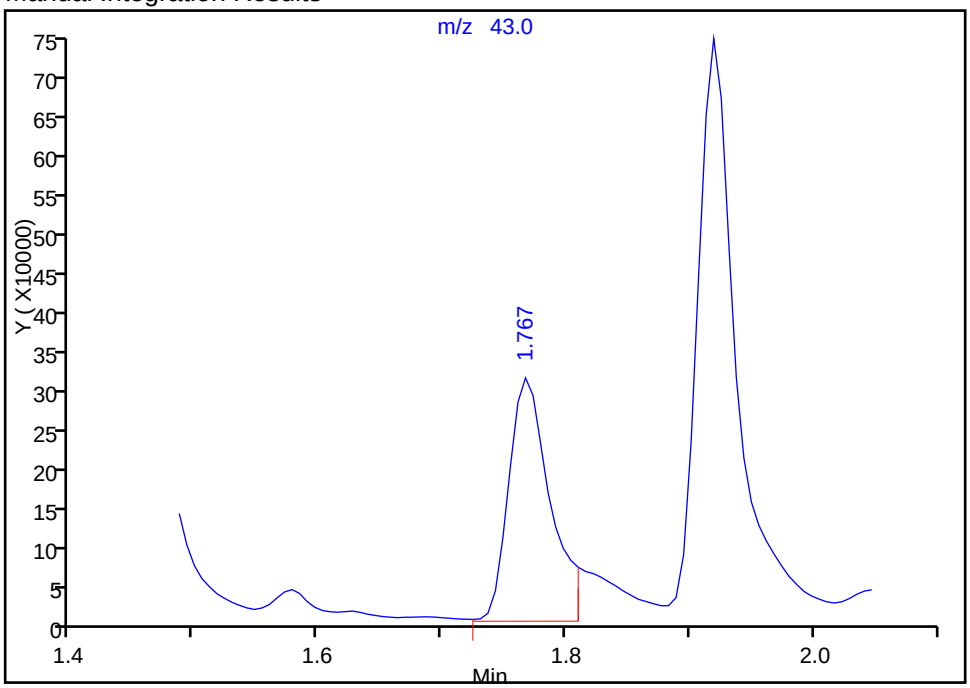
Processing Integration Results

RT: 1.77
Area: 894573
Amount: 2636.3682
Amount Units: ug/l



Manual Integration Results

RT: 1.77
Area: 725983
Amount: 2204.5424
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:20:33
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Apr-2015 02:16:30 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0026685-012
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 14:22:17 Calib Date: 27-Apr-2015 02:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	46	1.992	1.998	-0.006	95	41595	1000.0	1000.0	
31 Acrylonitrile	53	2.169	2.169	0.000	90	716	2.00	2.19	
$ 51 Dibromofluoromethane (Surr	113	3.087	3.087	0.000	98	77877	50.0	54.2	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.355	3.355	0.000	96	74734	50.0	51.7	
* 61 Fluorobenzene	96	3.568	3.568	0.000	99	252735	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.158	4.158	0.000	97	12457	1000.0	1000.0	
76 Epichlorohydrin	57	4.712	4.718	-0.006	14	312	5.00	4.75	M
$ 79 Toluene-d8 (Surr)	98	4.967	4.967	0.000	99	179537	50.0	50.1	
* 90 Chlorobenzene-d5	117	6.567	6.573	-0.006	83	197138	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	8.155	8.161	-0.006	95	108774	50.0	55.6	
* 118 1,4-Dichlorobenzene-d4	152	10.479	10.485	-0.006	94	159001	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

ACRY/EPIH MIX_00009	Amount Added:	2.00	Units: uL	
ACROLEIN W_00036	Amount Added:	0.00	Units: uL	
GAS Hi_00095	Amount Added:	0.00	Units: uL	
MIX I Hi_00039	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	0.00	Units: uL	
8260SURR250_00069	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00065	Amount Added:	1.00	Units: uL	Run Reagent

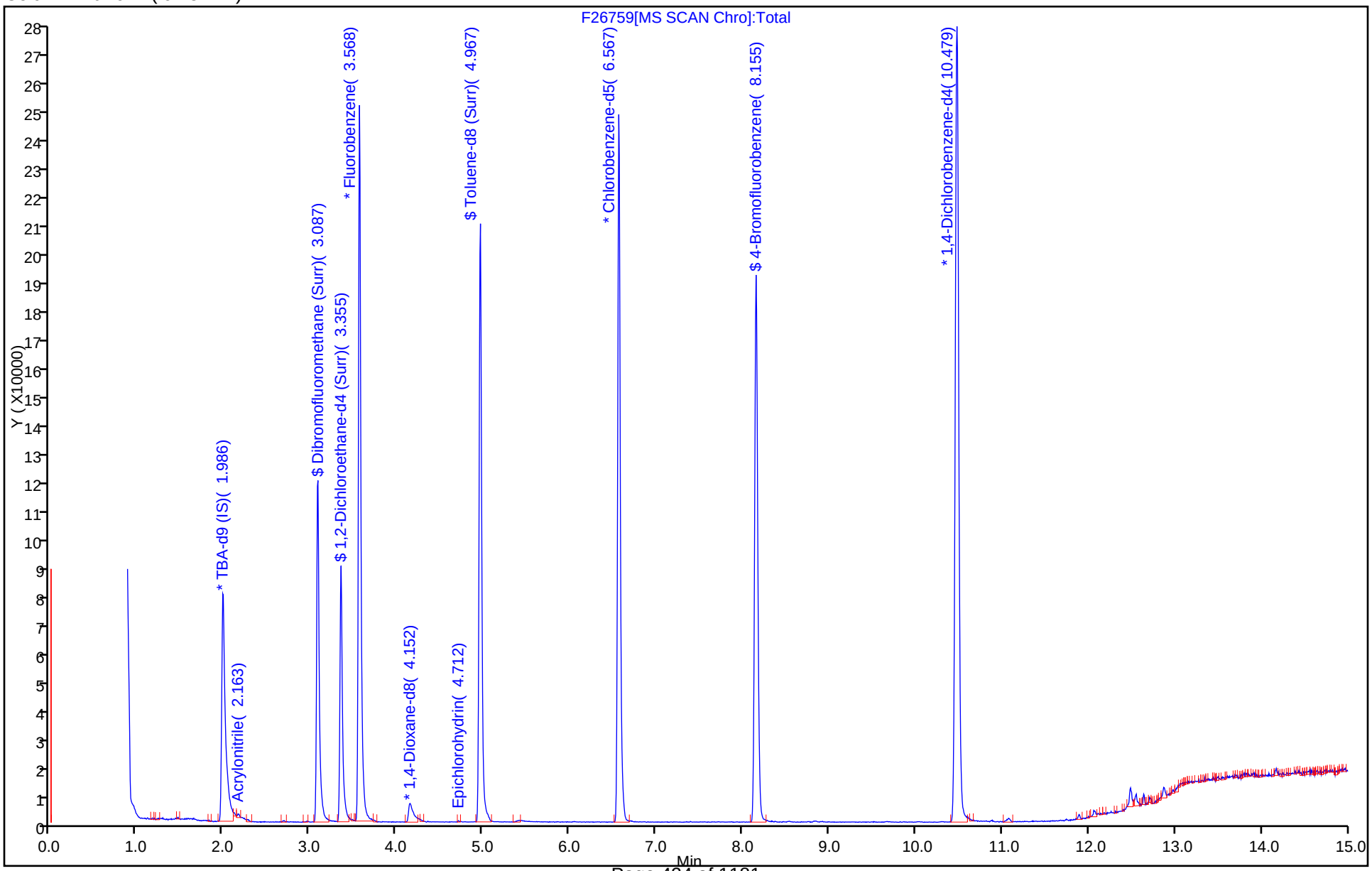
Report Date: 27-Apr-2015 14:22:20 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D

Injection Date:	27-Apr-2015 02:16:30	Instrument ID:	CVOAMS6	Operator ID:	VOA GC/MS6
Lims ID:	STD7			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

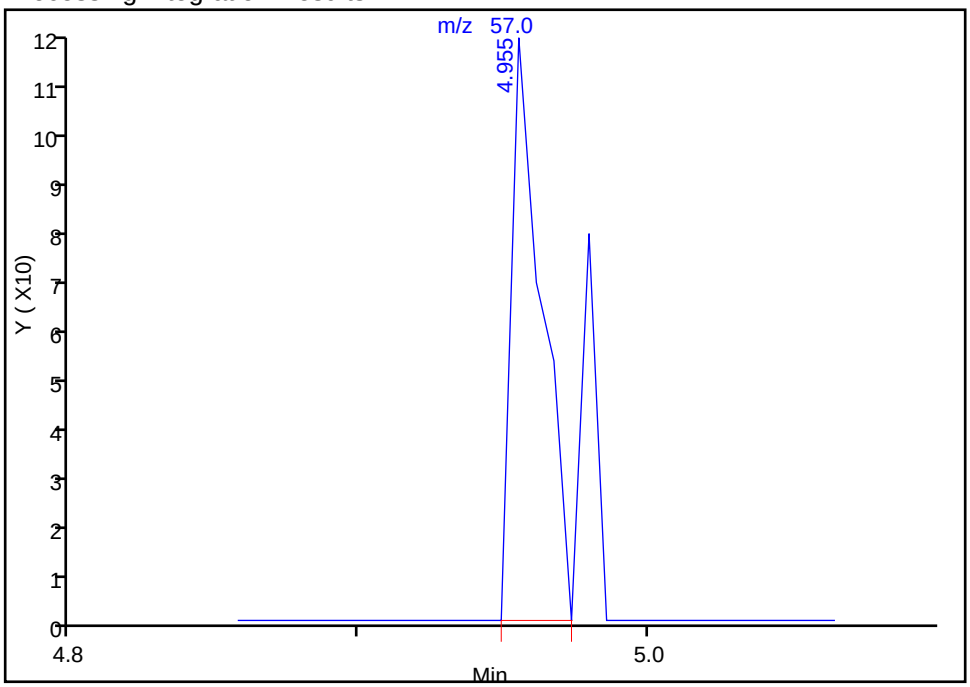
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D
Injection Date: 27-Apr-2015 02:16:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 Epichlorohydrin, CAS: 106-89-8

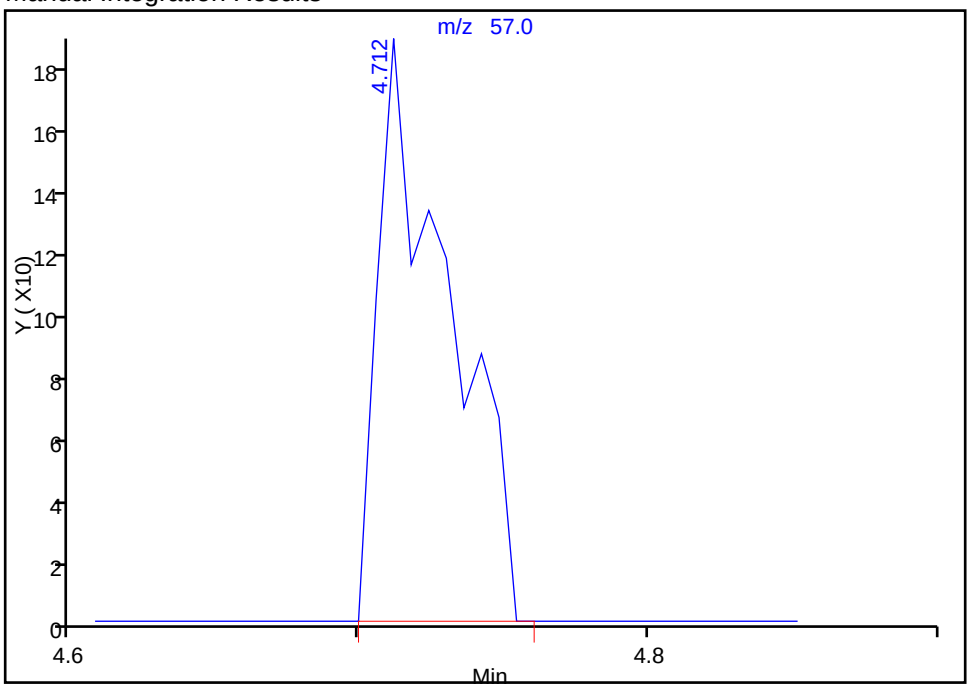
Processing Integration Results

RT: 4.96
Area: 88
Amount: -22.920233
Amount Units: ug/l



Manual Integration Results

RT: 4.71
Area: 312
Amount: 4.748338
Amount Units: ug/l



Reviewer: delpolitov, 27-Apr-2015 14:21:39
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-300669/13	F27880.D
Level 2	STD001 460-300669/5	F27872.D
Level 3	STD005 460-300669/6	F27873.D
Level 4	STD020 460-300669/7	F27874.D
Level 5	STD050 460-300669/8	F27875.D
Level 6	STD200 460-300669/9	F27876.D
Level 7	STD500 460-300669/10	F27877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0530	0.0379 0.0472	0.0316	0.0515	0.0504	Ave		0.0453				19.0		20.0			
Dichlorodifluoromethane	+++++ 0.4357	0.2935 0.3658	0.4195	0.4651	0.4543	Ave		0.4057			0.1000	16.0		20.0			
Chloromethane	+++++ 0.2454	0.2520 0.2111	0.2680	0.2706	0.2683	Ave		0.2526			0.1000	9.0		20.0			
Butadiene	+++++ 0.2459	0.2704 0.2014	0.2750	0.2904	0.2638	Ave		0.2578				12.1		20.0			
Vinyl chloride	+++++ 0.2984	0.2341 0.2479	0.3095	0.3280	0.3172	Ave		0.2892			0.1000	13.4		20.0			
Bromomethane	+++++ 17.097	21.313 17.583	16.875	17.492	13.568	Ave		17.321			0.1000	14.2		20.0			
Chloroethane	+++++ 14.036	14.825 13.631	15.063	14.550	12.155	Ave		14.043			0.1000	7.6		20.0			
Dichlorofluoromethane	+++++ 0.4232	0.4005 0.3293	0.5095	0.4884	0.4480	Ave		0.4332				15.0		20.0			
Pentane	+++++ 0.0266	0.0236 0.0212	0.0247	0.0291	0.0268	Ave		0.0254				11.0		20.0			
Trichlorofluoromethane	+++++ 0.4140	0.3106 0.3131	0.4083	0.4346	0.4035	Ave		0.3807			0.1000	14.3		20.0			
Ethanol	+++++ 0.5030	0.5785 0.4912	0.6188	0.6295	0.5088	Ave		0.5550				11.1		20.0			
Ethyl ether	+++++ 0.1061	0.1155 0.0814	0.1343	0.1432	0.1196	Ave		0.1167				18.7		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1854	0.1863 0.1478	0.1851	0.2096	0.1916	Ave		0.1843				10.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2599	0.2447 0.2099	0.2770	0.3322	0.2853	Ave		0.2682				15.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 0.4236	0.5728 0.4093	0.5119	0.4623	0.4250	Ave		0.4675				13.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3517	0.2701 0.2886	0.2123	0.4140	0.3915	QuaF		0.3953	-0.000214		0.1000				1.0000		0.9900
1,1-Dichloroethene	+++++ 0.3056	0.2922 0.2486	0.2921	0.3773	0.3413	Ave		0.3095			0.1000	14.4		20.0			
Acetone	+++++ 10.488	15.668 10.505	10.050	11.367	8.9959	Lin2	27.389	10.013			0.0500				0.9910		0.9900
Iodomethane	+++++ 0.7771	0.6398 0.6176	0.7696	0.9267	0.8748	Ave		0.7676				16.0		20.0			
Carbon disulfide	+++++ 1.0267	0.8000 0.8234	0.8937	1.1944	1.1436	Ave		0.9803			0.1000	17.0		20.0			
Isopropyl alcohol	+++++ 1.4511	2.2757 1.6302	1.7596	1.6067	1.4967	Ave		1.7033				17.6		20.0			
Allyl chloride	+++++ 0.3557	0.3260 0.2785	0.3472	0.4320	0.3944	Ave		0.3556				15.0		20.0			
Methyl acetate	+++++ 0.1290	0.1252 0.1015	0.1697	0.1692	0.1518	Ave		0.1411			0.1000	19.2		20.0			
Cyclopentene	+++++ 0.6840	0.5886 0.5576	0.6503	0.7677	0.7121	Ave		0.6600				11.8		20.0			
Acetonitrile	+++++ 0.0298	0.0229 +++++	0.0381	0.0377	0.0347	Ave		0.0326				19.5		20.0			
Methylene Chloride	+++++ 0.3068	0.2948 0.2519	0.3182	0.3631	0.3330	Ave		0.3113			0.1000	12.0		20.0			
2-Methyl-2-propanol	+++++ 3.4326	3.7677 3.5796	3.9213	3.2817	3.3935	Ave		3.5627				6.8		20.0			
Methyl tert-butyl ether	+++++ 0.8538	0.6572 0.6881	0.8519	0.9743	0.9301	Ave		0.8259			0.1000	15.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.2765	0.2581 0.2310	0.2732	0.3308	0.3017	Ave		0.2786			0.1000	12.4		20.0			
Acrylonitrile	0.0695 0.0667	0.0579 0.0537	0.0792	0.0831	0.0766	Ave		0.0695				15.8		20.0			
Hexane	+++++ 0.1235	0.1043 0.1003	0.0716	0.1534	0.1383	Qua	-0.004	0.1397	-0.000079						1.0000		0.9900
Isopropyl ether	+++++ 0.5897	0.4916 0.4880	0.6388	0.6928	0.6458	Ave		0.5911				14.4		20.0			
1,1-Dichloroethane	+++++ 0.4034	0.3641 0.3397	0.4104	0.4822	0.4368	Ave		0.4061			0.2000	12.5		20.0			
Vinyl acetate	+++++ 0.5580	+++++ 0.6671	0.7713	0.8094	0.6123	Ave		0.6836				15.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.2088	0.1658 0.1802	0.2019	0.2219	0.2133	Ave		0.1986				10.8		20.0			
Allyl alcohol	+++++ 0.4194	0.1787 0.4558	0.4152	0.3773	0.4195	Lin2	-6.169	0.4302							0.9960		0.9900
Tert-butyl ethyl ether	+++++ 0.7388	0.5335 0.6264	0.7230	0.8114	0.7715	Ave		0.7008				14.6		20.0			
2,2-Dichloropropane	+++++ 0.4102	0.2690 0.3257	0.2938	0.4913	0.4624	Qua	-0.088	0.4693	-0.000287						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.2828	0.2762 0.2453	0.2875	0.3303	0.3033	Ave		0.2876			0.1000	9.9		20.0			
2-Butanone (MEK)	+++++ 2.4305	1.6981 2.6906	2.1081	2.3331	2.0919	Ave		2.2254			0.0500	15.3		20.0			
Ethyl acetate	+++++ 0.0126	0.0119 0.0112	0.0142	0.0143	0.0130	Ave		0.0129				9.4		20.0			
Methyl acrylate	+++++ 0.1110	0.1263 0.0960	0.1543	0.1403	0.1249	Ave		0.1255				16.4		20.0			
Propionitrile	+++++ 3.1383	2.6780 3.3119	3.4769	3.3675	3.0652	Ave		3.1730				9.0		20.0			
Chlorobromomethane	+++++ 0.1664	0.1431 0.1434	0.1712	0.1913	0.1764	Ave		0.1653				11.5		20.0			
Tetrahydrofuran	+++++ 0.0555	0.0763 0.0455	0.0692	0.0643	0.0605	Ave		0.0619				17.4		20.0			
Methacrylonitrile	+++++ 0.0604	0.0604 0.0525	0.0689	0.0653	0.0631	Ave		0.0617				9.0		20.0			
Chloroform	+++++ 0.4258	0.3945 0.3548	0.4349	0.4966	0.4544	Ave		0.4268			0.2000	11.4		20.0			
Cyclohexane	+++++ 0.4297	0.3641 0.3429	0.2607	0.4966	0.4724	QuaF		0.4875	-0.000289		0.1000				1.0000		0.9900
1,1,1-Trichloroethane	+++++ 0.5226	0.4271 0.4280	0.4516	0.6013	0.5682	Ave		0.4998			0.1000	15.0		20.0			
Carbon tetrachloride	+++++ 0.5135	0.3698 0.4309	0.3582	0.5560	0.5349	Ave		0.4605			0.1000	18.7		20.0			
1,1-Dichloropropene	+++++ 0.2711	0.1938 0.2423	0.2271	0.3057	0.2797	Ave		0.2533				15.9		20.0			
Isobutyl alcohol	+++++ 1.6320	1.2183 1.6810	1.3576	1.6054	1.5414	Ave		1.5059				12.0		20.0			
Benzene	+++++ 0.8369	0.9141 0.6785	0.9415	1.1339	0.9973	Ave		0.9170			0.5000	16.7		20.0			
Isopropyl acetate	+++++ 0.5511	0.5407 0.4728	0.5664	0.5922	0.5633	Ave		0.5478				7.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 0.8742	0.7176 0.7506	0.8568	0.9501	0.9082	Ave		0.8429				10.8		20.0			
1,2-Dichloroethane	+++++ 0.2940	0.2708 0.2616	0.3011	0.3315	0.3057	Ave		0.2941			0.1000	8.6		20.0			
n-Heptane	+++++ 0.0987	0.0576 0.0850	0.0403	0.1167	0.1092	Qua	-0.039	0.1088	-0.000048						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	+++++ 0.6802	0.3573 0.5545	0.4210	0.6043	0.6213	QuaF		0.7433	-0.000188						0.9990		0.9900
Trichloroethene	+++++ 0.2426	0.1948 0.2277	0.2018	0.2590	0.2387	Ave		0.2274			0.2000	10.9		20.0			
n-Butanol	+++++ 0.5918	0.7108 0.6708	0.5009	0.4777	0.4634	Ave		0.5693				18.4		20.0			
Methylcyclohexane	+++++ 0.4964	0.3332 0.4155	0.2480	0.5374	0.5144	QuaF		0.5467	-0.000262		0.1000				1.0000		0.9900
Ethyl acrylate	+++++ 0.4888	0.3799 0.4302	0.3111	0.5052	0.4888	Ave		0.4340				17.6		20.0			
1,2-Dichloropropane	+++++ 0.1764	0.1247 0.1684	0.1517	0.1789	0.1725	Ave		0.1621			0.1000	12.8		20.0			
Methyl methacrylate	+++++ 0.0437	0.0302 0.0453	0.0378	0.0381	0.0378	Ave		0.0388				13.7		20.0			
Dibromomethane	+++++ 0.1587	0.1355 0.1469	0.1571	0.1688	0.1590	Ave		0.1543				7.5		20.0			
1,4-Dioxane	+++++ 0.8482	0.9424 0.7297	0.9905	1.0961	0.9647	Ave		0.9286				13.6		20.0			
n-Propyl acetate	+++++ 0.1643	0.1271 0.1741	0.1351	0.1210	0.1432	Ave		0.1441				14.6		20.0			
Dichlorobromomethane	+++++ 0.3312	0.2255 0.3252	0.2608	0.3136	0.3077	Ave		0.2940			0.2000	14.2		20.0			
2-Nitropropane	+++++ 0.0501	0.0404 0.0514	0.0398	0.0397	0.0416	Ave		0.0438				12.4		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0747	0.0621 0.0842	0.0670	0.0612	0.0611	Ave		0.0684				13.7		20.0			
Epichlorohydrin	0.0123 0.0152	0.0126 0.0130	0.0160	0.0178	0.0172	Ave		0.0149				15.2		20.0			
cis-1,3-Dichloropropene	+++++ 0.3322	0.2246 0.3109	0.2999	0.3652	0.3388	Ave		0.3119			0.2000	15.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 0.1667	0.1554 0.1433	0.1869	0.1966	0.1863	Ave		0.1725			0.0500	12.0		20.0			
Toluene	+++++ 0.9351	0.8164 0.8501	0.8244	1.0550	0.9793	Ave		0.9101			0.4000	10.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	+++++ 0.2911	0.2175 0.2842	0.2728	0.3153	0.2947	Ave		0.2793			0.1000	11.9		20.0			
Ethyl methacrylate	+++++ 0.1952	0.1638 0.1971	0.1881	0.2083	0.1936	Ave		0.1910				7.8		20.0			
1,1,2-Trichloroethane	+++++ 0.1586	0.1408 0.1493	0.1527	0.1742	0.1634	Ave		0.1565			0.1000	7.4		20.0			
Tetrachloroethene	+++++ 0.3473	0.2735 0.3213	0.2701	0.3920	0.3669	Ave		0.3285			0.2000	15.1		20.0			
1,3-Dichloropropane	+++++ 0.2867	0.2238 0.2808	0.2677	0.2994	0.2805	Ave		0.2732				9.6		20.0			
2-Hexanone	+++++ 0.0968	0.0983 0.0924	0.1000	0.1040	0.0925	Ave		0.0973			0.0500	4.6		20.0			
Chlorodibromomethane	+++++ 0.3390	0.2250 0.3188	0.2555	0.3298	0.3273	Ave		0.2992			0.1000	15.8		20.0			
n-Butyl acetate	+++++ 0.1749	0.2564 0.1755	0.2096	0.1862	0.1736	Ave		0.1960				16.6		20.0			
Ethylene Dibromide	+++++ 0.2336	0.2183 0.2251	0.2426	0.2580	0.2418	Ave		0.2366			0.1000	6.0		20.0			
Chlorobenzene	+++++ 0.8121	0.6448 0.7467	0.7082	0.8731	0.8182	Ave		0.7672			0.5000	10.9		20.0			
Ethylbenzene	+++++ 0.3973	0.3352 0.3585	0.3250	0.4392	0.4093	Ave		0.3774			0.1000	11.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.4067	0.3070 0.3280	0.3592	0.4753	0.4597	Ave		0.3893				17.8		20.0			
m-Xylene & p-Xylene	+++++ 0.5271	0.4085 0.4731	0.4168	0.5660	0.5341	Ave		0.4876			0.1000	13.4		20.0			
o-Xylene	+++++ 0.5955	0.4770 0.4963	0.5013	0.6869	0.6491	Ave		0.5677			0.3000	15.6		20.0			
Styrene	+++++ 0.8567	0.7239 0.7691	0.7792	0.9653	0.8881	Ave		0.8304			0.3000	10.8		20.0			
n-Butyl acrylate	+++++ 0.1398	0.1573 0.1352	0.1770	0.1635	0.1455	Ave		0.1531				10.3		20.0			
Bromoform	+++++ 0.2496	0.1857 0.2407	0.2007	0.2435	0.2432	Ave		0.2272			0.1000	11.9		20.0			
Amyl acetate (mixed isomers)	+++++ 0.4346	0.5133 0.4630	0.4791	0.4212	0.3875	Ave		0.4498				9.9		20.0			
Isopropylbenzene	+++++ 1.6172	1.1761 1.3010	1.2914	1.9191	1.7809	Ave		1.5143			0.1000	19.9		20.0			
Camphene	+++++ 0.1186	0.1501 0.0980	0.1086	0.1151	0.1088	Ave		0.1165				15.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	+++++ 0.6902	0.4959 0.7004	0.5362	0.6685	0.6399	Ave		0.6218				13.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4250	0.3201 0.3933	0.4170	0.4591	0.4338	Ave		0.4080			0.3000	11.8		20.0			
N-Propylbenzene	+++++ 2.2811	1.4419 2.0967	1.5426	2.2290	2.1279	Ave		1.9532				18.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1358	0.0997 0.1303	0.1294	0.1466	0.1328	Ave		0.1291				12.2		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.0803	0.0228 0.0814	0.0558	0.0747	0.0749	Lin2	-0.056	0.0769							0.9950		0.9900
2-Chlorotoluene	+++++ 1.5427	1.0030 1.4016	1.1099	1.5286	1.4652	Ave		1.3418				17.1		20.0			
4-Ethyltoluene	+++++ 2.1903	1.5232 2.0289	1.7822	1.9619	1.9075	Ave		1.8990				12.0		20.0			
1,3,5-Trimethylbenzene	+++++ 2.1461	1.2570 1.8086	1.4322	2.1553	2.0928	QuaF		2.3349	-0.001050						1.0000		0.9900
4-Chlorotoluene	+++++ 1.5781	1.1089 1.4945	1.2101	1.5891	1.4992	Ave		1.4133				14.4		20.0			
Butyl Methacrylate	+++++ 0.5130	0.4020 0.5138	0.4698	0.4821	0.4634	Ave		0.4740				8.7		20.0			
tert-Butylbenzene	+++++ 2.0378	1.0335 1.7769	1.1502	1.8925	1.8831	QuaF		2.1642	-0.000772						1.0000		0.9900
1,2,4-Trimethylbenzene	+++++ 2.1805	1.4487 1.8700	1.5004	2.1617	2.0994	Ave		1.8768				17.6		20.0			
sec-Butylbenzene	+++++ 2.7086	1.4685 2.2963	1.6073	2.6675	2.6155	QuaF		2.9338	-0.001272						1.0000		0.9900
1,3-Dichlorobenzene	+++++ 1.2520	0.9188 1.1942	1.0048	1.3366	1.2489	Ave		1.1592			0.6000	14.0		20.0			
4-Isopropyltoluene	+++++ 2.5398	1.4768 2.1300	1.6101	2.5707	2.4863	QuaF		2.7709	-0.001279						1.0000		0.9900
1,4-Dichlorobenzene	+++++ 1.2257	0.9340 1.1977	1.0624	1.3501	1.2612	Ave		1.1719			0.5000	12.8		20.0			
Benzyl chloride	+++++ 0.7695	0.2469 0.7416	0.4645	0.7917	0.7422	Qua	-1.043	0.7927	-0.000098						1.0000		0.9900
Indan	+++++ 2.1362	1.7392 1.8289	2.0026	2.1403	2.0823	Ave		1.9882				8.5		20.0			
p-Diethylbenzene	+++++ 1.3503	1.0270 1.0961	1.2262	1.3620	1.3157	Ave		1.2296				11.4		20.0			
1,2-Dichlorobenzene	+++++ 1.2416	0.9588 1.0252	1.1371	1.4338	1.3376	Ave		1.1890			0.4000	15.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 2.0823	1.4052 1.6651	1.6043	2.2983	2.1760	Ave		1.8719				19.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.2655	1.8873 1.7871	2.1635	2.4228	2.3316	Ave		2.1430				11.8		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0880	0.0728 0.0783	0.0666	0.0890	0.0869	Ave		0.0803			0.0500	11.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.1017	0.8006 0.8837	1.0107	1.1603	1.1423	Ave		1.0166				14.5		20.0			
Camphor	+++++ 0.0559	0.0636 0.0503	0.0549	0.0558	0.0583	Ave		0.0565				7.8		20.0			
1,2,4-Trichlorobenzene	+++++ 0.8839	0.4831 0.7033	0.5902	0.8825	0.9118	QuaF		0.9926	-0.000578		0.2000				1.0000		0.9900
Hexachlorobutadiene	+++++ 0.4150	0.2723 0.3396	0.2885	0.4888	0.4666	Qua	-0.066	0.4682	-0.000257						1.0000		0.9900
Naphthalene	+++++ 1.3263	0.9138 1.1083	0.8960	1.2095	1.3259	Ave		1.1300				17.0		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5912	0.3867 0.4964	0.3958	0.5366	0.5909	Ave		0.4996				18.3		20.0			
Dibromofluoromethane (Surr)	0.2320 0.2255	0.2373 0.2013	0.2962	0.2905	0.2307	Ave		0.2448				14.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2158 0.2338	0.2256 0.2174	0.2819	0.2793	0.2344	Ave		0.2412				11.6		20.0			
Toluene-d8 (Surr)	0.7270 0.7498	0.7371 0.7085	0.9513	0.9499	0.7599	Ave		0.7976				13.3		20.0			
4-Bromofluorobenzene	0.4107 0.3623	0.4103 0.3378	0.5266	0.5030	0.3797	Ave		0.4186				16.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-300669/13	F27880.D
Level 2	STD001 460-300669/5	F27872.D
Level 3	STD005 460-300669/6	F27873.D
Level 4	STD020 460-300669/7	F27874.D
Level 5	STD050 460-300669/8	F27875.D
Level 6	STD200 460-300669/9	F27876.D
Level 7	STD500 460-300669/10	F27877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 69011	237 185325	995	6115	14930	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 567354	1834 1435750	13198	55262	134458	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 319495	1575 828730	8430	32152	79392	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 320267	1690 790623	8652	34501	78079	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 388614	1463 973090	9736	38971	93869	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	TBA	Ave	+++++ 175184	1107 436362	4310	17613	35466	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	TBA	Ave	+++++ 143816	770 338286	3847	14651	31772	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 551139	2503 1292611	16027	58032	132583	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 69236	295 166459	1557	6925	15880	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 539121	1941 1228950	12843	51631	119415	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	Ave	+++++ 206150	1202 487555	6322	25355	53202	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 138195	722 319571	4225	17014	35390	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 241401	1164 580186	5822	24909	56692	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 338486	1529 823816	8715	39471	84430	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 4340	119 8126	523	931	2222	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	QuaF	+++++ 458034	1688 1132672	6680	49186	115879	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 397896	1826 975678	9190	44830	101010	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	TBA	Lin2	+++++ 537291	4069 1303485	12834	57227	117574	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1011867	3998 2424387	24209	110109	258899	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 1336937	4999 3232057	28115	141907	338467	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 148681	1182 404561	4494	16178	39124	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 463245	2037 1093302	10923	51328	116716	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 840185	3911 1992872	26691	100536	224695	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 890677	3678 2188631	20459	91214	210739	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	FB	Ave	+++++ 388683	1428 +++++	11971	44790	102565	+++++ 2000	10.0 +++++	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 399555	1842 988738	10010	43136	98550	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 351706	1957 888361	10015	33044	88704	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1111752	4107 2701080	26799	115763	275272	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 360075	1613 906885	8595	39304	89278	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	819 868239	3617 2108742	24919	98771	226765	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Qua	+++++ 160842	652 393891	2252	18223	40938	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 767858	3072 1915505	20097	82311	191129	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 525238	2275 1333522	12910	57292	129267	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBA	Ave	+++++ 11435	+++++ 33112	394	1630	3201	+++++ 400	+++++ 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 271860	1036 707241	6350	26360	63118	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl alcohol	TBA	Lin2	+++++ 107430	232 282816	2651	9498	27416	+++++ 5000	25.0 12500	125	500	1250

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 962026	3334 2458623	22746	96401	228341	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Qua	+++++ 534198	1681 1278471	9244	58377	136841	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 368259	1726 962764	9044	39241	89769	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	TBA	Ave	+++++ 124519	441 333869	2692	11746	27340	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	FB	Ave	+++++ 32865	149 88235	891	3389	7669	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	CBZ	Ave	+++++ 141187	627 398135	3851	13377	31374	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 321553	1391 821914	8880	33908	80123	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 216711	894 562728	5386	22725	52198	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	+++++ 144507	954 357168	4357	15271	35790	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 786219	3772 2059235	21666	77550	186615	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 554477	2465 1392599	13680	59004	134489	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	QuaF	+++++ 559586	2275 1345835	8201	59004	139815	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 680572	2669 1680125	14206	71440	168160	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 668607	2311 1691363	11268	66060	158311	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 353048	1211 951029	7145	36325	82790	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 418037	1582 1042913	8668	40412	100731	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBZ	Ave	+++++ 1064207	4538 2814414	23501	108133	250573	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 717677	3379 1855998	17817	70359	166715	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1138349	4484 2946171	26955	112886	268781	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 382782	1692 1026745	9471	39392	90473	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Qua	+++++ 128496	360 333460	1268	13866	32330	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	QuaF	+++++ 1771448	4465 4353150	26489	143606	367762	+++++ 400	2.00 1000	10.0	40.0	100
Trichloroethene	FB	Ave	+++++ 315961	1217 893693	6348	30774	70650	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA	Ave	+++++ 151597	923 416211	3198	12026	30285	+++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	QuaF	+++++ 646461	2082 1630973	7801	63851	152236	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 636459	2374 1688582	9788	60030	144675	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 229717	779 660867	4772	21254	51053	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 113734	378 355733	2380	9049	22357	+++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	+++++ 206678	847 576662	4942	20053	47063	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 64412	721 175421	1544	6281	15502	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 213997	794 683362	4249	14375	42395	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 431250	1409 1276594	8205	37259	91060	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 130531	505 403701	2501	9435	24603	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 97336	388 330672	2107	7267	18089	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	CBZ	Ave	283 385898	1254 1081846	7967	34025	86517	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 422435	1115 1289511	7486	34826	85121	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	+++++ 1060008	3858 2972244	23326	93737	234086	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 1189151	4053 3526633	20577	100606	246060	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 370121	1080 1178885	6808	30070	74045	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 248207	813 817534	4695	19864	48637	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 201657	699 619297	3811	16611	41065	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 441646	1358 1332642	6742	37386	92176	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBZ	Ave	+++++ 364596	1111 1164782	6683	28552	70474	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	+++++ 615487	2439 1916889	12486	49602	116234	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBZ	Ave	+++++ 431089	1117 1322650	6377	31452	82226	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 222419	1273 728062	5231	17761	43613	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 297057	1084 933940	6055	24601	60766	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1032733	3201 3097371	17677	83259	205588	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 505271	1664 1486966	8112	41885	102850	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 517131	1524 1360624	8967	45326	115510	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 670318	2028 1962541	10403	53973	134188	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 757317	2368 2058686	12513	65500	163094	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1089476	3594 3190511	19448	92048	223134	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 177733	781 560935	4419	15591	36557	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 317443	922 998306	5010	23217	61108	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 371715	2158 1169517	10273	33481	77465	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2056540	5839 5396760	32235	183003	447472	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	Ave	+++++ 150754	745 406565	2711	10972	27335	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 590298	2085 1769153	11496	53132	127926	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 363423	1346 993368	8940	36494	86722	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 1950773	6062 5296011	33074	177173	425417	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 116149	419 329032	2774	11656	26544	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin2	+++++ 68687	96 205590	1196	5936	14969	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCB	Ave	+++++ 1319333	4217 3540249	23798	121500	292924	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 1873202	6404 5124837	38213	155937	381343	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	QuaF	+++++ 1835340	5285 4568304	30708	171315	418401	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1349643	4662 3774931	25945	126305	299716	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 438723	1690 1297879	10072	38316	92648	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	QuaF	+++++ 1742755	4345 4488256	24662	150423	376474	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 1864821	6091 4723445	32170	171823	419721	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	QuaF	+++++ 2316390	6174 5800198	34463	212027	522902	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1070725	3863 3016560	21544	106236	249675	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	QuaF	+++++ 2172034	6209 5380174	34522	204333	497059	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1048242	3927 3025372	22778	107308	252146	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Qua	+++++ 658071	1038 1873128	9959	62930	148385	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 1826890	7312 4619618	42938	170121	416293	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 1154815	4318 2768559	26292	108256	263028	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1061799	4031 2589495	24381	113964	267406	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1780789	5908 4205903	34399	182679	435019	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1937458	7935 4514139	46387	192576	466131	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 75264	306 197903	1427	7076	17375	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 942218	3366 2232132	21671	92225	228369	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 238895	1338 634757	5885	22185	58272	+++++ 1000	5.00 2500	25.0	100	250
1,2,4-Trichlorobenzene	DCB	QuaF	+++++ 755923	2031 1776544	12654	70143	182285	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300669

SDG No.:

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/24/2015 11:34 Calibration End Date: 05/24/2015 14:43 Calibration ID: 50096

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua	+++++ 354878	1145 857690	6186	38850	93291	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1134263	3842 2799578	19212	96134	265067	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 505613	1626 1253866	8486	42655	118133	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	68399 73421	74159 79006	93193	86295	68274	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	63612 76112	70487 85335	88690	82965	69366	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	167430 238361	182963 293896	237447	226451	190929	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	94581 115168	101837 140129	131438	119923	95404	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Lims ID: STD001
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-May-2015 11:34:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD001
Misc. Info.: 460-0027769-005
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:16:17 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 07:10:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.976	0.952	0.024	19	237	1.00	0.8376	M
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	97	1834	1.00	0.7235	
3 Chloromethane	50	1.068	1.068	0.000	96	1575	1.00	1.00	
4 Butadiene	54	1.116	1.122	-0.006	93	1690	1.00	1.05	
5 Vinyl chloride	62	1.128	1.134	-0.006	97	1463	1.00	0.8096	
6 Bromomethane	94	1.287	1.293	-0.006	94	1107	1.00	1.23	
7 Chloroethane	64	1.323	1.323	0.000	91	770	1.00	1.06	
8 Dichlorofluoromethane	67	1.433	1.439	-0.006	97	2503	1.00	0.9247	M
9 Pentane	72	1.445	1.451	-0.006	89	295	2.00	1.86	
10 Trichlorofluoromethane	101	1.451	1.457	-0.006	60	1941	1.00	0.8160	
11 Ethanol	45	1.573	1.572	0.001	68	1202	40.0	41.7	
12 Ethyl ether	59	1.573	1.572	0.001	78	722	1.00	0.99	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	95	1164	1.00	1.01	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	84	1529	1.00	0.9124	
15 Acrolein	56	1.670	1.682	-0.012	1	119	4.00	4.90	
16 1,1,2-Trichloro-1,2,2-trif	101	1.682	1.688	-0.006	86	1688	1.00	1.00	
17 1,1-Dichloroethene	96	1.700	1.694	0.006	96	1826	1.00	0.9441	
18 Acetone	43	1.761	1.761	0.000	86	4069	5.00	5.09	M
19 Iodomethane	142	1.798	1.791	0.007	98	3998	1.00	0.8335	
21 Carbon disulfide	76	1.816	1.816	0.000	99	4999	1.00	0.8161	
20 Isopropyl alcohol	45	1.828	1.822	0.006	53	1182	10.0	13.4	M
22 3-Chloro-1-propene	41	1.901	1.901	0.000	64	2037	1.00	0.9166	
23 Methyl acetate	43	1.907	1.907	0.000	97	3911	5.00	4.44	
24 Cyclopentene	67	1.913	1.913	0.000	91	3678	1.00	0.8917	
25 Acetonitrile	41	1.950	1.950	0.000	32	1428	10.0	7.01	
27 Methylene Chloride	84	1.980	1.980	0.000	30	1842	1.00	0.9469	
* 26 TBA-d9 (IS)	46	1.992	1.986	0.006	95	51941	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	98	1957	10.0	10.6	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	4107	1.00	0.7958	
30 trans-1,2-Dichloroethene	96	2.102	2.108	-0.006	95	1613	1.00	0.9266	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.163	2.156	0.007	88	3617	10.0	8.32	
32 Hexane	43	2.211	2.211	0.000	81	652	1.00	0.7726	
33 Isopropyl ether	45	2.357	2.357	0.000	95	3072	1.00	0.8317	
34 1,1-Dichloroethane	63	2.382	2.376	0.006	98	2275	1.00	0.8965	
35 Vinyl acetate	86	2.385	2.388	-0.003	1	0	2.00	0	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	1036	1.00	0.8347	
36 Allyl alcohol	57	2.424	2.412	0.012	34	232	25.0	24.7	
38 Tert-butyl ethyl ether	59	2.582	2.576	0.006	91	3334	1.00	0.7613	
39 2,2-Dichloropropane	77	2.722	2.728	-0.006	91	1681	1.00	0.7604	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	95	1726	1.00	0.9605	
41 2-Butanone (MEK)	72	2.777	2.765	0.012	96	441	5.00	3.82	
42 Ethyl acetate	70	2.771	2.771	0.000	69	149	2.00	1.85	
48 Methyl acrylate	55	2.808	2.807	0.001	96	627	1.00	1.01	
43 Propionitrile	54	2.868	2.862	0.006	93	1391	10.0	8.44	
44 Chlorobromomethane	128	2.911	2.911	0.000	69	894	1.00	0.8656	
45 Tetrahydrofuran	42	2.929	2.929	0.000	31	954	2.00	2.47	
46 Methacrylonitrile	67	2.935	2.935	0.000	92	3772	10.0	9.78	
47 Chloroform	83	2.954	2.953	0.001	98	2465	1.00	0.9242	
49 Cyclohexane	56	3.039	3.045	-0.006	42	2275	1.00	0.7471	M
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	35	2669	1.00	0.8546	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	96	74159	50.0	48.5	
52 Carbon tetrachloride	117	3.148	3.148	0.000	93	2311	1.00	0.8030	
53 1,1-Dichloropropene	75	3.179	3.172	0.007	88	1211	1.00	0.7651	
54 Isobutyl alcohol	43	3.312	3.300	0.012	63	1582	25.0	20.2	M
55 Benzene	78	3.325	3.325	0.000	96	4538	1.00	1.00	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	96	70487	50.0	46.8	
57 Isopropyl acetate	43	3.385	3.379	0.006	79	3379	1.00	0.9872	
58 Tert-amyl methyl ether	73	3.385	3.379	0.006	88	4484	1.00	0.8513	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	96	1692	1.00	0.9207	
60 n-Heptane	57	3.465	3.452	0.013	70	360	1.00	0.8833	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	312446	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.732	3.726	0.006	88	4465	2.00	0.9615	
64 Trichloroethene	95	3.836	3.836	0.000	91	1217	1.00	0.8563	
63 n-Butanol	56	3.854	3.842	0.012	22	923	25.0	31.2	M
65 Methylcyclohexane	83	3.939	3.933	0.006	91	2082	1.00	0.6096	
66 Ethyl acrylate	55	3.939	3.933	0.006	80	2374	1.00	0.8753	M
67 1,2-Dichloropropane	63	4.073	4.073	0.000	81	779	1.00	0.7691	
* 68 1,4-Dioxane-d8	96	4.140	4.146	-0.006	97	15302	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	86	378	2.00	1.56	
70 Dibromomethane	93	4.176	4.176	0.000	82	847	1.00	0.8782	
71 1,4-Dioxane	88	4.188	4.182	0.006	37	721	50.0	50.7	
72 n-Propyl acetate	43	4.207	4.207	0.000	86	794	1.00	0.8816	
73 Dichlorobromomethane	83	4.310	4.310	0.000	97	1409	1.00	0.7669	
74 2-Nitropropane	41	4.590	4.596	-0.006	82	505	2.00	1.84	
75 2-Chloroethyl vinyl ether	63	4.620	4.608	0.012	54	388	1.00	0.9079	
76 Epichlorohydrin	57	4.700	4.699	0.001	95	1254	20.0	17.0	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	93	1115	1.00	0.7200	
78 4-Methyl-2-pentanone (MIBK	43	4.900	4.894	0.006	94	3858	5.00	4.50	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	99	182963	50.0	46.2	
80 Toluene	91	5.016	5.010	0.006	93	4053	1.00	0.8971	
81 trans-1,3-Dichloropropene	75	5.338	5.338	0.000	95	1080	1.00	0.7790	
82 Ethyl methacrylate	69	5.381	5.381	0.000	85	813	1.00	0.8574	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.527	5.521	0.006	89	699	1.00	0.8997	
84 Tetrachloroethene	166	5.545	5.551	-0.006	95	1358	1.00	0.8326	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	89	1111	1.00	0.8193	
86 2-Hexanone	43	5.795	5.794	0.001	87	2439	5.00	5.05	
87 Chlorodibromomethane	129	5.916	5.910	0.006	94	1117	1.00	0.7519	
88 n-Butyl acetate	43	5.916	5.910	0.006	78	1273	1.00	1.31	
89 Ethylene Dibromide	107	6.038	6.038	0.000	92	1084	1.00	0.9229	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	248228	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	81	3201	1.00	0.8404	
92 Ethylbenzene	106	6.689	6.689	0.000	98	1664	1.00	0.8881	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	95	1524	1.00	0.7885	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	96	2028	1.00	0.8378	
95 o-Xylene	106	7.334	7.328	0.006	95	2368	1.00	0.8402	
96 Styrene	104	7.370	7.370	0.000	95	3594	1.00	0.8718	
97 n-Butyl acrylate	73	7.376	7.376	0.000	68	781	1.00	1.03	
98 Bromoform	173	7.626	7.632	-0.006	95	922	1.00	0.8173	
99 Amyl acetate (mixed isomer	43	7.699	7.705	-0.006	91	2158	1.00	1.14	
100 Isopropylbenzene	105	7.839	7.839	0.000	95	5839	1.00	0.7767	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	96	101837	50.0	49.0	
102 Camphene	41	8.137	8.137	0.000	2	745	1.00	1.29	M
103 Bromobenzene	156	8.319	8.319	0.000	76	2085	1.00	0.7975	
104 1,1,2,2-Tetrachloroethane	83	8.483	8.483	0.000	93	1346	1.00	0.7846	
105 N-Propylbenzene	91	8.502	8.508	-0.006	99	6062	1.00	0.7382	
106 1,2,3-Trichloropropane	110	8.538	8.538	0.000	70	419	1.00	0.7720	
107 trans-1,4-Dichloro-2-buten	53	8.617	8.617	0.000	1	96	1.00	1.03	
108 2-Chlorotoluene	91	8.654	8.660	-0.006	95	4217	1.00	0.7475	
109 4-Ethyltoluene	105	8.733	8.727	0.006	96	6404	1.00	0.8021	
110 1,3,5-Trimethylbenzene	105	8.879	8.873	0.006	94	5285	1.00	0.5385	
111 4-Chlorotoluene	91	8.891	8.891	0.000	97	4662	1.00	0.7846	
112 Butyl Methacrylate	87	9.201	9.189	0.012	92	1690	1.00	0.8480	M
113 tert-Butylbenzene	119	9.487	9.481	0.006	95	4345	1.00	0.4776	
114 1,2,4-Trimethylbenzene	105	9.639	9.633	0.006	96	6091	1.00	0.7719	
115 sec-Butylbenzene	105	9.992	9.998	-0.006	98	6174	1.00	0.5007	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	71	3863	1.00	0.7926	M
117 4-Isopropyltoluene	119	10.400	10.394	0.006	97	6209	1.00	0.5331	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	92	210216	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	94	3927	1.00	0.7971	
120 Benzyl chloride	91	10.783	10.783	0.000	96	1038	1.00	1.63	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	96	7312	1.00	0.8747	
122 p-Diethylbenzene	119	11.033	11.032	0.001	94	4318	1.00	0.8353	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	93	4031	1.00	0.8064	
124 n-Butylbenzene	91	11.057	11.057	0.000	97	5908	1.00	0.7507	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	97	7935	1.00	0.8807	
126 1,2-Dibromo-3-Chloropropan	75	11.927	11.933	-0.006	84	306	1.00	0.9067	
127 1,3,5-Trichlorobenzene	180	12.055	12.054	0.001	96	3366	1.00	0.7876	
128 Camphor	95	12.474	12.474	0.000	89	1338	5.00	5.64	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	92	2031	1.00	0.4868	
130 Hexachlorobutadiene	225	12.632	12.632	0.000	89	1145	1.00	0.7220	
131 Naphthalene	128	12.706	12.705	0.001	98	3842	1.00	0.8087	
132 1,2,3-Trichlorobenzene	180	12.864	12.870	-0.006	96	1626	1.00	0.7741	
S 133 1,2-Dichloroethene, Total	100				0		2.00	1.89	
S 134 Xylenes, Total	100				0		2.00	1.68	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00098	Amount Added:	1.00	Units: uL	
MIX I Hi_00040	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
14DIOXINTER_00031	Amount Added:	30.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

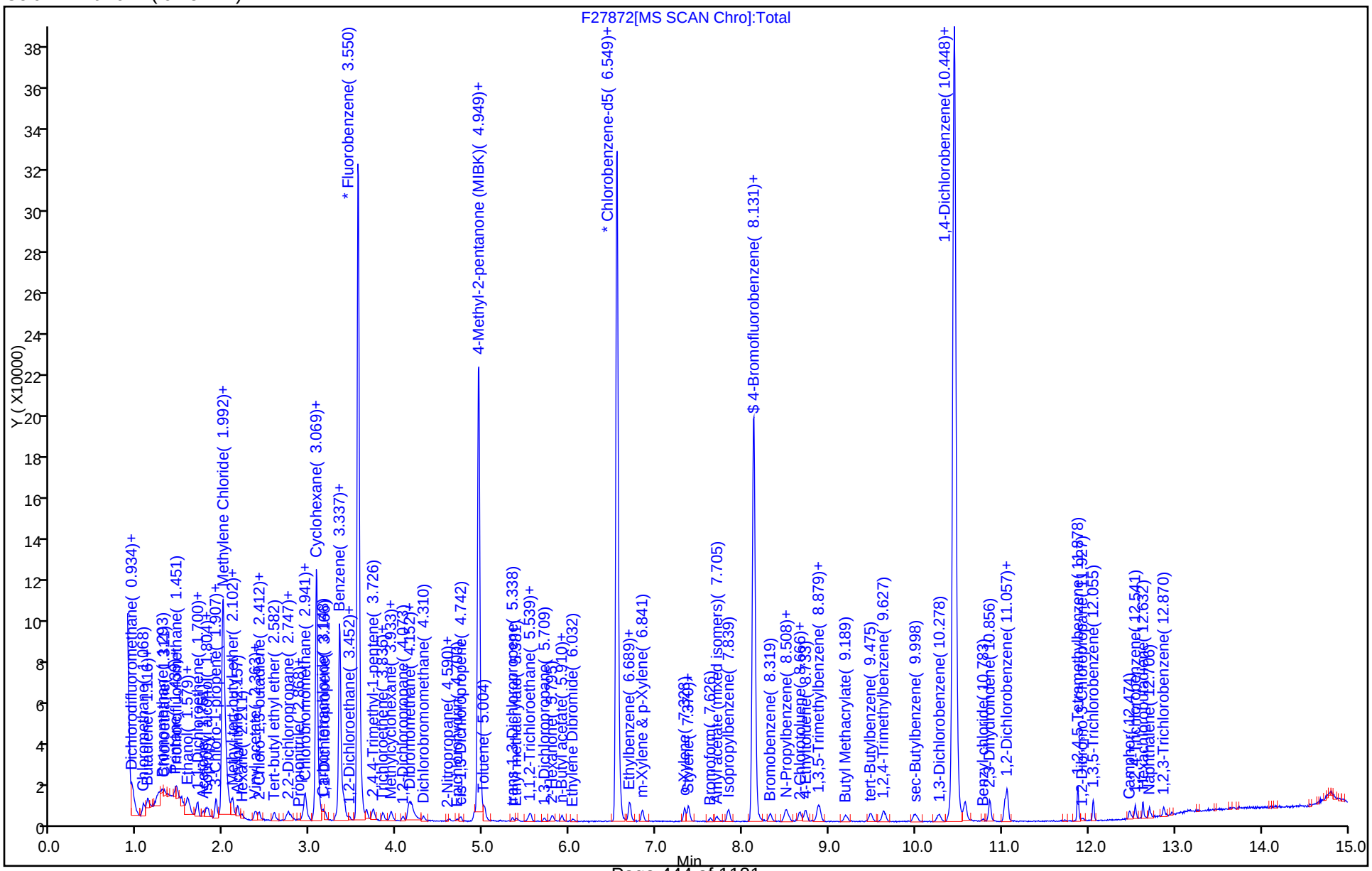
Report Date: 27-May-2015 11:16:20 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D

Injection Date:	24-May-2015 11:34:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD001			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

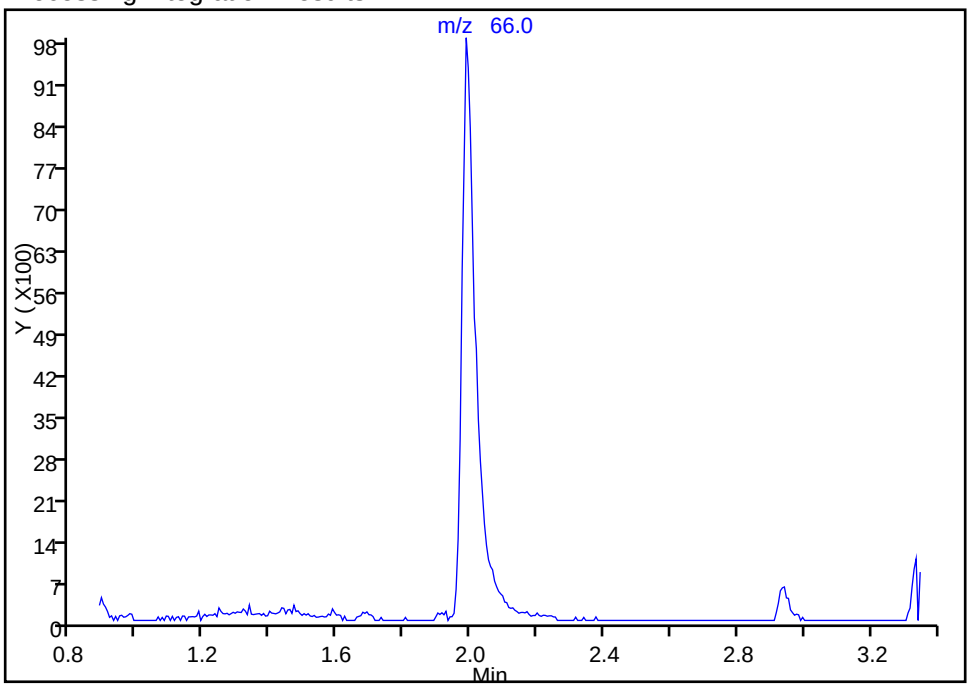
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

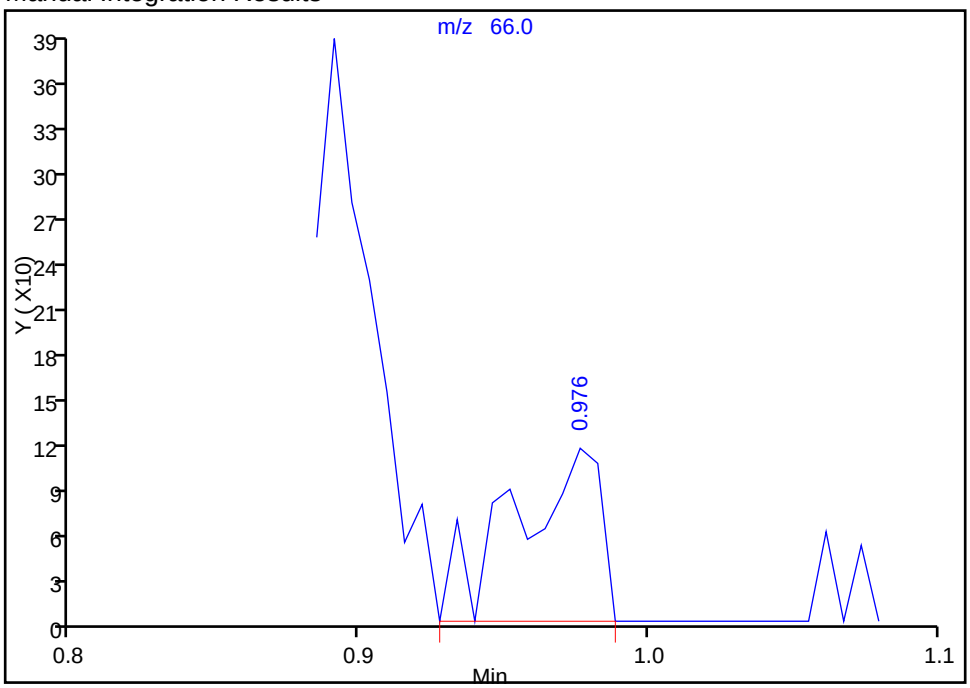
Not Detected
Expected RT: 0.95

Processing Integration Results



Manual Integration Results

RT: 0.98
Area: 237
Amount: 0.837601
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

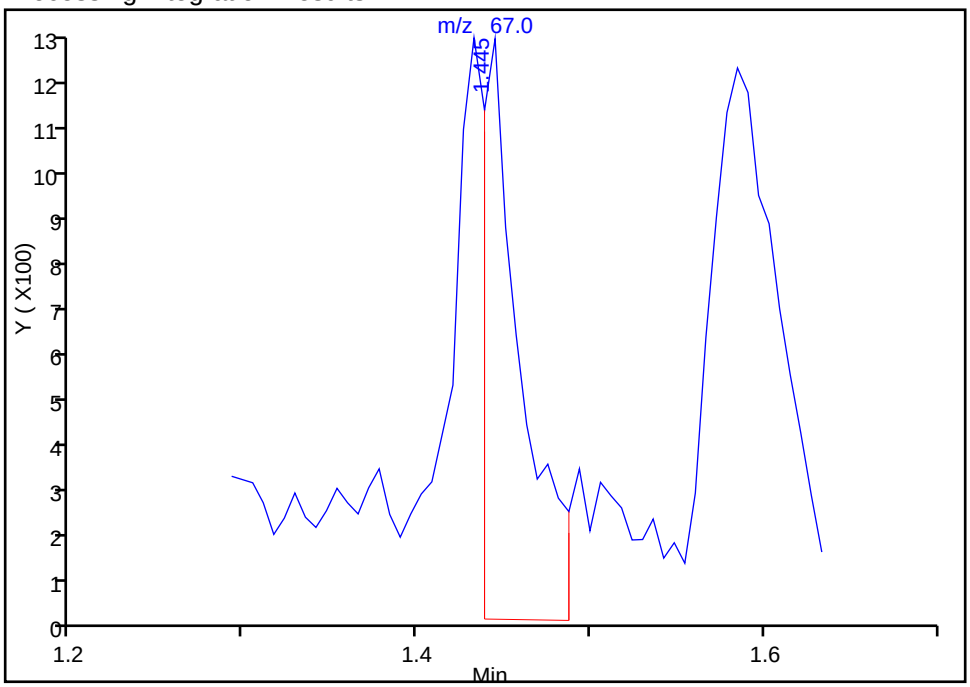
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

8 Dichlorofluoromethane, CAS: 75-43-4

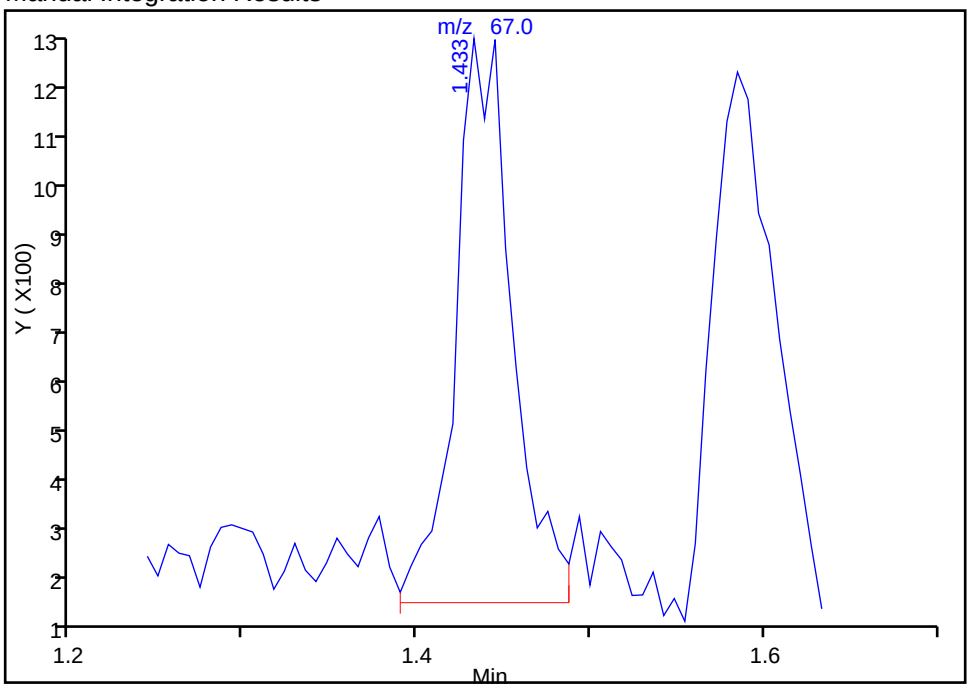
Processing Integration Results

RT: 1.44
Area: 1954
Amount: 0.747142
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2503
Amount: 0.924708
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

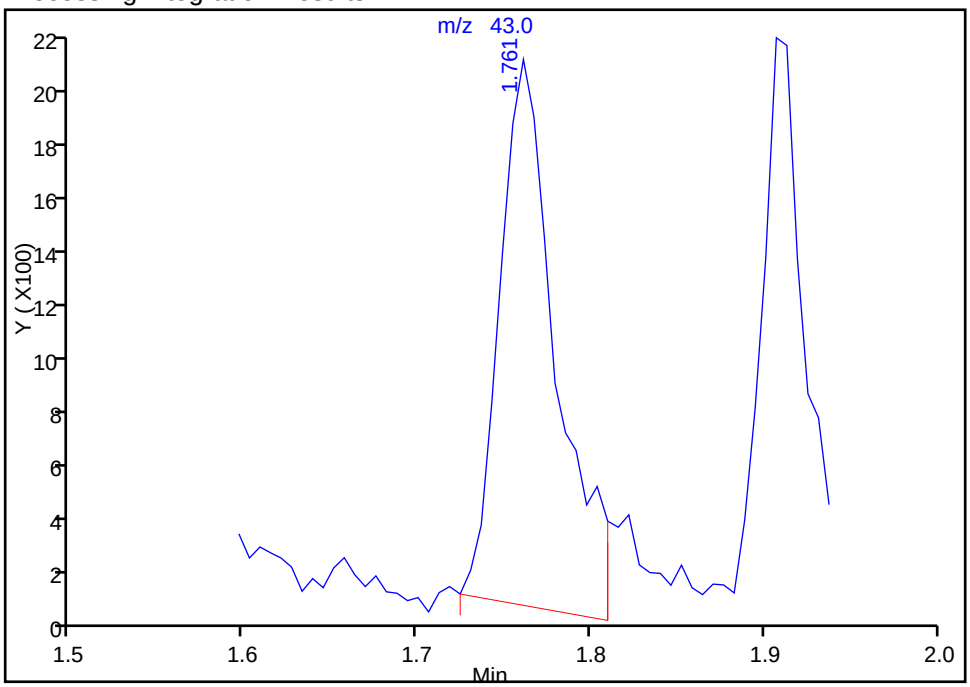
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

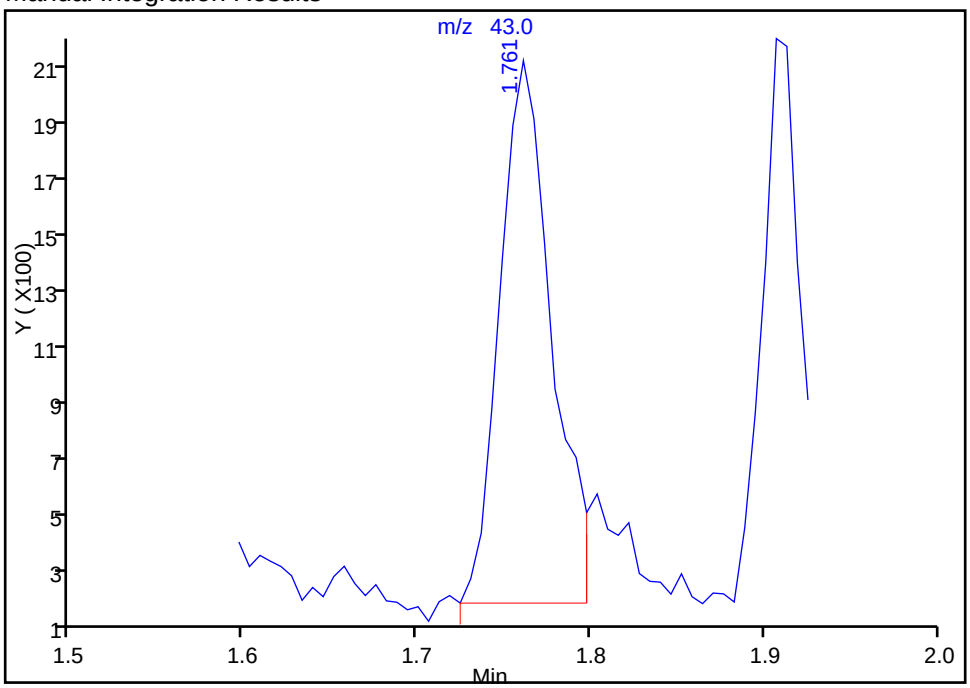
Processing Integration Results

RT: 1.76
Area: 4571
Amount: 7.651844
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 4069
Amount: 5.088396
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:50:08
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

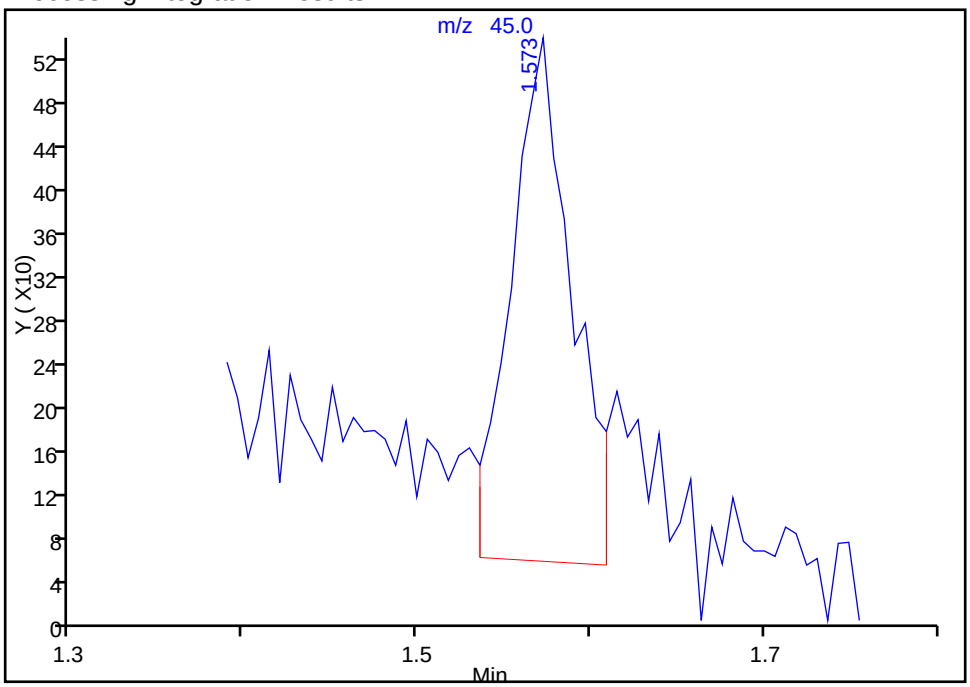
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

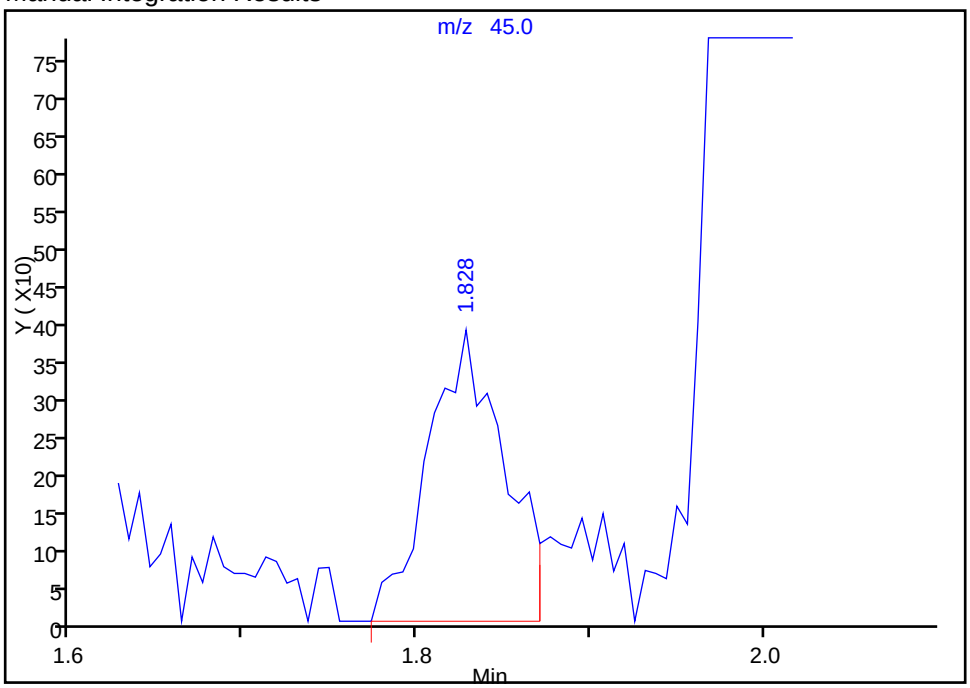
Processing Integration Results

RT: 1.57
Area: 1202
Amount: -19.100026
Amount Units: ug/l



Manual Integration Results

RT: 1.83
Area: 1182
Amount: 13.360120
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

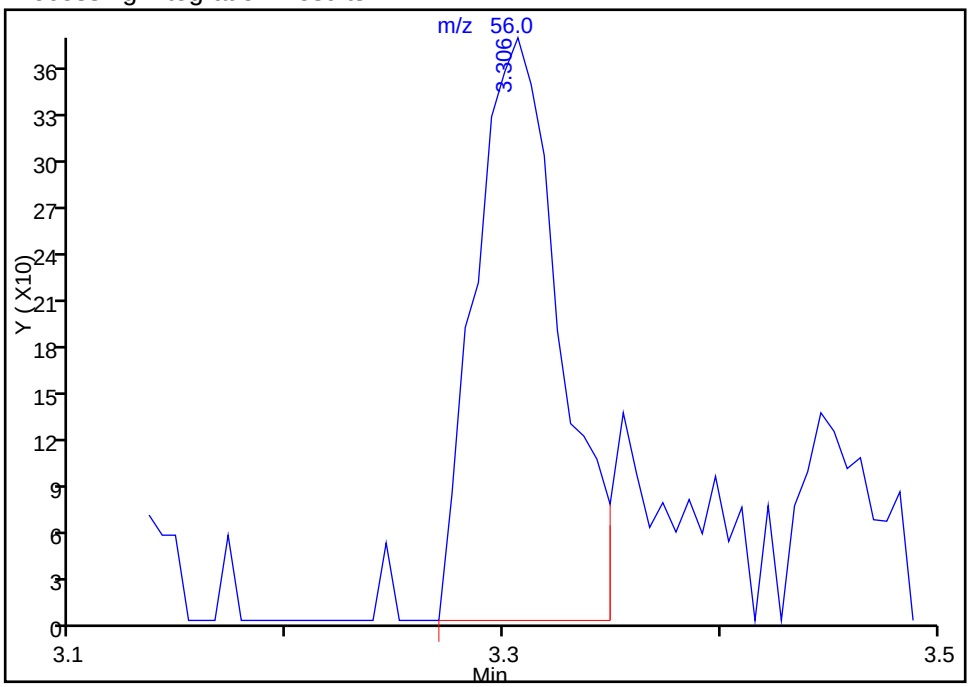
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

49 Cyclohexane, CAS: 110-82-7

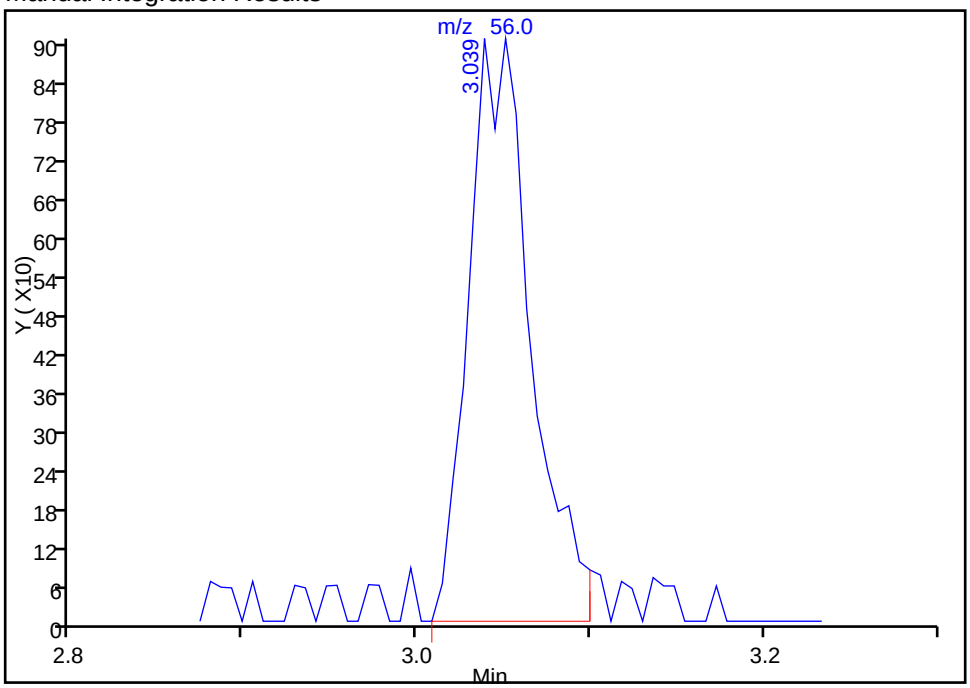
Processing Integration Results

RT: 3.31
Area: 1023
Amount: 1.142834
Amount Units: ug/l



Manual Integration Results

RT: 3.04
Area: 2275
Amount: 0.747064
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

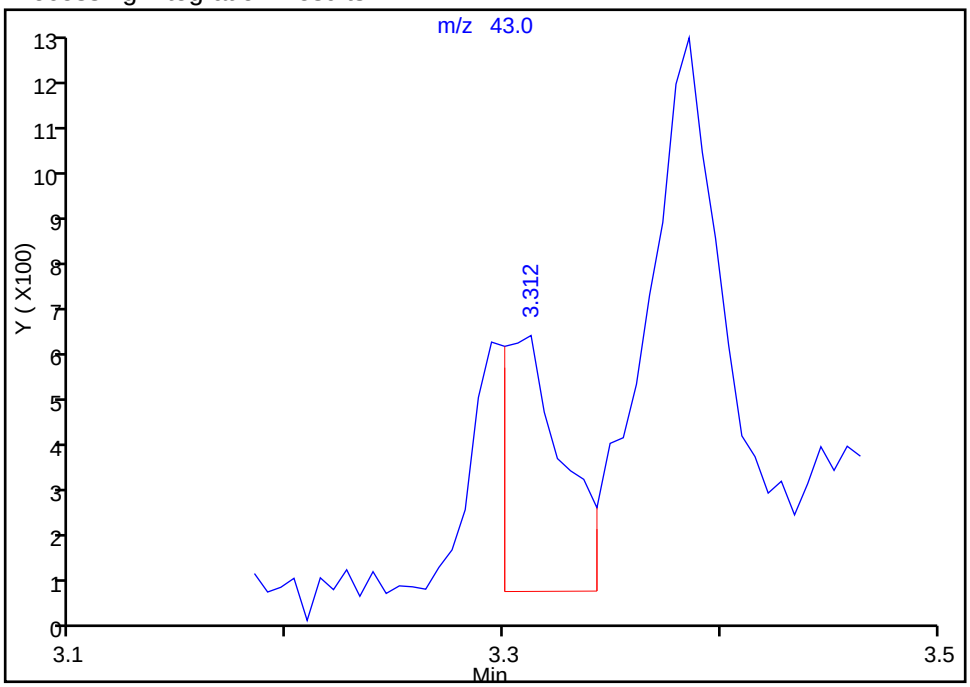
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

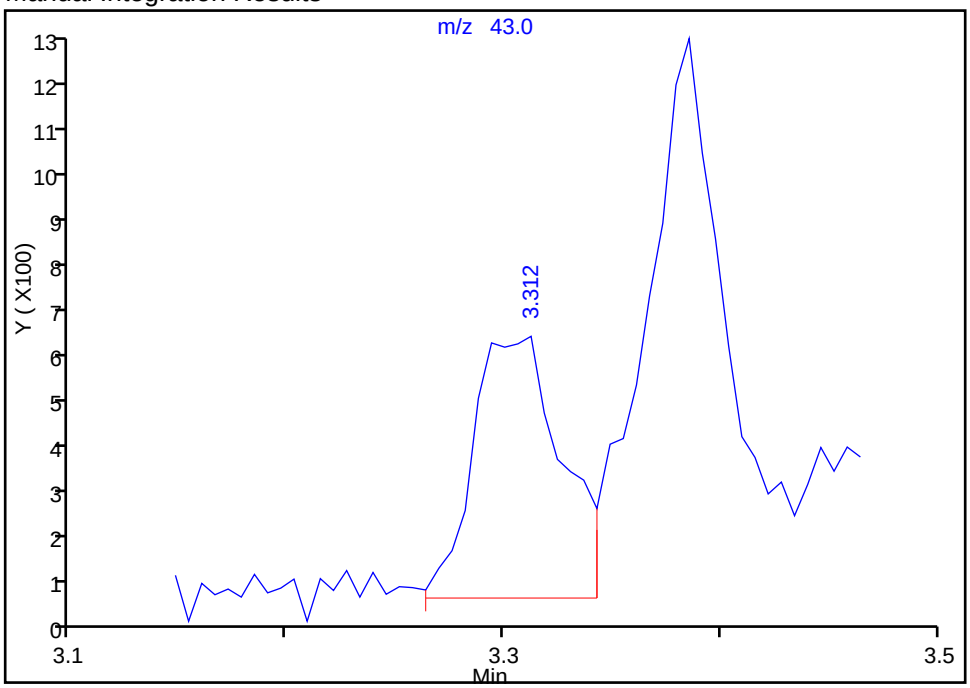
Processing Integration Results

RT: 3.31
Area: 1062
Amount: 79.629193
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 1582
Amount: 20.225078
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

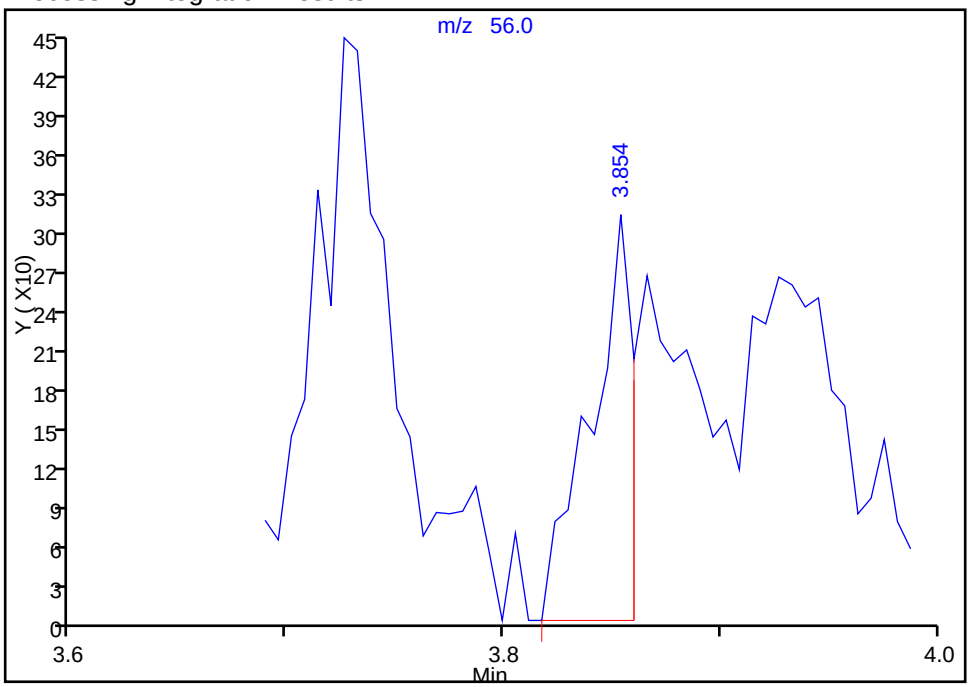
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

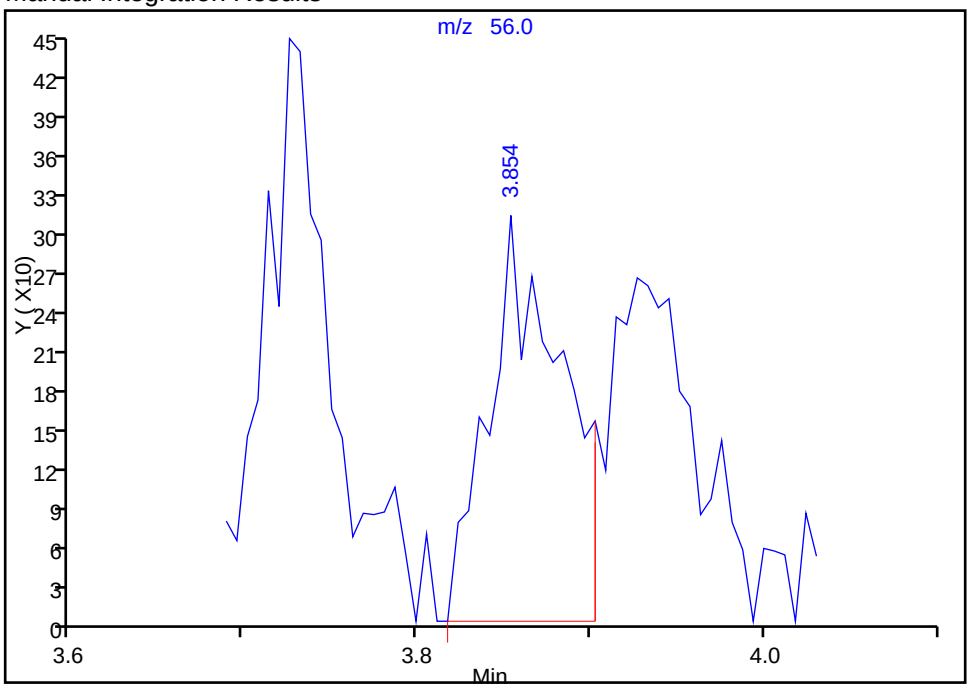
Processing Integration Results

RT: 3.85
Area: 426
Amount: 75.330974
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 923
Amount: 31.216760
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

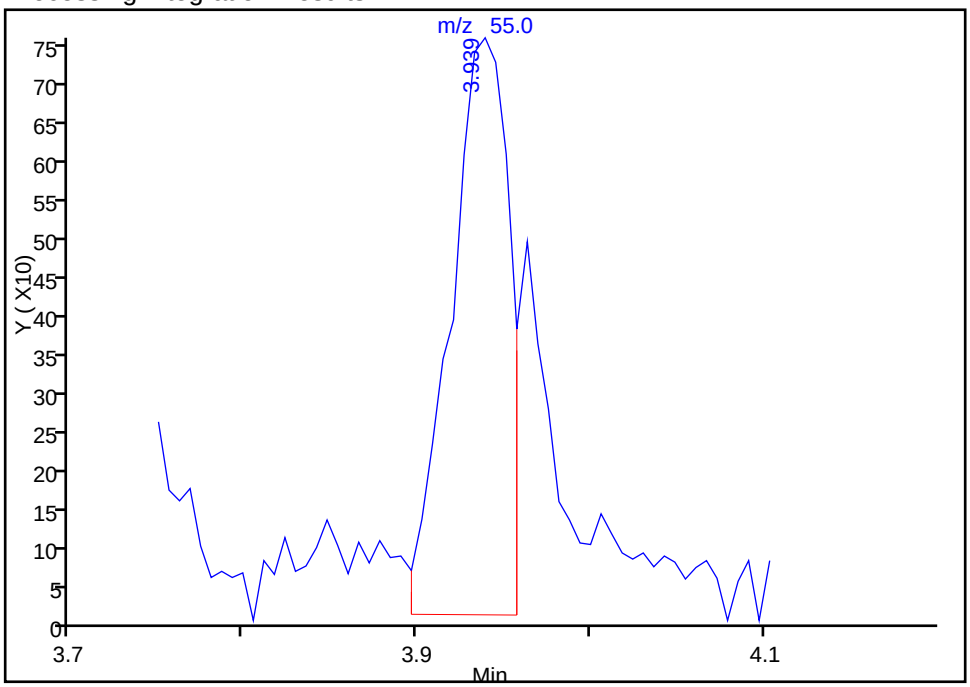
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

66 Ethyl acrylate, CAS: 140-88-5

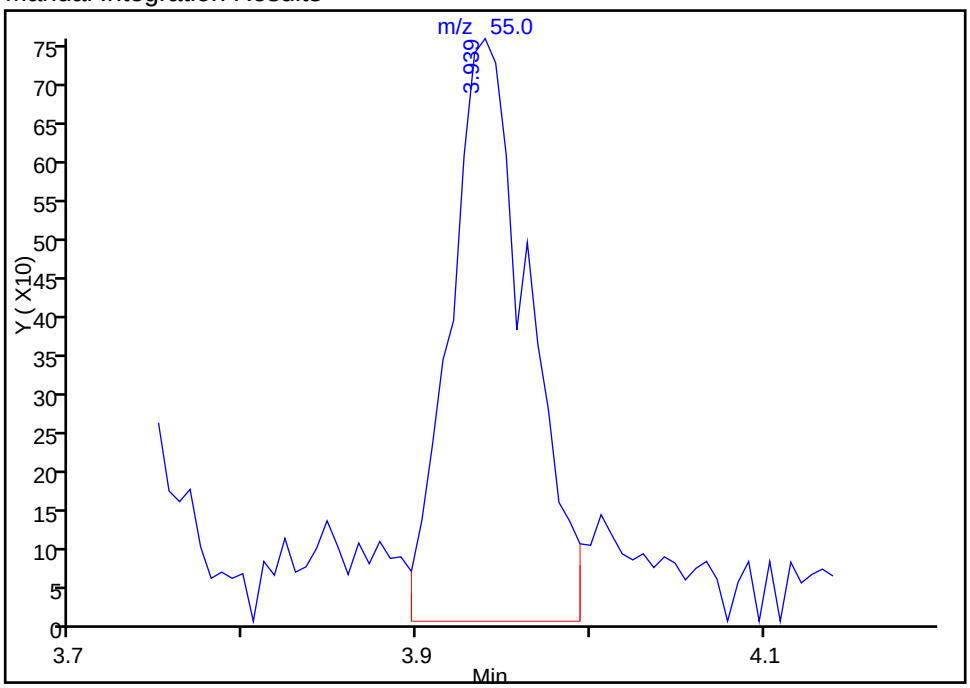
Processing Integration Results

RT: 3.94
Area: 1790
Amount: 2.032902
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 2374
Amount: 0.875331
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

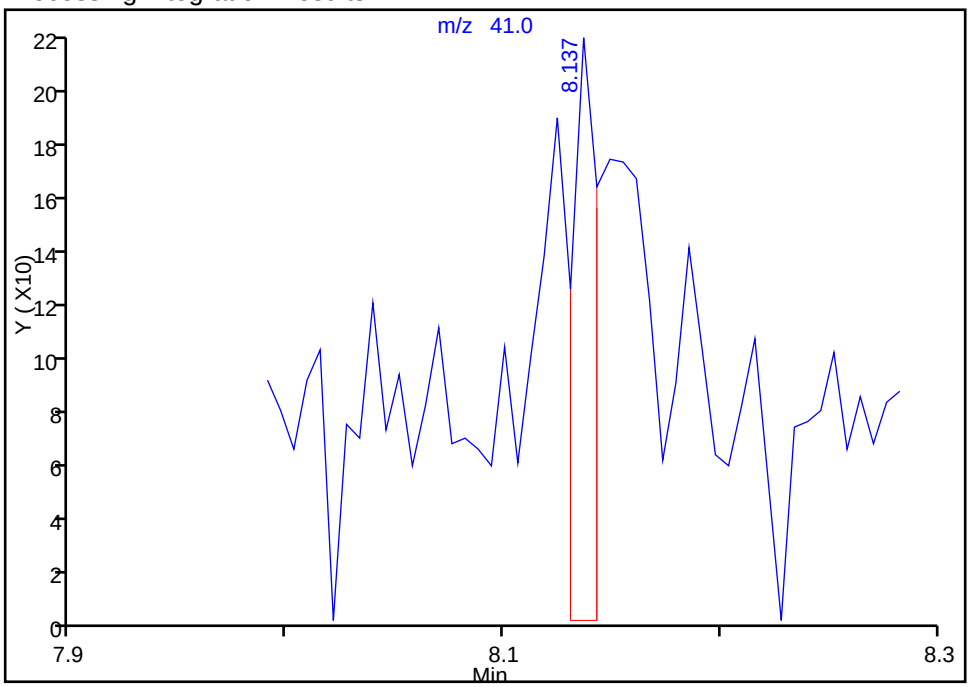
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

102 Camphene, CAS: 79-92-5

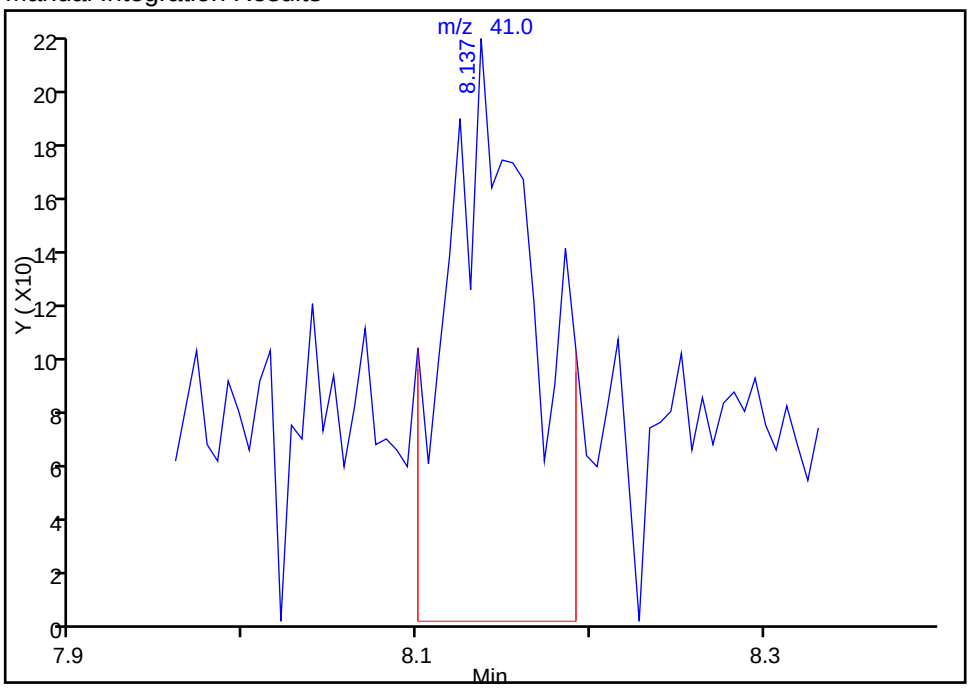
Processing Integration Results

RT: 8.14
Area: 178
Amount: 0.980368
Amount Units: ug/l



Manual Integration Results

RT: 8.14
Area: 745
Amount: 1.287947
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

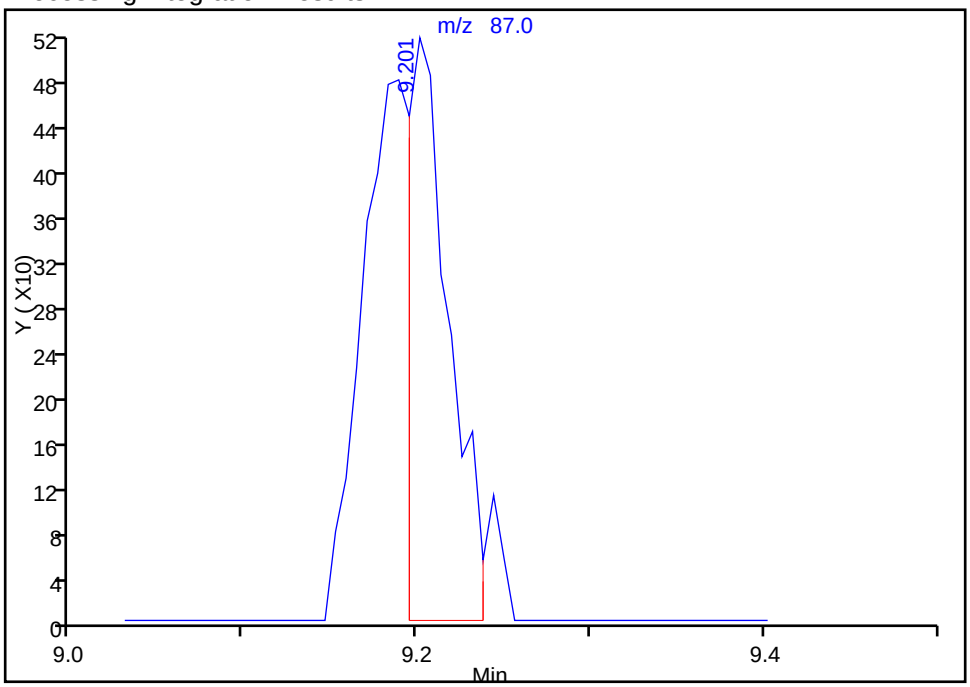
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

112 Butyl Methacrylate, CAS: 97-88-1

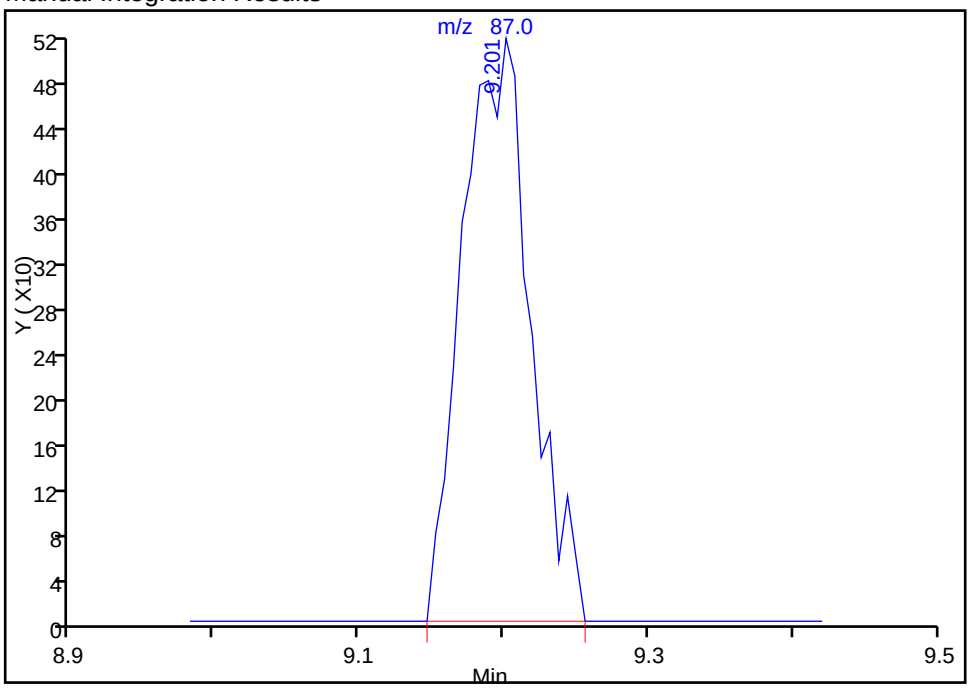
Processing Integration Results

RT: 9.20
Area: 858
Amount: 0.992046
Amount Units: ug/l



Manual Integration Results

RT: 9.20
Area: 1690
Amount: 0.848026
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

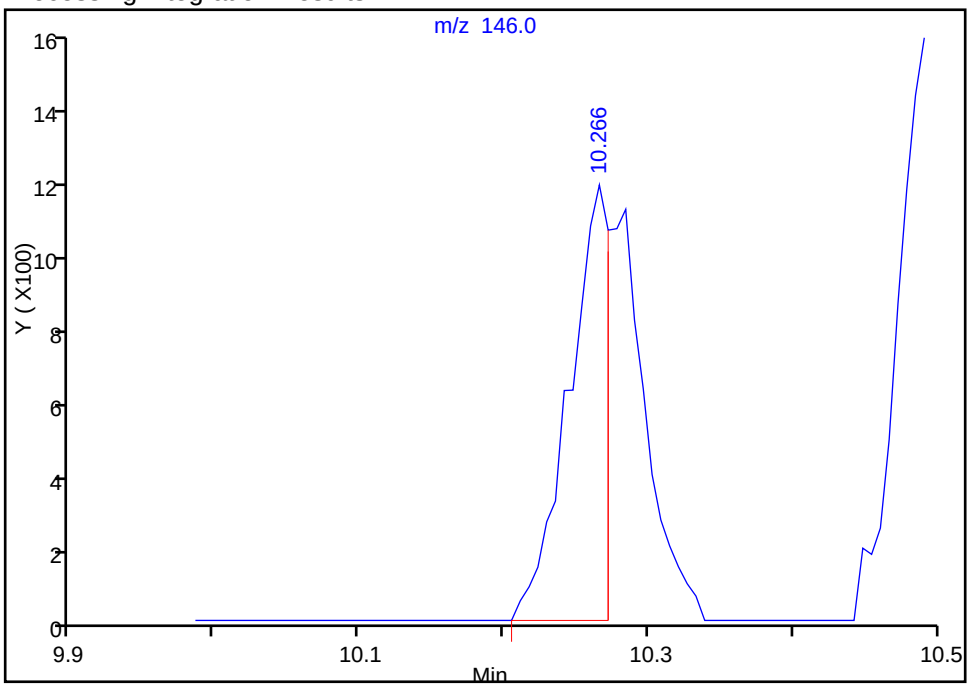
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27872.D
Injection Date: 24-May-2015 11:34:30 Instrument ID: CVOAMS6
Lims ID: STD001
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

116 1,3-Dichlorobenzene, CAS: 541-73-1

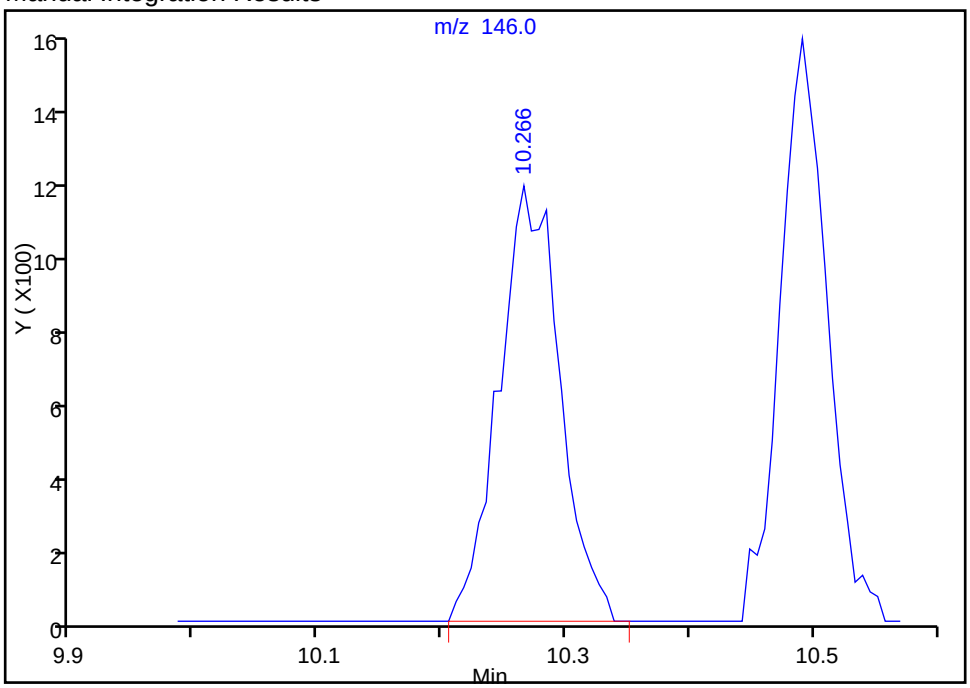
Processing Integration Results

RT: 10.27
Area: 2191
Amount: 1.010582
Amount Units: ug/l



Manual Integration Results

RT: 10.27
Area: 3863
Amount: 0.792620
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:32:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27873.D
Lims ID: STD005
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-May-2015 11:58:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD005
Misc. Info.: 460-0027769-006
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:16:31 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 07:07:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.958	0.952	0.006	40	995	5.00	3.49	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	13198	5.00	5.17	
3 Chloromethane	50	1.068	1.068	0.000	98	8430	5.00	5.31	
4 Butadiene	54	1.122	1.122	0.000	97	8652	5.00	5.33	
5 Vinyl chloride	62	1.128	1.134	-0.006	97	9736	5.00	5.35	
6 Bromomethane	94	1.287	1.293	-0.006	98	4310	5.00	4.87	
7 Chloroethane	64	1.323	1.323	0.000	99	3847	5.00	5.36	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	16027	5.00	5.88	
9 Pentane	72	1.451	1.451	0.000	90	1557	10.0	9.76	
10 Trichlorofluoromethane	101	1.451	1.457	-0.006	64	12843	5.00	5.36	
11 Ethanol	45	1.572	1.572	0.000	80	6322	200.0	223.0	
12 Ethyl ether	59	1.572	1.572	0.000	87	4225	5.00	5.75	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	97	5822	5.00	5.02	
14 1,2-Dichloro-1,1,2-trifluo	117	1.603	1.597	0.006	92	8715	5.00	5.17	
15 Acrolein	56	1.682	1.682	0.000	31	523	20.0	21.9	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	93	6680	5.00	3.00	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	98	9190	5.00	4.72	
18 Acetone	43	1.761	1.761	0.000	85	12834	25.0	22.4	
19 Iodomethane	142	1.798	1.791	0.007	98	24209	5.00	5.01	
21 Carbon disulfide	76	1.816	1.816	0.000	99	28115	5.00	4.56	
20 Isopropyl alcohol	45	1.822	1.822	0.000	30	4494	50.0	51.7	
22 3-Chloro-1-propene	41	1.901	1.901	0.000	85	10923	5.00	4.88	
23 Methyl acetate	43	1.913	1.907	0.006	97	26691	25.0	30.1	
24 Cyclopentene	67	1.913	1.913	0.000	87	20459	5.00	4.93	
25 Acetonitrile	41	1.950	1.950	0.000	96	11971	50.0	58.3	
27 Methylene Chloride	84	1.980	1.980	0.000	87	10010	5.00	5.11	
* 26 TBA-d9 (IS)	46	1.992	1.986	0.006	94	51080	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.035	0.006	92	10015	50.0	55.0	
29 Methyl tert-butyl ether	73	2.096	2.090	0.006	95	26799	5.00	5.16	
30 trans-1,2-Dichloroethene	96	2.108	2.108	0.000	90	8595	5.00	4.90	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.157	2.156	0.000	92	24919	50.0	57.0	
32 Hexane	43	2.211	2.211	0.000	92	2252	5.00	2.59	
33 Isopropyl ether	45	2.357	2.357	0.000	96	20097	5.00	5.40	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	12910	5.00	5.05	
35 Vinyl acetate	86	2.388	2.388	0.000	57	394	10.0	11.3	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	6350	5.00	5.08	
36 Allyl alcohol	57	2.418	2.412	0.006	61	2651	125.0	135.0	M
38 Tert-butyl ethyl ether	59	2.582	2.576	0.006	91	22746	5.00	5.16	
39 2,2-Dichloropropane	77	2.728	2.728	0.000	94	9244	5.00	3.32	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	98	9044	5.00	5.00	
41 2-Butanone (MEK)	72	2.771	2.765	0.006	97	2692	25.0	23.7	
42 Ethyl acetate	70	2.765	2.771	-0.006	94	891	10.0	11.0	
48 Methyl acrylate	55	2.807	2.807	0.000	97	3851	5.00	6.15	
43 Propionitrile	54	2.862	2.862	0.000	96	8880	50.0	54.8	
44 Chlorobromomethane	128	2.911	2.911	0.000	71	5386	5.00	5.18	
45 Tetrahydrofuran	42	2.929	2.929	0.000	29	4357	10.0	11.2	
46 Methacrylonitrile	67	2.935	2.935	0.000	92	21666	50.0	55.8	
47 Chloroform	83	2.953	2.953	0.000	99	13680	5.00	5.09	
49 Cyclohexane	56	3.045	3.045	0.000	90	8201	5.00	2.68	
50 1,1,1-Trichloroethane	97	3.063	3.057	0.006	96	14206	5.00	4.52	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	93193	50.0	60.5	
52 Carbon tetrachloride	117	3.148	3.148	0.000	96	11268	5.00	3.89	
53 1,1-Dichloropropene	75	3.172	3.172	0.000	96	7145	5.00	4.48	
54 Isobutyl alcohol	43	3.294	3.300	-0.006	17	8668	125.0	112.7	
55 Benzene	78	3.325	3.325	0.000	95	23501	5.00	5.13	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	97	88690	50.0	58.4	
57 Isopropyl acetate	43	3.385	3.379	0.006	74	17817	5.00	5.17	
58 Tert-amyl methyl ether	73	3.385	3.379	0.006	87	26955	5.00	5.08	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	98	9471	5.00	5.12	
60 n-Heptane	57	3.452	3.452	0.000	89	1268	5.00	2.21	
* 61 Fluorobenzene	96	3.556	3.550	0.006	99	314585	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	90	26489	10.0	5.67	
64 Trichloroethene	95	3.836	3.836	0.000	94	6348	5.00	4.44	
63 n-Butanol	56	3.854	3.842	0.012	83	3198	125.0	110.0	
65 Methylcyclohexane	83	3.933	3.933	0.000	93	7801	5.00	2.27	
66 Ethyl acrylate	55	3.951	3.933	0.018	98	9788	5.00	3.58	
67 1,2-Dichloropropane	63	4.073	4.073	0.000	86	4772	5.00	4.68	
* 68 1,4-Dioxane-d8	96	4.146	4.146	0.000	72	15588	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	87	2380	10.0	9.74	
70 Dibromomethane	93	4.176	4.176	0.000	91	4942	5.00	5.09	
71 1,4-Dioxane	88	4.188	4.182	0.006	30	1544	100.0	106.7	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	4249	5.00	4.69	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	8205	5.00	4.44	
74 2-Nitropropane	41	4.596	4.596	0.000	84	2501	10.0	9.07	
75 2-Chloroethyl vinyl ether	63	4.614	4.608	0.006	85	2107	5.00	4.90	
76 Epichlorohydrin	57	4.699	4.699	0.000	99	7967	100.0	107.3	
77 cis-1,3-Dichloropropene	75	4.742	4.736	0.006	92	7486	5.00	4.81	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	96	23326	25.0	27.1	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	99	237447	50.0	59.6	
80 Toluene	91	5.016	5.010	0.006	94	20577	5.00	4.53	
81 trans-1,3-Dichloropropene	75	5.338	5.338	0.000	95	6808	5.00	4.88	
82 Ethyl methacrylate	69	5.387	5.381	0.006	88	4695	5.00	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	3811	5.00	4.88	
84 Tetrachloroethene	166	5.551	5.551	0.000	95	6742	5.00	4.11	
85 1,3-Dichloropropane	76	5.709	5.703	0.006	93	6683	5.00	4.90	
86 2-Hexanone	43	5.794	5.794	0.000	94	12486	25.0	25.7	
87 Chlorodibromomethane	129	5.910	5.910	0.000	96	6377	5.00	4.27	
88 n-Butyl acetate	43	5.916	5.910	0.006	81	5231	5.00	5.35	
89 Ethylene Dibromide	107	6.038	6.038	0.000	99	6055	5.00	5.13	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	249604	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	97	17677	5.00	4.62	
92 Ethylbenzene	106	6.689	6.689	0.000	98	8112	5.00	4.31	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	93	8967	5.00	4.61	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	10403	5.00	4.27	
95 o-Xylene	106	7.328	7.328	0.000	95	12513	5.00	4.42	
96 Styrene	104	7.376	7.370	0.006	95	19448	5.00	4.69	
97 n-Butyl acrylate	73	7.376	7.376	0.000	65	4419	5.00	5.78	
98 Bromoform	173	7.632	7.632	0.000	97	5010	5.00	4.42	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	90	10273	5.00	5.33	
100 Isopropylbenzene	105	7.839	7.839	0.000	95	32235	5.00	4.26	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	96	131438	50.0	62.9	
102 Camphene	41	8.137	8.137	0.000	48	2711	5.00	4.66	
103 Bromobenzene	156	8.319	8.319	0.000	81	11496	5.00	4.31	
104 1,1,2,2-Tetrachloroethane	83	8.490	8.483	0.007	97	8940	5.00	5.11	
105 N-Propylbenzene	91	8.508	8.508	0.000	100	33074	5.00	3.95	
106 1,2,3-Trichloropropane	110	8.538	8.538	0.000	93	2774	5.00	5.01	
107 trans-1,4-Dichloro-2-buten	53	8.611	8.617	-0.006	80	1196	5.00	4.36	
108 2-Chlorotoluene	91	8.666	8.660	0.006	94	23798	5.00	4.14	
109 4-Ethyltoluene	105	8.727	8.727	0.000	98	38213	5.00	4.69	
110 1,3,5-Trimethylbenzene	105	8.873	8.873	0.000	94	30708	5.00	3.07	
111 4-Chlorotoluene	91	8.891	8.891	0.000	97	25945	5.00	4.28	
112 Butyl Methacrylate	87	9.189	9.189	0.000	90	10072	5.00	4.96	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	24662	5.00	2.66	
114 1,2,4-Trimethylbenzene	105	9.633	9.633	0.000	96	32170	5.00	4.00	
115 sec-Butylbenzene	105	9.992	9.998	-0.006	98	34463	5.00	2.74	
116 1,3-Dichlorobenzene	146	10.272	10.266	0.006	99	21544	5.00	4.33	
117 4-Isopropyltoluene	119	10.400	10.394	0.006	97	34522	5.00	2.91	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	92	214411	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	96	22778	5.00	4.53	
120 Benzyl chloride	91	10.783	10.783	0.000	100	9959	5.00	4.25	
121 2,3-Dihydroindene	117	10.862	10.856	0.006	94	42938	5.00	5.04	
122 p-Diethylbenzene	119	11.032	11.032	0.000	96	26292	5.00	4.99	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	98	24381	5.00	4.78	
124 n-Butylbenzene	91	11.063	11.057	0.006	97	34399	5.00	4.29	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	46387	5.00	5.05	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	90	1427	5.00	4.15	
127 1,3,5-Trichlorobenzene	180	12.054	12.054	0.000	97	21671	5.00	4.97	
128 Camphor	95	12.480	12.474	0.006	88	5885	25.0	24.3	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	12654	5.00	2.98	
130 Hexachlorobutadiene	225	12.632	12.632	0.000	92	6186	5.00	3.23	
131 Naphthalene	128	12.705	12.705	0.000	99	19212	5.00	3.96	
132 1,2,3-Trichlorobenzene	180	12.870	12.870	0.000	96	8486	5.00	3.96	
S 133 1,2-Dichloroethene, Total	100				0		10.0	9.90	
S 134 Xylenes, Total	100				0		10.0	8.69	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GAS Hi_00098	Amount Added:	1.00	Units: uL	
MIX I Hi_00040	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	1.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

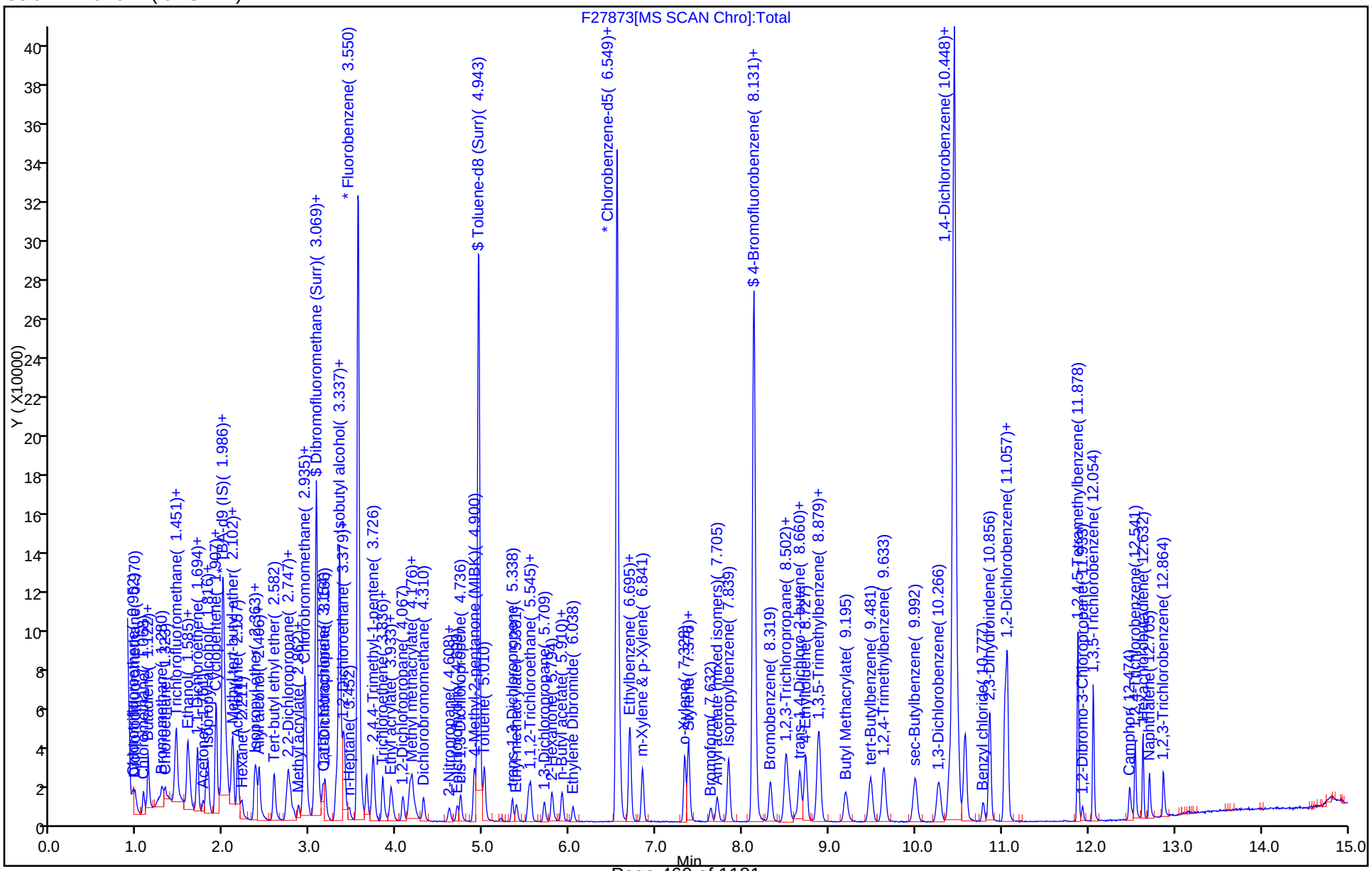
Report Date: 27-May-2015 11:16:33 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27873.D

Injection Date:	24-May-2015 11:58:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD005			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

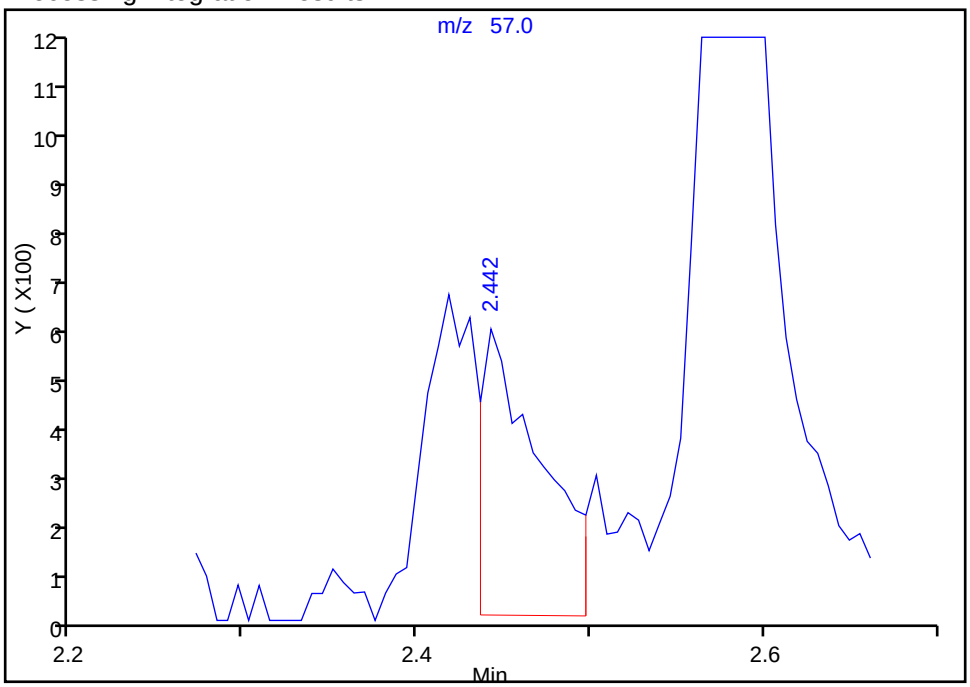
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27873.D
Injection Date: 24-May-2015 11:58:30 Instrument ID: CVOAMS6
Lims ID: STD005
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

36 Allyl alcohol, CAS: 107-18-6

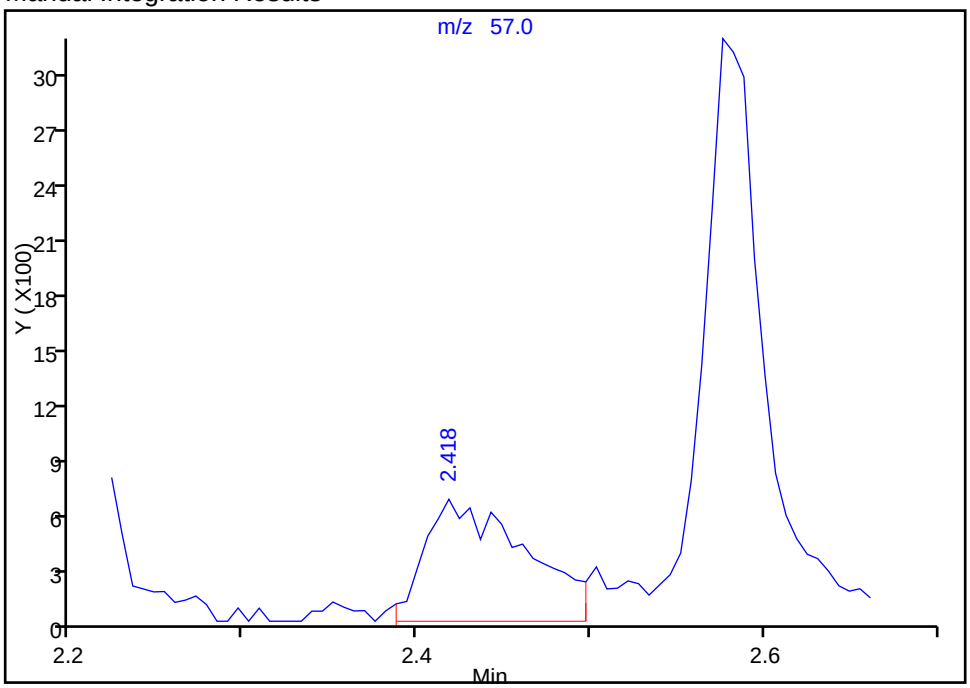
Processing Integration Results

RT: 2.44
Area: 1408
Amount: 87.531536
Amount Units: ug/l



Manual Integration Results

RT: 2.42
Area: 2651
Amount: 134.9868
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:33:50
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27874.D
Lims ID: STD020
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 24-May-2015 12:22:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD020
Misc. Info.: 460-0027769-007
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:27:32 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 27-May-2015 11:27:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	52	6115	20.0	22.7	M
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	55262	20.0	22.9	
3 Chloromethane	50	1.068	1.068	0.000	99	32152	20.0	21.4	
4 Butadiene	54	1.122	1.122	0.000	98	34501	20.0	22.5	
5 Vinyl chloride	62	1.134	1.134	0.000	98	38971	20.0	22.7	
6 Bromomethane	94	1.293	1.293	0.000	97	17613	20.0	20.2	
7 Chloroethane	64	1.323	1.323	0.000	99	14651	20.0	20.7	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	58032	20.0	22.6	
9 Pentane	72	1.451	1.451	0.000	92	6925	40.0	46.0	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	58	51631	20.0	22.8	
11 Ethanol	45	1.572	1.572	0.000	95	25355	800.0	907.5	
12 Ethyl ether	59	1.572	1.572	0.000	91	17014	20.0	24.5	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	97	24909	20.0	22.8	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	94	39471	20.0	24.8	
15 Acrolein	56	1.682	1.682	0.000	28	931	40.0	39.6	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	92	49186	20.0	21.2	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	44830	20.0	24.4	
18 Acetone	43	1.761	1.761	0.000	85	57227	100.0	110.8	
19 Iodomethane	142	1.791	1.791	0.000	99	110109	20.0	24.1	
21 Carbon disulfide	76	1.816	1.816	0.000	99	141907	20.0	24.4	
20 Isopropyl alcohol	45	1.822	1.822	0.000	29	16178	200.0	188.7	
22 3-Chloro-1-propene	41	1.901	1.901	0.000	89	51328	20.0	24.3	
23 Methyl acetate	43	1.907	1.907	0.000	98	100536	100.0	119.9	
24 Cyclopentene	67	1.913	1.913	0.000	90	91214	20.0	23.3	
25 Acetonitrile	41	1.950	1.950	0.000	96	44790	200.0	231.1	
27 Methylene Chloride	84	1.980	1.980	0.000	89	43136	20.0	23.3	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	95	50346	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	91	33044	200.0	184.2	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	115763	20.0	23.6	
30 trans-1,2-Dichloroethene	96	2.108	2.108	0.000	91	39304	20.0	23.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.156	2.156	0.000	91	98771	200.0	239.1	
32 Hexane	43	2.211	2.211	0.000	90	18223	20.0	22.3	
33 Isopropyl ether	45	2.357	2.357	0.000	96	82311	20.0	23.4	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	57292	20.0	23.7	
35 Vinyl acetate	86	2.388	2.388	0.000	61	1630	40.0	47.4	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	91	26360	20.0	22.3	
36 Allyl alcohol	57	2.412	2.412	0.000	39	9498	500.0	452.9	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	90	96401	20.0	23.2	
39 2,2-Dichloropropane	77	2.728	2.728	0.000	94	58377	20.0	21.4	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	97	39241	20.0	23.0	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	11746	100.0	104.8	
42 Ethyl acetate	70	2.771	2.771	0.000	93	3389	40.0	44.4	
48 Methyl acrylate	55	2.807	2.807	0.000	97	13377	20.0	22.4	
43 Propionitrile	54	2.862	2.862	0.000	95	33908	200.0	212.3	
44 Chlorobromomethane	128	2.911	2.911	0.000	71	22725	20.0	23.1	
45 Tetrahydrofuran	42	2.929	2.929	0.000	30	15271	40.0	41.5	
46 Methacrylonitrile	67	2.935	2.935	0.000	91	77550	200.0	211.5	
47 Chloroform	83	2.953	2.953	0.000	99	59004	20.0	23.3	
49 Cyclohexane	56	3.045	3.045	0.000	90	59004	20.0	20.6	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	97	71440	20.0	24.1	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	86295	50.0	59.3	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	66060	20.0	24.1	
53 1,1-Dichloropropene	75	3.172	3.172	0.000	94	36325	20.0	24.1	
54 Isobutyl alcohol	43	3.300	3.300	0.000	16	40412	500.0	533.0	
55 Benzene	78	3.325	3.325	0.000	96	108133	20.0	24.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	97	82965	50.0	57.9	
57 Isopropyl acetate	43	3.379	3.379	0.000	86	70359	20.0	21.6	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	88	112886	20.0	22.5	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	98	39392	20.0	22.5	
60 n-Heptane	57	3.452	3.452	0.000	92	13866	20.0	22.0	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	297036	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	93	143606	40.0	32.8	
64 Trichloroethene	95	3.836	3.836	0.000	93	30774	20.0	22.8	
63 n-Butanol	56	3.842	3.842	0.000	32	12026	500.0	419.6	
65 Methylcyclohexane	83	3.933	3.933	0.000	94	63851	20.0	19.8	
66 Ethyl acrylate	55	3.933	3.933	0.000	98	60030	20.0	23.3	
67 1,2-Dichloropropane	63	4.073	4.073	0.000	86	21254	20.0	22.1	
* 68 1,4-Dioxane-d8	96	4.146	4.146	0.000	39	14326	1000.0	1000.0	
69 Methyl methacrylate	100	4.152	4.152	0.000	84	9049	40.0	39.2	
70 Dibromomethane	93	4.176	4.176	0.000	88	20053	20.0	21.9	
71 1,4-Dioxane	88	4.182	4.182	0.000	34	6281	400.0	472.2	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	14375	20.0	16.8	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	37259	20.0	21.3	
74 2-Nitropropane	41	4.596	4.596	0.000	94	9435	40.0	36.2	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	85	7267	20.0	17.9	
76 Epichlorohydrin	57	4.699	4.699	0.000	99	34025	400.0	479.6	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	93	34826	20.0	23.4	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	95	93737	100.0	113.9	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	99	226451	50.0	59.5	
80 Toluene	91	5.010	5.010	0.000	93	100606	20.0	23.2	
81 trans-1,3-Dichloropropene	75	5.338	5.338	0.000	98	30070	20.0	22.6	
82 Ethyl methacrylate	69	5.381	5.381	0.000	91	19864	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	16611	20.0	22.3	
84 Tetrachloroethene	166	5.551	5.551	0.000	96	37386	20.0	23.9	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	93	28552	20.0	21.9	
86 2-Hexanone	43	5.794	5.794	0.000	94	49602	100.0	106.9	
87 Chlorodibromomethane	129	5.910	5.910	0.000	98	31452	20.0	22.0	
88 n-Butyl acetate	43	5.910	5.910	0.000	67	17761	20.0	19.0	
89 Ethylene Dibromide	107	6.038	6.038	0.000	100	24601	20.0	21.8	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	238403	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	83259	20.0	22.8	
92 Ethylbenzene	106	6.689	6.689	0.000	98	41885	20.0	23.3	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	93	45326	20.0	24.4	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	53973	20.0	23.2	
95 o-Xylene	106	7.328	7.328	0.000	95	65500	20.0	24.2	
96 Styrene	104	7.370	7.370	0.000	97	92048	20.0	23.2	
97 n-Butyl acrylate	73	7.376	7.376	0.000	98	15591	20.0	21.4	
98 Bromoform	173	7.632	7.632	0.000	98	23217	20.0	21.4	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	33481	20.0	18.7	
100 Isopropylbenzene	105	7.839	7.839	0.000	95	183003	20.0	25.3	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	95	119923	50.0	60.1	
102 Camphene	41	8.137	8.137	0.000	92	10972	20.0	19.7	
103 Bromobenzene	156	8.319	8.319	0.000	80	53132	20.0	21.5	
104 1,1,2,2-Tetrachloroethane	83	8.483	8.483	0.000	96	36494	20.0	22.5	
105 N-Propylbenzene	91	8.508	8.508	0.000	100	177173	20.0	22.8	
106 1,2,3-Trichloropropane	110	8.538	8.538	0.000	94	11656	20.0	22.7	
107 trans-1,4-Dichloro-2-buten	53	8.617	8.617	0.000	67	5936	20.0	20.2	
108 2-Chlorotoluene	91	8.660	8.660	0.000	95	121500	20.0	22.8	
109 4-Ethyltoluene	105	8.727	8.727	0.000	98	155937	20.0	20.7	
110 1,3,5-Trimethylbenzene	105	8.873	8.873	0.000	93	171315	20.0	18.6	
111 4-Chlorotoluene	91	8.891	8.891	0.000	97	126305	20.0	22.5	
112 Butyl Methacrylate	87	9.189	9.189	0.000	90	38316	20.0	20.3	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	150423	20.0	17.6	
114 1,2,4-Trimethylbenzene	105	9.633	9.633	0.000	96	171823	20.0	23.0	
115 sec-Butylbenzene	105	9.998	9.998	0.000	99	212027	20.0	18.3	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	99	106236	20.0	23.1	
117 4-Isopropyltoluene	119	10.394	10.394	0.000	98	204333	20.0	18.7	
* 118 1,4-Dichlorobenzene-d4	152	10.442	10.442	0.000	91	198711	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	97	107308	20.0	23.0	
120 Benzyl chloride	91	10.783	10.783	0.000	100	62930	20.0	21.3	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	95	170121	20.0	21.5	
122 p-Diethylbenzene	119	11.032	11.032	0.000	97	108256	20.0	22.2	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	97	113964	20.0	24.1	
124 n-Butylbenzene	91	11.057	11.057	0.000	97	182679	20.0	24.6	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	192576	20.0	22.6	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	89	7076	20.0	22.2	
127 1,3,5-Trichlorobenzene	180	12.054	12.054	0.000	97	92225	20.0	22.8	
128 Camphor	95	12.474	12.474	0.000	88	22185	100.0	98.9	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	94	70143	20.0	18.0	
130 Hexachlorobutadiene	225	12.632	12.632	0.000	93	38850	20.0	21.3	
131 Naphthalene	128	12.705	12.705	0.000	99	96134	20.0	21.4	
132 1,2,3-Trichlorobenzene	180	12.870	12.870	0.000	95	42655	20.0	21.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	46.7	
S 134 Xylenes, Total	100				0		40.0	47.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GAS Hi_00098	Amount Added:	2.00	Units: uL	
MIX I Hi_00040	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	2.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

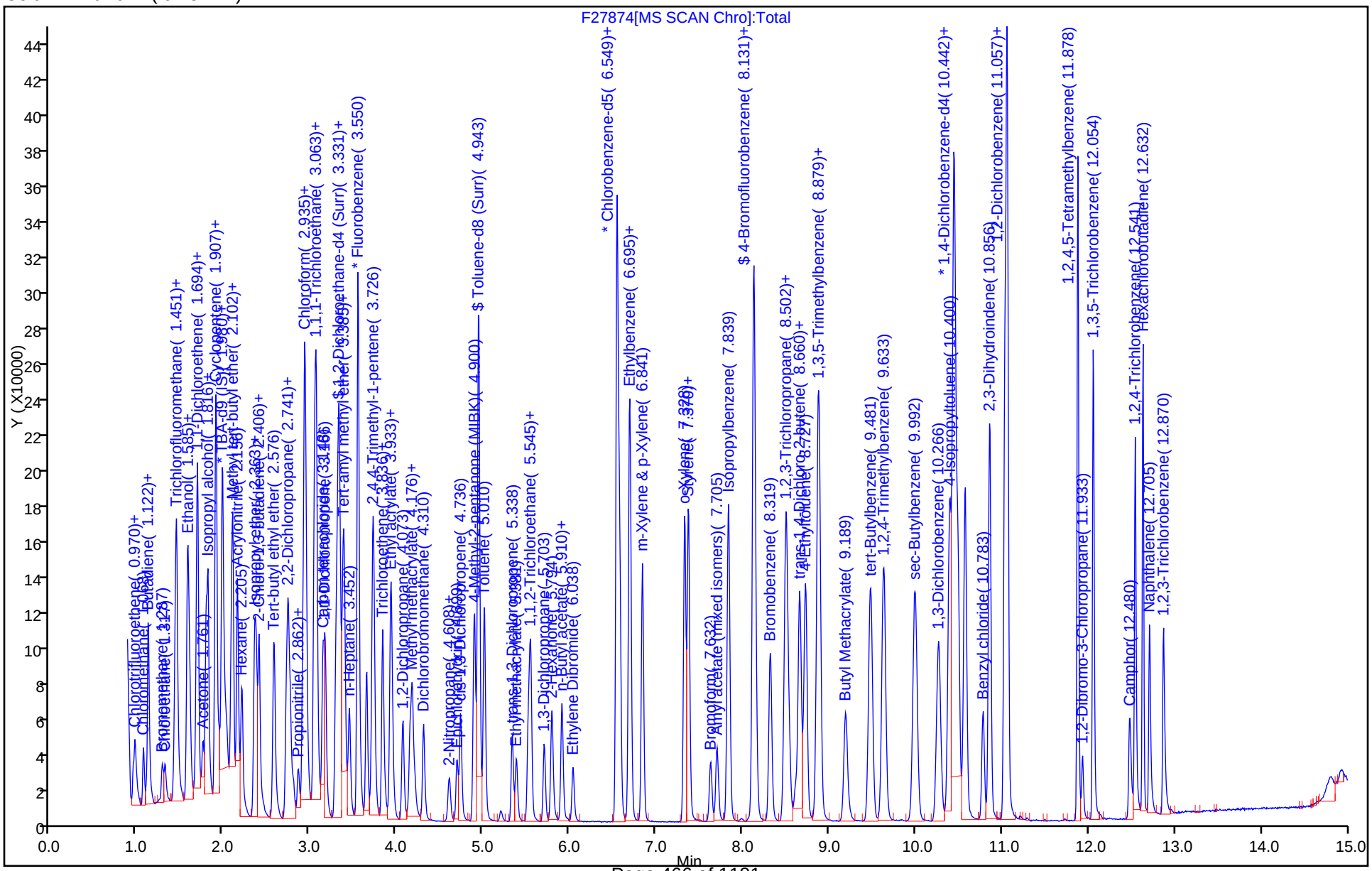
Report Date: 27-May-2015 11:27:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27874.D

Injection Date:	24-May-2015 12:22:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD020			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

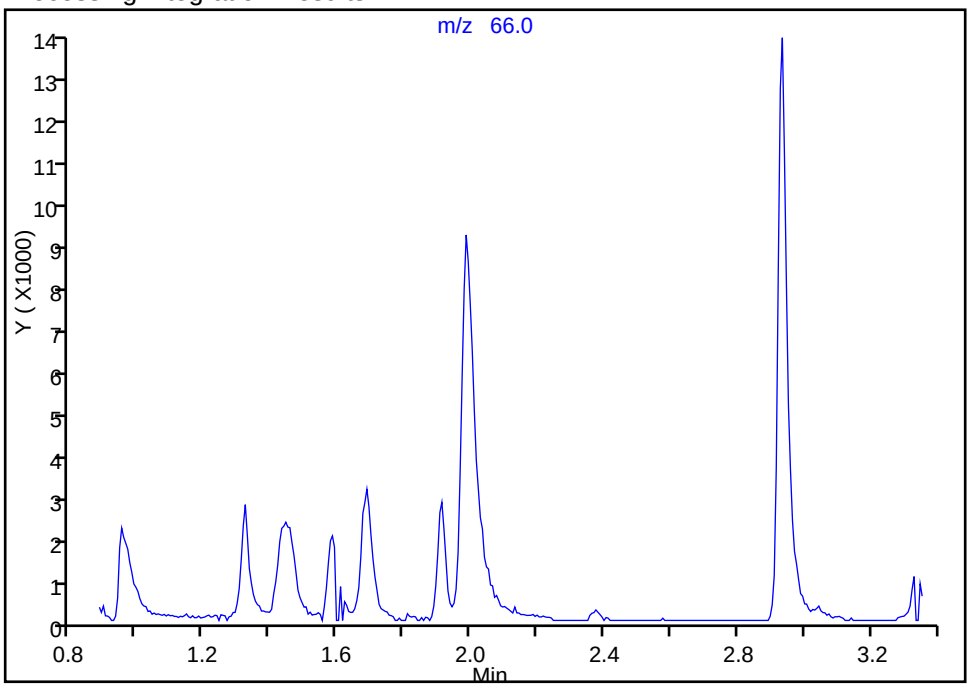
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27874.D
Injection Date: 24-May-2015 12:22:30 Instrument ID: CVOAMS6
Lims ID: STD020
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Chlorotrifluoroethene, CAS: 79-38-9

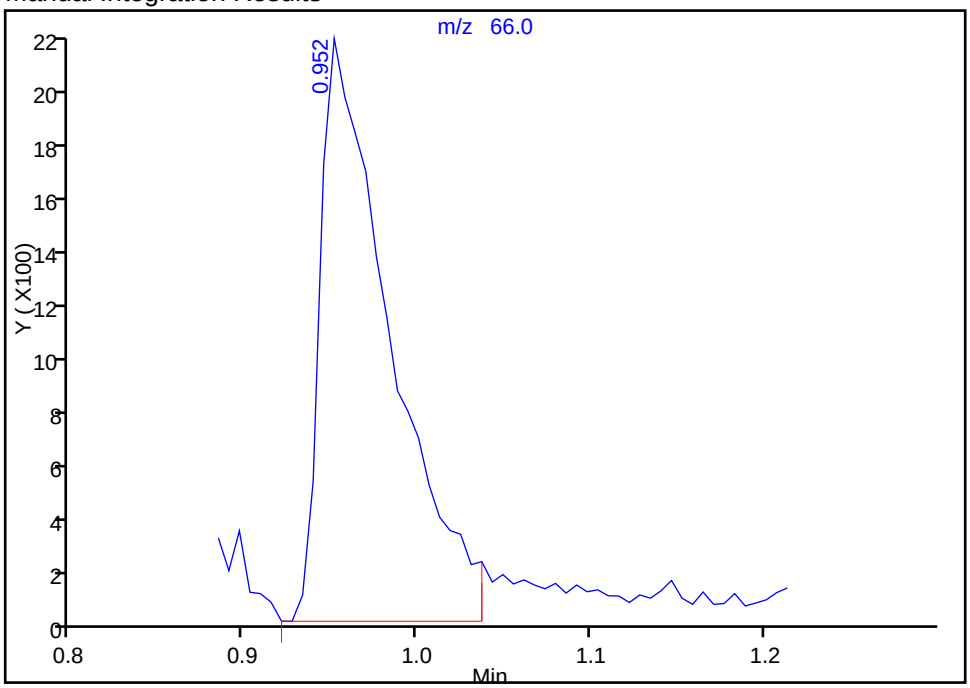
Not Detected
Expected RT: 0.95

Processing Integration Results



Manual Integration Results

RT: 0.95
Area: 6115
Amount: 22.732706
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:56:55
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27875.D
Lims ID: STD050
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-May-2015 12:45:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD050
Misc. Info.: 460-0027769-008
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:16:45 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 06:58:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	62	14930	50.0	55.7	
2 Dichlorodifluoromethane	85	0.976	0.976	0.000	99	134458	50.0	56.0	
3 Chloromethane	50	1.074	1.068	0.006	99	79392	50.0	53.1	
4 Butadiene	54	1.128	1.122	0.006	97	78079	50.0	51.2	
5 Vinyl chloride	62	1.135	1.134	0.001	98	93869	50.0	54.8	
6 Bromomethane	94	1.287	1.293	-0.006	99	35466	50.0	39.2	
7 Chloroethane	64	1.323	1.323	0.000	98	31772	50.0	43.3	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	132583	50.0	51.7	
9 Pentane	72	1.451	1.451	0.000	94	15880	100.0	105.8	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	98	119415	50.0	53.0	
11 Ethanol	45	1.573	1.572	0.001	82	53202	2000.0	1833.7	
12 Ethyl ether	59	1.573	1.572	0.001	88	35390	50.0	51.2	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	94	56692	50.0	52.0	
14 1,2-Dichloro-1,1,2-trifluo	117	1.603	1.597	0.006	89	84430	50.0	53.2	
15 Acrolein	56	1.682	1.682	0.000	31	2222	100.0	90.9	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	94	115879	50.0	51.1	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	101010	50.0	55.1	
18 Acetone	43	1.761	1.761	0.000	86	117574	250.0	221.9	
19 Iodomethane	142	1.792	1.791	0.001	98	258899	50.0	57.0	
21 Carbon disulfide	76	1.816	1.816	0.000	99	338467	50.0	58.3	
20 Isopropyl alcohol	45	1.828	1.822	0.006	97	39124	500.0	439.4	
22 3-Chloro-1-propene	41	1.901	1.901	0.000	85	116716	50.0	55.4	
23 Methyl acetate	43	1.913	1.907	0.006	97	224695	250.0	269.1	
24 Cyclopentene	67	1.913	1.913	0.000	91	210739	50.0	53.9	
25 Acetonitrile	41	1.950	1.950	0.000	91	102565	500.0	531.2	
27 Methylene Chloride	84	1.980	1.980	0.000	88	98550	50.0	53.5	
* 26 TBA-d9 (IS)	46	1.992	1.986	0.006	94	52279	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.035	0.006	93	88704	500.0	476.2	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	275272	50.0	56.3	
30 trans-1,2-Dichloroethene	96	2.108	2.108	0.000	91	89278	50.0	54.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.157	2.156	0.001	92	226765	500.0	551.0	
32 Hexane	43	2.211	2.211	0.000	90	40938	50.0	51.0	
33 Isopropyl ether	45	2.357	2.357	0.000	95	191129	50.0	54.6	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	129267	50.0	53.8	
35 Vinyl acetate	86	2.394	2.388	0.006	82	3201	100.0	89.6	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	91	63118	50.0	53.7	
36 Allyl alcohol	57	2.418	2.412	0.006	65	27416	1250.0	1233.4	
38 Tert-butyl ethyl ether	59	2.582	2.576	0.006	90	228341	50.0	55.0	
39 2,2-Dichloropropane	77	2.728	2.728	0.000	94	136841	50.0	51.0	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	97	89769	50.0	52.7	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	27340	250.0	235.0	
42 Ethyl acetate	70	2.771	2.771	0.000	95	7669	100.0	100.7	
48 Methyl acrylate	55	2.808	2.807	0.001	98	31374	50.0	49.8	
43 Propionitrile	54	2.862	2.862	0.000	96	80123	500.0	483.0	
44 Chlorobromomethane	128	2.911	2.911	0.000	72	52198	50.0	53.4	
45 Tetrahydrofuran	42	2.923	2.929	-0.006	87	35790	100.0	97.7	
46 Methacrylonitrile	67	2.935	2.935	0.000	91	186615	500.0	510.7	
47 Chloroform	83	2.954	2.953	0.001	99	134489	50.0	53.2	
49 Cyclohexane	56	3.045	3.045	0.000	89	139815	50.0	49.9	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	96	168160	50.0	56.8	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	68274	50.0	47.1	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	158311	50.0	58.1	
53 1,1-Dichloropropene	75	3.173	3.172	0.001	95	82790	50.0	55.2	
54 Isobutyl alcohol	43	3.300	3.300	0.000	23	100731	1250.0	1279.5	
55 Benzene	78	3.325	3.325	0.000	96	250573	50.0	54.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	95	69366	50.0	48.6	
57 Isopropyl acetate	43	3.385	3.379	0.006	88	166715	50.0	51.4	
58 Tert-amyl methyl ether	73	3.385	3.379	0.006	88	268781	50.0	53.9	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	99	90473	50.0	52.0	
60 n-Heptane	57	3.452	3.452	0.000	93	32330	50.0	51.7	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	295955	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	91	367762	100.0	85.4	
64 Trichloroethene	95	3.836	3.836	0.000	93	70650	50.0	52.5	
63 n-Butanol	56	3.848	3.842	0.006	91	30285	1250.0	1017.6	
65 Methylcyclohexane	83	3.933	3.933	0.000	94	152236	50.0	48.2	
66 Ethyl acrylate	55	3.933	3.933	0.000	98	144675	50.0	56.3	
67 1,2-Dichloropropane	63	4.073	4.073	0.000	86	51053	50.0	53.2	
* 68 1,4-Dioxane-d8	96	4.146	4.146	0.000	37	16070	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	83	22357	100.0	97.3	
70 Dibromomethane	93	4.176	4.176	0.000	89	47063	50.0	51.5	
71 1,4-Dioxane	88	4.195	4.182	0.013	39	15502	1000.0	1038.9	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	42395	50.0	49.7	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	91060	50.0	52.3	
74 2-Nitropropane	41	4.596	4.596	0.000	98	24603	100.0	94.8	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	81	18089	50.0	44.7	
76 Epichlorohydrin	57	4.700	4.699	0.001	99	86517	1000.0	1157.2	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	91	85121	50.0	54.3	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	95	234086	250.0	270.0	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	99	190929	50.0	47.6	
80 Toluene	91	5.010	5.010	0.000	93	246060	50.0	53.8	
81 trans-1,3-Dichloropropene	75	5.338	5.338	0.000	96	74045	50.0	52.8	
82 Ethyl methacrylate	69	5.387	5.381	0.006	90	48637	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	41065	50.0	52.2	
84 Tetrachloroethene	166	5.545	5.551	-0.006	96	92176	50.0	55.8	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	93	70474	50.0	51.3	
86 2-Hexanone	43	5.795	5.794	0.001	95	116234	250.0	237.6	
87 Chlorodibromomethane	129	5.910	5.910	0.000	97	82226	50.0	54.7	
88 n-Butyl acetate	43	5.910	5.910	0.000	98	43613	50.0	44.3	
89 Ethylene Dibromide	107	6.038	6.038	0.000	98	60766	50.0	51.1	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	82	251259	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	205588	50.0	53.3	
92 Ethylbenzene	106	6.689	6.689	0.000	98	102850	50.0	54.2	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	93	115510	50.0	59.0	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	134188	50.0	54.8	
95 o-Xylene	106	7.328	7.328	0.000	95	163094	50.0	57.2	
96 Styrene	104	7.370	7.370	0.000	96	223134	50.0	53.5	
97 n-Butyl acrylate	73	7.376	7.376	0.000	97	36557	50.0	47.5	
98 Bromoform	173	7.632	7.632	0.000	98	61108	50.0	53.5	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	77465	50.0	43.1	
100 Isopropylbenzene	105	7.839	7.839	0.000	95	447472	50.0	58.8	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	96	95404	50.0	45.4	
102 Camphene	41	8.143	8.137	0.006	93	27335	50.0	46.7	
103 Bromobenzene	156	8.319	8.319	0.000	80	127926	50.0	51.5	
104 1,1,2,2-Tetrachloroethane	83	8.484	8.483	0.001	96	86722	50.0	53.2	
105 N-Propylbenzene	91	8.508	8.508	0.000	99	425417	50.0	54.5	
106 1,2,3-Trichloropropane	110	8.538	8.538	0.000	94	26544	50.0	51.4	
107 trans-1,4-Dichloro-2-buten	53	8.611	8.617	-0.006	67	14969	50.0	49.4	
108 2-Chlorotoluene	91	8.660	8.660	0.000	95	292924	50.0	54.6	
109 4-Ethyltoluene	105	8.727	8.727	0.000	98	381343	50.0	50.2	
110 1,3,5-Trimethylbenzene	105	8.873	8.873	0.000	94	418401	50.0	45.8	
111 4-Chlorotoluene	91	8.891	8.891	0.000	97	299716	50.0	53.0	
112 Butyl Methacrylate	87	9.189	9.189	0.000	91	92648	50.0	48.9	
113 tert-Butylbenzene	119	9.481	9.481	0.000	96	376474	50.0	44.2	
114 1,2,4-Trimethylbenzene	105	9.633	9.633	0.000	96	419721	50.0	55.9	
115 sec-Butylbenzene	105	9.992	9.998	-0.006	98	522902	50.0	45.5	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	99	249675	50.0	53.9	
117 4-Isopropyltoluene	119	10.400	10.394	0.006	98	497059	50.0	45.8	
* 118 1,4-Dichlorobenzene-d4	152	10.449	10.442	0.007	89	199921	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	97	252146	50.0	53.8	
120 Benzyl chloride	91	10.777	10.783	-0.006	100	148385	50.0	48.4	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	94	416293	50.0	52.4	
122 p-Diethylbenzene	119	11.033	11.032	0.001	95	263028	50.0	53.5	
123 1,2-Dichlorobenzene	146	11.063	11.057	0.006	98	267406	50.0	56.2	
124 n-Butylbenzene	91	11.063	11.057	0.006	97	435019	50.0	58.1	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	466131	50.0	54.4	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	89	17375	50.0	54.1	
127 1,3,5-Trichlorobenzene	180	12.055	12.054	0.001	97	228369	50.0	56.2	
128 Camphor	95	12.480	12.474	0.006	88	58272	250.0	258.1	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	182285	50.0	47.2	
130 Hexachlorobutadiene	225	12.633	12.632	0.001	93	93291	50.0	51.4	
131 Naphthalene	128	12.706	12.705	0.001	99	265067	50.0	58.7	
132 1,2,3-Trichlorobenzene	180	12.870	12.870	0.000	96	118133	50.0	59.1	
S 133 1,2-Dichloroethene, Total	100				0		100.0	106.9	
S 134 Xylenes, Total	100				0		100.0	111.9	

Reagents:

ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
GAS Hi_00098	Amount Added:	5.00	Units: uL	
MIX I Hi_00040	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	5.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	5.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

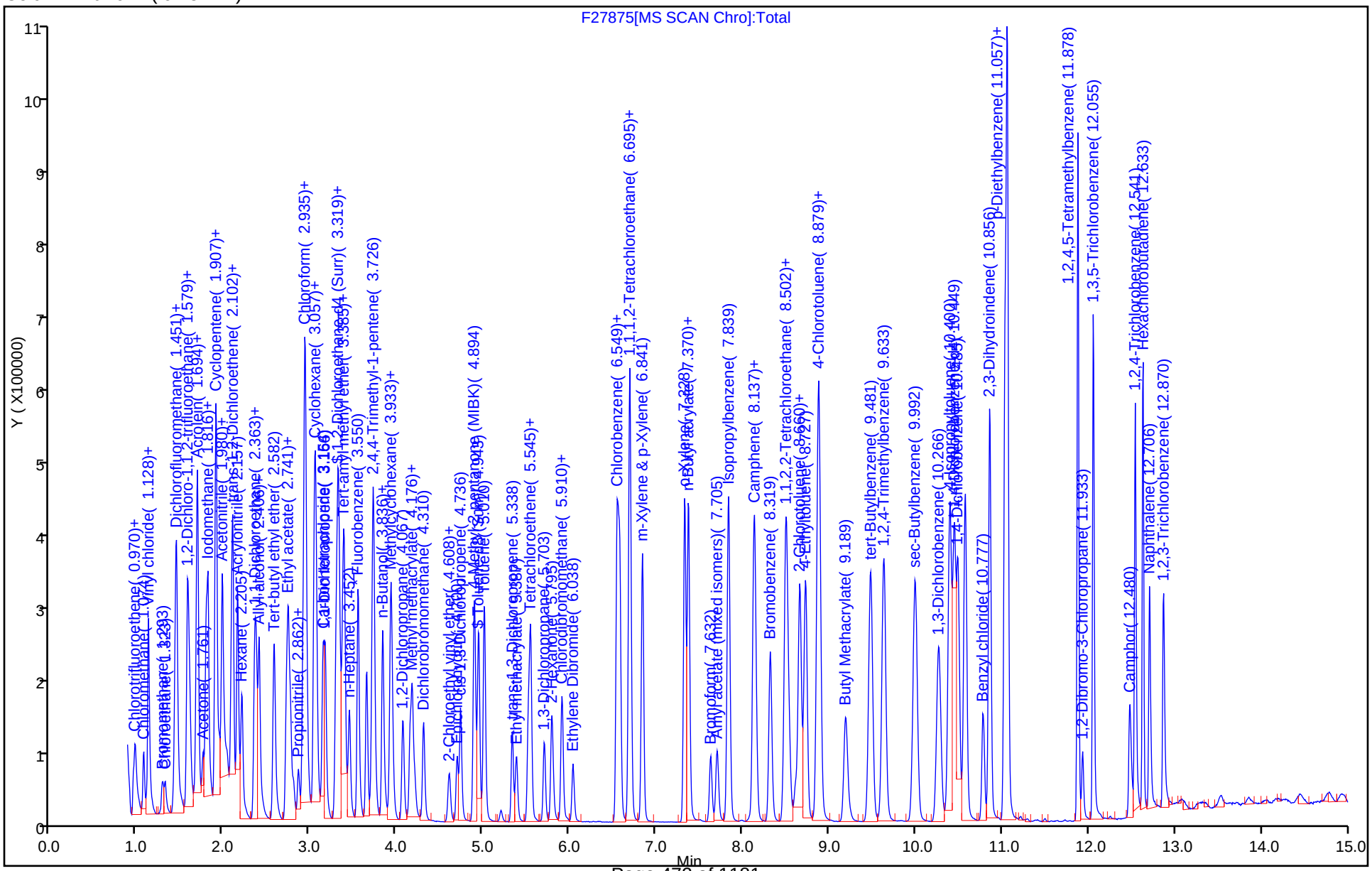
Report Date: 27-May-2015 11:16:47 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27875.D

Injection Date:	24-May-2015 12:45:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD050			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27876.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 24-May-2015 13:09:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027769-009
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:16:51 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 07:02:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	82	69011	200.0	234.1	
2 Dichlorodifluoromethane	85	0.970	0.976	-0.006	99	567354	200.0	214.8	
3 Chloromethane	50	1.074	1.068	0.006	99	319495	200.0	194.3	
4 Butadiene	54	1.122	1.122	0.000	97	320267	200.0	190.8	
5 Vinyl chloride	62	1.134	1.134	0.000	98	388614	200.0	206.4	
6 Bromomethane	94	1.293	1.293	0.000	99	175184	200.0	197.4	
7 Chloroethane	64	1.323	1.323	0.000	99	143816	200.0	199.9	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	551139	200.0	195.4	
9 Pentane	72	1.451	1.451	0.000	94	69236	400.0	419.5	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	98	539121	200.0	217.5	
11 Ethanol	45	1.566	1.572	-0.006	82	206150	8000.0	7250.6	
12 Ethyl ether	59	1.572	1.572	0.000	87	138195	200.0	181.9	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	97	241401	200.0	201.2	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	90	338486	200.0	193.9	
15 Acrolein	56	1.682	1.682	0.000	31	4340	200.0	181.2	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	94	458034	200.0	199.3	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	397896	200.0	197.4	
18 Acetone	43	1.755	1.761	-0.006	85	537291	1000.0	1044.7	
19 Iodomethane	142	1.791	1.791	0.000	99	1011867	200.0	202.5	
21 Carbon disulfide	76	1.816	1.816	0.000	99	1336937	200.0	209.5	
20 Isopropyl alcohol	45	1.822	1.822	0.000	95	148681	2000.0	1703.8	
22 3-Chloro-1-propene	41	1.895	1.901	-0.006	88	463245	200.0	200.1	
23 Methyl acetate	43	1.907	1.907	0.000	98	840185	1000.0	914.6	
24 Cyclopentene	67	1.907	1.913	-0.006	92	890677	200.0	207.3	
25 Acetonitrile	41	1.944	1.950	-0.006	93	388683	2000.0	1830.0	
27 Methylene Chloride	84	1.980	1.980	0.000	87	399555	200.0	197.1	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	94	51231	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	98	351706	2000.0	1926.9	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	1111752	200.0	206.7	
30 trans-1,2-Dichloroethene	96	2.102	2.108	-0.006	91	360075	200.0	198.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.156	2.156	0.000	91	868239	2000.0	1917.9	
32 Hexane	43	2.205	2.211	-0.006	90	160842	200.0	199.2	
33 Isopropyl ether	45	2.351	2.357	-0.006	94	767858	200.0	199.5	
34 1,1-Dichloroethane	63	2.375	2.376	-0.001	100	525238	200.0	198.7	
35 Vinyl acetate	86	2.388	2.388	0.000	60	11435	400.0	326.5	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	271860	200.0	210.2	
36 Allyl alcohol	57	2.406	2.412	-0.006	65	107430	5000.0	4889.0	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	90	962026	200.0	210.8	
39 2,2-Dichloropropane	77	2.722	2.728	-0.006	95	534198	200.0	199.3	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	99	368259	200.0	196.7	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	98	124519	1000.0	1092.2	
42 Ethyl acetate	70	2.765	2.771	-0.006	94	32865	400.0	392.5	
48 Methyl acrylate	55	2.807	2.807	0.000	97	141187	200.0	177.0	
43 Propionitrile	54	2.862	2.862	0.000	96	321553	2000.0	1978.1	
44 Chlorobromomethane	128	2.911	2.911	0.000	71	216711	200.0	201.4	
45 Tetrahydrofuran	42	2.923	2.929	-0.006	91	144507	400.0	358.7	
46 Methacrylonitrile	67	2.935	2.935	0.000	91	786219	2000.0	1956.1	
47 Chloroform	83	2.953	2.953	0.000	99	554477	200.0	199.5	
49 Cyclohexane	56	3.045	3.045	0.000	88	559586	200.0	200.0	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	97	680572	200.0	209.1	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	98	73421	50.0	46.1	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	668607	200.0	223.0	
53 1,1-Dichloropropene	75	3.172	3.172	0.000	95	353048	200.0	214.1	
54 Isobutyl alcohol	43	3.300	3.300	0.000	26	418037	5000.0	5418.5	
55 Benzene	78	3.325	3.325	-0.001	96	1064207	200.0	182.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	92	76112	50.0	48.5	
57 Isopropyl acetate	43	3.379	3.379	0.000	87	717677	200.0	201.2	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	96	1138349	200.0	207.4	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	99	382782	200.0	199.9	
60 n-Heptane	57	3.452	3.452	0.000	91	128496	200.0	199.0	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	325542	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	92	1771448	400.0	408.2	
64 Trichloroethene	95	3.836	3.836	0.000	94	315961	200.0	213.4	
63 n-Butanol	56	3.836	3.842	-0.006	89	151597	5000.0	5198.2	
65 Methylcyclohexane	83	3.933	3.933	0.000	95	646461	200.0	201.0	
66 Ethyl acrylate	55	3.939	3.933	0.006	98	636459	200.0	225.2	
67 1,2-Dichloropropane	63	4.067	4.073	-0.006	86	229717	200.0	217.7	
* 68 1,4-Dioxane-d8	96	4.146	4.146	0.000	37	18986	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	84	113734	400.0	450.0	
70 Dibromomethane	93	4.176	4.176	0.000	89	206678	200.0	205.7	
71 1,4-Dioxane	88	4.188	4.182	0.006	40	64412	4000.0	3653.6	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	213997	200.0	228.0	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	431250	200.0	225.3	
74 2-Nitropropane	41	4.596	4.596	0.000	98	130531	400.0	457.4	
75 2-Chloroethyl vinyl ether	63	4.614	4.608	0.006	82	97336	200.0	218.6	
76 Epichlorohydrin	57	4.699	4.699	0.000	99	385898	4000.0	4079.4	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	91	422435	200.0	213.0	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	95	1060008	1000.0	966.2	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	99	238361	50.0	47.0	
80 Toluene	91	5.016	5.010	0.006	93	1189151	200.0	205.5	
81 trans-1,3-Dichloropropene	75	5.332	5.338	-0.006	96	370121	200.0	208.4	
82 Ethyl methacrylate	69	5.387	5.381	0.006	89	248207	200.0	204.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	201657	200.0	202.7	
84 Tetrachloroethene	166	5.551	5.551	0.000	97	441646	200.0	211.4	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	93	364596	200.0	209.9	
86 2-Hexanone	43	5.794	5.794	0.000	95	615487	1000.0	994.4	
87 Chlorodibromomethane	129	5.910	5.910	0.000	98	431089	200.0	226.6	
88 n-Butyl acetate	43	5.910	5.910	0.000	98	222419	200.0	178.4	
89 Ethylene Dibromide	107	6.038	6.038	0.000	99	297057	200.0	197.5	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	82	317912	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	1032733	200.0	211.7	
92 Ethylbenzene	106	6.695	6.689	0.006	97	505271	200.0	210.6	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	93	517131	200.0	208.9	
94 m-Xylene & p-Xylene	106	6.847	6.841	0.006	95	670318	200.0	216.2	
95 o-Xylene	106	7.334	7.328	0.006	95	757317	200.0	209.8	
96 Styrene	104	7.376	7.370	0.006	97	1089476	200.0	206.4	
97 n-Butyl acrylate	73	7.376	7.376	0.000	97	177733	200.0	182.6	
98 Bromoform	173	7.632	7.632	0.000	98	317443	200.0	219.7	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	371715	200.0	193.3	
100 Isopropylbenzene	105	7.839	7.839	0.000	95	2056540	200.0	213.6	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	95	115168	50.0	43.3	
102 Camphene	41	8.143	8.137	0.006	92	150754	200.0	203.5	
103 Bromobenzene	156	8.325	8.319	0.006	80	590298	200.0	222.0	
104 1,1,2,2-Tetrachloroethane	83	8.489	8.483	0.006	95	363423	200.0	208.3	
105 N-Propylbenzene	91	8.508	8.508	0.000	99	1950773	200.0	233.6	
106 1,2,3-Trichloropropane	110	8.538	8.538	0.000	94	116149	200.0	210.4	
107 trans-1,4-Dichloro-2-buten	53	8.617	8.617	0.000	70	68687	200.0	209.6	
108 2-Chlorotoluene	91	8.666	8.660	0.006	95	1319333	200.0	229.9	
109 4-Ethyltoluene	105	8.733	8.727	0.006	98	1873202	200.0	230.7	
110 1,3,5-Trimethylbenzene	105	8.879	8.873	0.006	94	1835340	200.0	202.2	
111 4-Chlorotoluene	91	8.891	8.891	0.000	97	1349643	200.0	223.3	
112 Butyl Methacrylate	87	9.195	9.189	0.006	89	438723	200.0	216.5	
113 tert-Butylbenzene	119	9.487	9.481	0.006	95	1742755	200.0	203.0	
114 1,2,4-Trimethylbenzene	105	9.639	9.633	0.006	96	1864821	200.0	232.4	
115 sec-Butylbenzene	105	9.998	9.998	0.000	98	2316390	200.0	202.4	
116 1,3-Dichlorobenzene	146	10.272	10.266	0.006	99	1070725	200.0	216.0	
117 4-Isopropyltoluene	119	10.400	10.394	0.006	98	2172034	200.0	202.2	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	90	213802	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.497	10.491	0.006	96	1048242	200.0	209.2	
120 Benzyl chloride	91	10.783	10.783	0.000	100	658071	200.0	200.4	
121 2,3-Dihydroindene	117	10.862	10.856	0.006	94	1826890	200.0	214.9	
122 p-Diethylbenzene	119	11.038	11.032	0.006	95	1154815	200.0	219.6	
123 1,2-Dichlorobenzene	146	11.063	11.057	0.006	98	1061799	200.0	208.8	
124 n-Butylbenzene	91	11.063	11.057	0.006	98	1780789	200.0	222.5	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	1937458	200.0	211.4	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	87	75264	200.0	219.3	
127 1,3,5-Trichlorobenzene	180	12.054	12.054	0.000	97	942218	200.0	216.8	
128 Camphor	95	12.480	12.474	0.006	88	238895	1000.0	989.4	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	755923	200.0	201.8	
130 Hexachlorobutadiene	225	12.632	12.632	0.000	93	354878	200.0	199.2	
131 Naphthalene	128	12.705	12.705	0.000	99	1134263	200.0	234.7	
132 1,2,3-Trichlorobenzene	180	12.870	12.870	0.000	96	505613	200.0	236.7	
S 133 1,2-Dichloroethene, Total	100				0		400.0	395.2	
S 134 Xylenes, Total	100				0		400.0	426.0	

Reagents:

ACROLEIN W_00037	Amount Added:	20.00	Units: uL	
GAS Hi_00098	Amount Added:	20.00	Units: uL	
MIX I Hi_00040	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	20.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

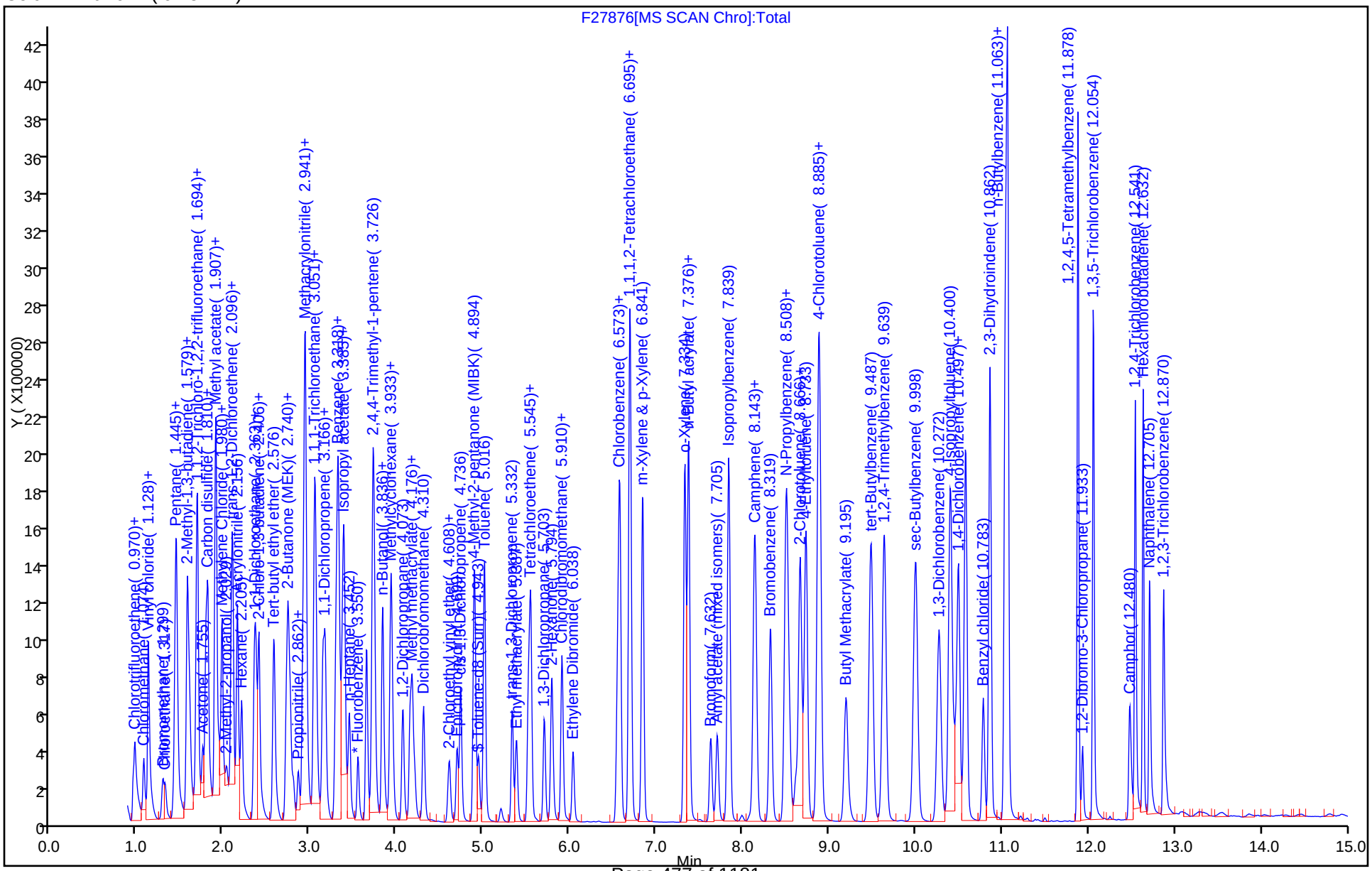
Report Date: 27-May-2015 11:16:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27876.D

Injection Date:	24-May-2015 13:09:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27877.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 24-May-2015 13:32:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027769-010
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:16:57 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 07:05:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	83	185325	500.0	521.4	
2 Dichlorodifluoromethane	85	0.970	0.976	-0.006	99	1435750	500.0	450.8	
3 Chloromethane	50	1.080	1.068	0.012	99	828730	500.0	418.0	
4 Butadiene	54	1.128	1.122	0.006	97	790623	500.0	390.6	
5 Vinyl chloride	62	1.141	1.134	0.007	98	973090	500.0	428.6	
6 Bromomethane	94	1.299	1.293	0.006	99	436362	500.0	507.6	
7 Chloroethane	64	1.323	1.323	0.000	99	338286	500.0	485.3	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	1292611	500.0	380.1	
9 Pentane	72	1.451	1.451	0.000	97	166459	1000.0	836.4	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	98	1228950	500.0	411.2	
11 Ethanol	45	1.573	1.572	0.001	79	487555	20000	17700	
12 Ethyl ether	59	1.573	1.572	0.001	90	319571	500.0	348.8	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	96	580186	500.0	401.0	
14 1,2-Dichloro-1,1,2-trifluo	117	1.603	1.597	0.006	87	823816	500.0	391.3	
15 Acrolein	56	1.682	1.682	0.000	38	8126	400.0	350.2	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	94	1132672	500.0	500.2	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	96	975678	500.0	401.5	
18 Acetone	43	1.761	1.761	0.000	85	1303485	2500.0	2620.1	
19 Iodomethane	142	1.792	1.791	0.001	99	2424387	500.0	402.3	
21 Carbon disulfide	76	1.816	1.816	0.000	99	3232057	500.0	420.0	
20 Isopropyl alcohol	45	1.828	1.822	0.006	94	404561	5000.0	4785.3	
22 3-Chloro-1-propene	41	1.895	1.901	-0.006	85	1093302	500.0	391.6	
23 Methyl acetate	43	1.913	1.907	0.006	99	1992872	2500.0	1799.3	
24 Cyclopentene	67	1.913	1.913	0.000	93	2188631	500.0	422.4	
25 Acetonitrile	41	1.950	1.950	0.000	97	983488	5000.0	3840.3	
27 Methylene Chloride	84	1.980	1.980	0.000	95	988738	500.0	404.6	
* 26 TBA-d9 (IS)	46	1.998	1.986	0.012	94	49634	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.041	2.035	0.006	98	888361	5000.0	5023.7	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	2701080	500.0	416.6	
30 trans-1,2-Dichloroethene	96	2.102	2.108	-0.006	90	906885	500.0	414.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.163	2.156	0.007	91	2108742	5000.0	3863.3	
32 Hexane	43	2.205	2.211	-0.006	90	393891	500.0	500.2	
33 Isopropyl ether	45	2.357	2.357	0.000	95	1915505	500.0	412.8	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	1333522	500.0	418.3	
35 Vinyl acetate	86	2.388	2.388	0.000	58	33112	1000.0	975.9	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	93	707241	500.0	453.6	
36 Allyl alcohol	57	2.418	2.412	0.006	88	282816	12500	13260	
38 Tert-butyl ethyl ether	59	2.582	2.576	0.006	91	2458623	500.0	446.9	
39 2,2-Dichloropropane	77	2.728	2.728	0.000	94	1278471	500.0	500.2	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	98	962764	500.0	426.5	
41 2-Butanone (MEK)	72	2.771	2.765	0.006	97	333869	2500.0	3022.7	
42 Ethyl acetate	70	2.771	2.771	0.000	95	88235	1000.0	874.0	
48 Methyl acrylate	55	2.808	2.807	0.001	98	398135	500.0	382.5	
43 Propionitrile	54	2.868	2.862	0.006	37	821914	5000.0	5218.9	M
44 Chlorobromomethane	128	2.917	2.911	0.006	93	562728	500.0	433.7	
45 Tetrahydrofuran	42	2.923	2.929	-0.006	85	357168	1000.0	735.2	
46 Methacrylonitrile	67	2.947	2.935	0.012	89	2059235	5000.0	4249.1	
47 Chloroform	83	2.960	2.953	0.007	99	1392599	500.0	415.6	
49 Cyclohexane	56	3.051	3.045	0.006	87	1345835	500.0	500.0	
50 1,1,1-Trichloroethane	97	3.063	3.057	0.006	97	1680125	500.0	428.2	
$ 51 Dibromofluoromethane (Surr	113	3.075	3.069	0.006	98	79006	50.0	41.1	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	1691363	500.0	467.8	
53 1,1-Dichloropropene	75	3.173	3.172	0.001	95	951029	500.0	478.3	
54 Isobutyl alcohol	43	3.306	3.300	0.006	30	1042913	12500	13953	
55 Benzene	78	3.325	3.325	0.000	96	2814414	500.0	369.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.343	3.337	0.006	94	85335	50.0	45.1	
57 Isopropyl acetate	43	3.385	3.379	0.006	88	1855998	500.0	431.6	
58 Tert-amyl methyl ether	73	3.385	3.379	0.006	96	2946171	500.0	445.2	
59 1,2-Dichloroethane	62	3.404	3.398	0.006	99	1026745	500.0	444.7	
60 n-Heptane	57	3.452	3.452	0.000	90	333460	500.0	500.2	
* 61 Fluorobenzene	96	3.556	3.550	0.006	99	392524	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.732	3.726	0.006	92	4353150	1000.0	998.2	
64 Trichloroethene	95	3.836	3.836	0.000	94	893693	500.0	500.5	
63 n-Butanol	56	3.848	3.842	0.006	90	416211	12500	14731	
65 Methylcyclohexane	83	3.933	3.933	0.000	94	1630973	500.0	499.8	
66 Ethyl acrylate	55	3.945	3.933	0.012	98	1688582	500.0	495.6	
67 1,2-Dichloropropane	63	4.073	4.073	0.000	85	660867	500.0	519.4	
* 68 1,4-Dioxane-d8	96	4.176	4.146	0.030	37	24040	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	89	355733	1000.0	1167.3	
70 Dibromomethane	93	4.182	4.176	0.006	90	576662	500.0	475.9	
71 1,4-Dioxane	88	4.189	4.182	0.007	38	175421	10000	7858.3	
72 n-Propyl acetate	43	4.213	4.207	0.006	98	683362	500.0	603.9	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	1276594	500.0	553.1	
74 2-Nitropropane	41	4.602	4.596	0.006	99	403701	1000.0	1173.3	
75 2-Chloroethyl vinyl ether	63	4.614	4.608	0.006	81	330672	500.0	615.9	
76 Epichlorohydrin	57	4.706	4.699	0.007	99	1081846	10000	8764.4	
77 cis-1,3-Dichloropropene	75	4.742	4.736	0.006	90	1289511	500.0	498.3	
78 4-Methyl-2-pentanone (MIBK	43	4.906	4.894	0.012	94	2972244	2500.0	2076.3	
$ 79 Toluene-d8 (Surr)	98	4.949	4.949	0.000	98	293896	50.0	44.4	
80 Toluene	91	5.016	5.010	0.006	93	3526633	500.0	467.1	
81 trans-1,3-Dichloropropene	75	5.338	5.338	0.000	96	1178885	500.0	508.8	
82 Ethyl methacrylate	69	5.387	5.381	0.006	89	817534	500.0	515.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	5.527	5.521	0.006	95	619297	500.0	477.0	
84 Tetrachloroethene	166	5.551	5.551	0.000	96	1332642	500.0	488.9	
85 1,3-Dichloropropane	76	5.709	5.703	0.006	93	1164782	500.0	514.0	
86 2-Hexanone	43	5.801	5.794	0.007	94	1916889	2500.0	2373.5	
87 Chlorodibromomethane	129	5.916	5.910	0.006	98	1322650	500.0	532.8	
88 n-Butyl acetate	43	5.916	5.910	0.006	96	728062	500.0	447.6	
89 Ethylene Dibromide	107	6.044	6.038	0.006	99	933940	500.0	475.8	
* 90 Chlorobenzene-d5	117	6.555	6.549	0.006	82	414828	50.0	50.0	
91 Chlorobenzene	112	6.585	6.579	0.006	99	3097371	500.0	486.6	
92 Ethylbenzene	106	6.701	6.689	0.012	97	1486966	500.0	474.9	
93 1,1,1,2-Tetrachloroethane	131	6.713	6.701	0.012	94	1360624	500.0	421.2	
94 m-Xylene & p-Xylene	106	6.847	6.841	0.006	94	1962541	500.0	485.1	
95 o-Xylene	106	7.340	7.328	0.012	95	2058686	500.0	437.1	
96 Styrene	104	7.382	7.370	0.012	96	3190511	500.0	463.1	
97 n-Butyl acrylate	73	7.382	7.376	0.006	97	560935	500.0	441.7	
98 Bromoform	173	7.638	7.632	0.006	99	998306	500.0	529.5	
99 Amyl acetate (mixed isomer	43	7.717	7.705	0.012	92	1169517	500.0	514.7	
100 Isopropylbenzene	105	7.845	7.839	0.006	95	5396760	500.0	429.6	
$ 101 4-Bromofluorobenzene	174	8.137	8.131	0.006	94	140129	50.0	40.3	
102 Camphene	41	8.149	8.137	0.012	92	406565	500.0	420.6	
103 Bromobenzene	156	8.331	8.319	0.012	79	1769153	500.0	563.2	
104 1,1,2,2-Tetrachloroethane	83	8.502	8.483	0.019	95	993368	500.0	481.9	
105 N-Propylbenzene	91	8.520	8.508	0.012	99	5296011	500.0	536.7	
106 1,2,3-Trichloropropane	110	8.550	8.538	0.012	94	329032	500.0	504.5	
107 trans-1,4-Dichloro-2-buten	53	8.623	8.617	0.006	71	205590	500.0	529.9	
108 2-Chlorotoluene	91	8.678	8.660	0.018	95	3540249	500.0	522.3	
109 4-Ethyltoluene	105	8.745	8.727	0.018	97	5124837	500.0	534.2	
110 1,3,5-Trimethylbenzene	105	8.891	8.873	0.018	94	4568304	500.0	499.5	
111 4-Chlorotoluene	91	8.909	8.891	0.018	97	3774931	500.0	528.7	
112 Butyl Methacrylate	87	9.207	9.189	0.018	89	1297879	500.0	542.0	
113 tert-Butylbenzene	119	9.499	9.481	0.018	95	4488256	500.0	499.5	
114 1,2,4-Trimethylbenzene	105	9.652	9.633	0.019	96	4723445	500.0	498.2	
115 sec-Butylbenzene	105	10.011	9.998	0.012	98	5800198	500.0	499.5	
116 1,3-Dichlorobenzene	146	10.284	10.266	0.018	99	3016560	500.0	515.1	
117 4-Isopropyltoluene	119	10.412	10.394	0.018	98	5380174	500.0	499.5	
* 118 1,4-Dichlorobenzene-d4	152	10.461	10.442	0.019	81	252593	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.509	10.491	0.018	97	3025372	500.0	511.0	
120 Benzyl chloride	91	10.795	10.783	0.012	99	1873128	500.0	499.9	
121 2,3-Dihydroindene	117	10.874	10.856	0.018	94	4619618	500.0	459.9	
122 p-Diethylbenzene	119	11.045	11.032	0.013	94	2768559	500.0	445.7	
123 1,2-Dichlorobenzene	146	11.069	11.057	0.012	98	2589495	500.0	431.1	
124 n-Butylbenzene	91	11.075	11.057	0.018	97	4205903	500.0	444.8	
125 1,2,4,5-Tetramethylbenzene	119	11.884	11.878	0.006	98	4514139	500.0	417.0	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	88	197903	500.0	488.0	
127 1,3,5-Trichlorobenzene	180	12.061	12.054	0.007	97	2232132	500.0	434.6	
128 Camphor	95	12.480	12.474	0.006	87	634757	2500.0	2225.3	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	1776544	500.0	499.5	
130 Hexachlorobutadiene	225	12.633	12.632	0.001	93	857690	500.0	500.2	
131 Naphthalene	128	12.706	12.705	0.001	99	2799578	500.0	490.4	
132 1,2,3-Trichlorobenzene	180	12.870	12.870	0.000	96	1253866	500.0	496.8	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	841.2	
S 134 Xylenes, Total	100				0		1000.0	922.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	40.00	Units: uL	
GAS Hi_00098	Amount Added:	50.00	Units: uL	
MIX I Hi_00040	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	50.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

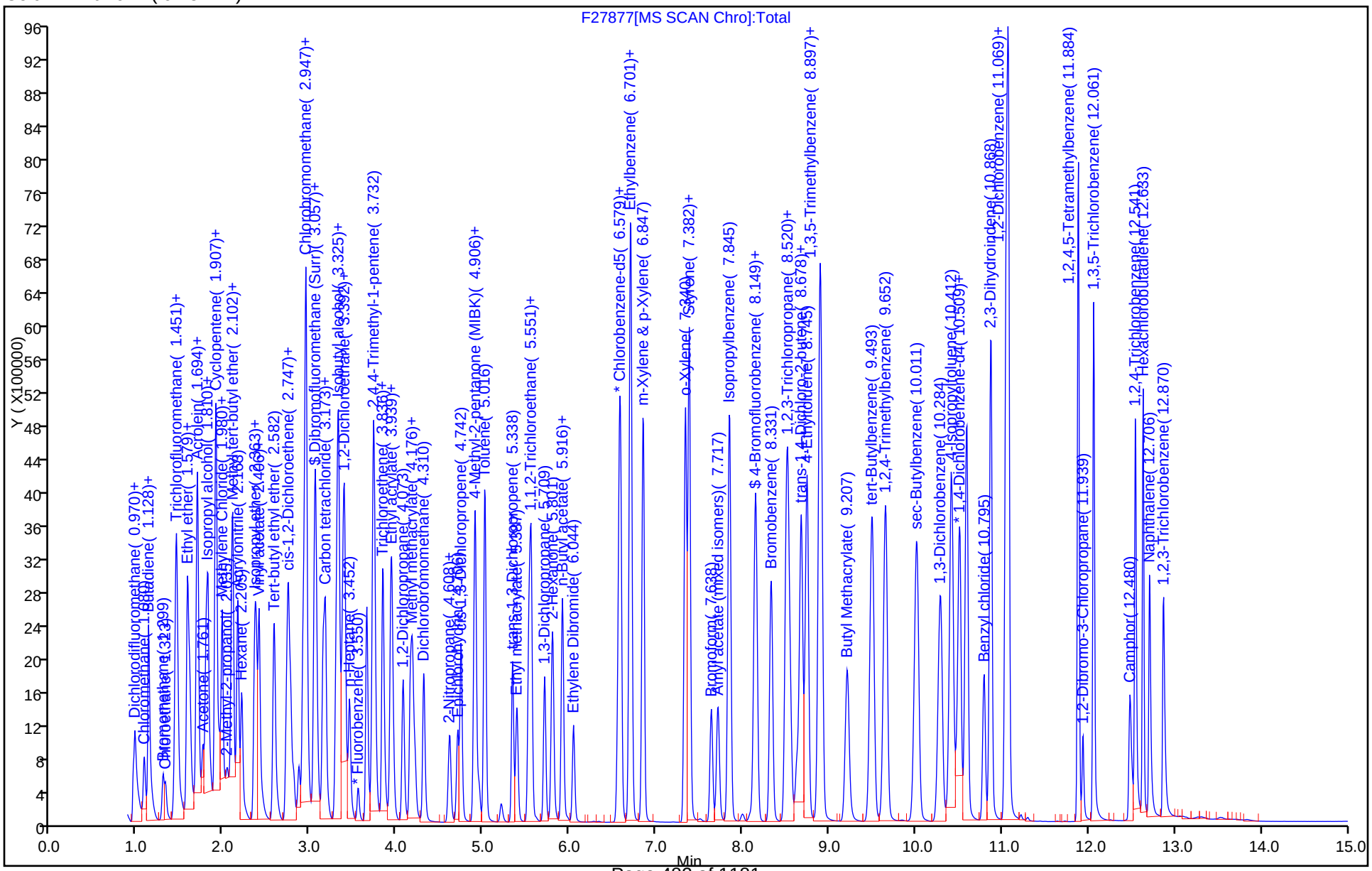
Report Date: 27-May-2015 11:17:00 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27877.D

Injection Date:	24-May-2015 13:32:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

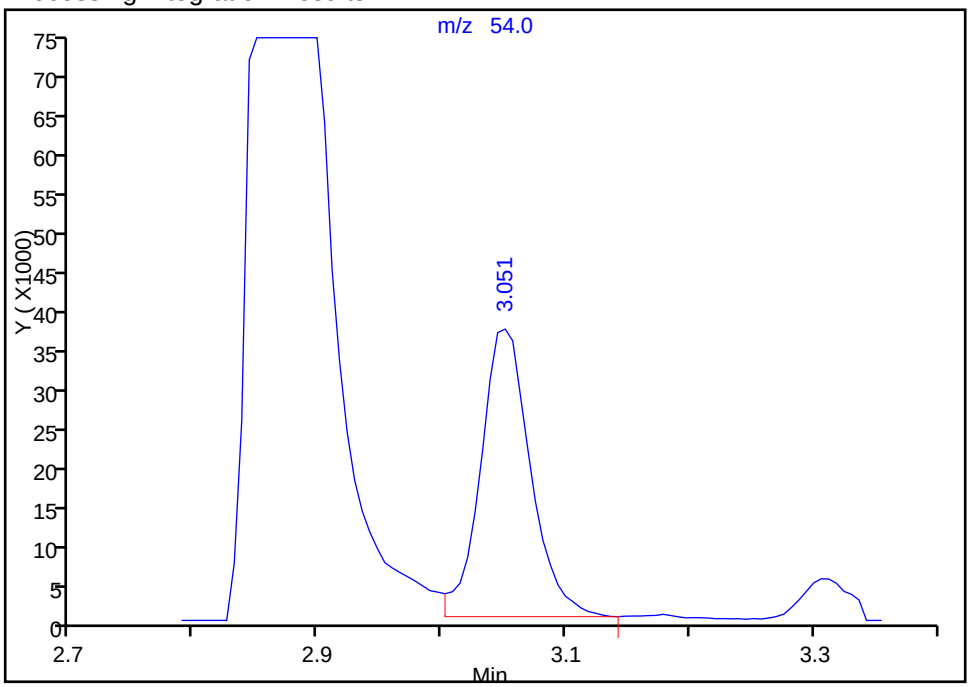
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27877.D
Injection Date: 24-May-2015 13:32:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

43 Propionitrile, CAS: 107-12-0

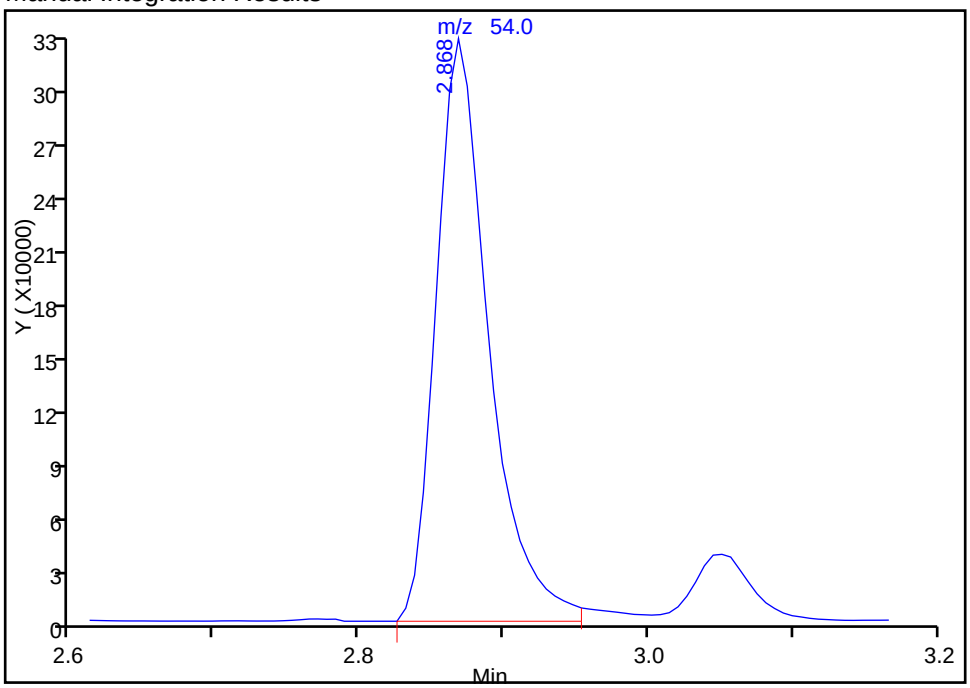
Processing Integration Results

RT: 3.05
Area: 103323
Amount: 773.7577
Amount Units: ug/l



Manual Integration Results

RT: 2.87
Area: 821914
Amount: 5218.9295
Amount Units: ug/l



Reviewer: delpolitov, 27-May-2015 10:38:13
Audit Action: Manually Integrated
Audit Reason: Wrong peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 24-May-2015 14:43:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0027769-013
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:17:04 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: moroneyc Date: 26-May-2015 07:10:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	46	1.980	1.986	-0.006	95	46776	1000.0	1000.0	
31 Acrylonitrile	53	2.150	2.156	-0.006	88	819	2.00	2.00	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	68399	50.0	47.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	96	63612	50.0	44.7	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	294788	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.140	4.146	-0.006	97	13255	1000.0	1000.0	
76 Epichlorohydrin	57	4.699	4.699	0.000	1	283	5.00	4.13	
$ 79 Toluene-d8 (Surr)	98	4.943	4.949	-0.006	99	167430	50.0	45.6	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	230315	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	8.131	8.131	0.000	96	94581	50.0	49.0	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	93	194045	50.0	50.0	

Reagents:

ACRY/EPIH MIX_00010	Amount Added:	2.00	Units: uL	
ACROLEIN W_00037	Amount Added:	0.00	Units: uL	
GAS Hi_00098	Amount Added:	0.00	Units: uL	
MIX I Hi_00040	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00030	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00014	Amount Added:	0.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

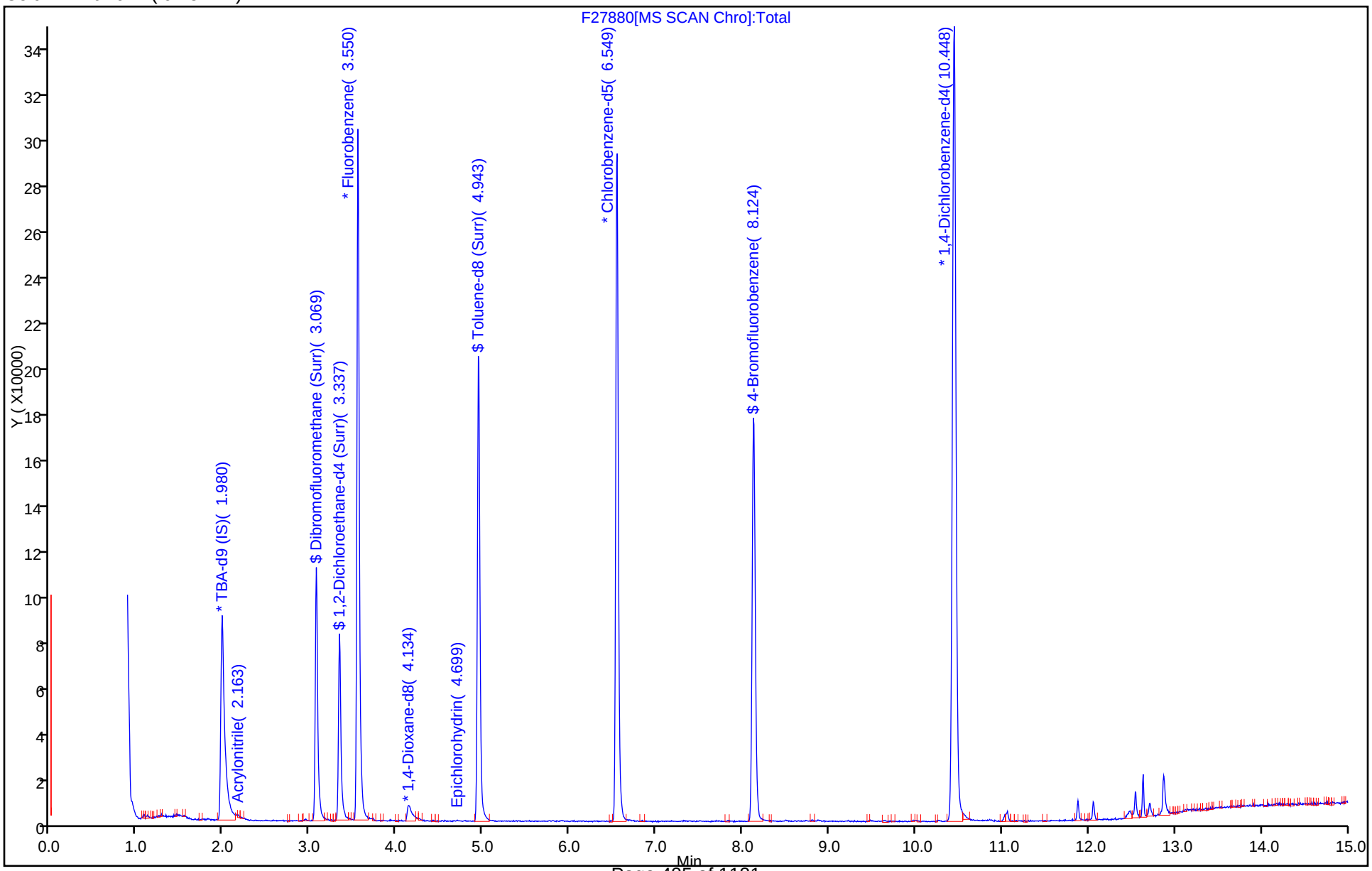
Report Date: 27-May-2015 11:17:10 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Injection Date:	24-May-2015 14:43:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0927	0.1088		23.5	20.0	17.4	20.0
Dichlorodifluoromethane	Ave	0.6488	0.7901	0.1000	24.4	20.0	21.8*	20.0
Chloromethane	Ave	0.5164	0.5574	0.1000	21.6	20.0	7.9	20.0
Vinyl chloride	Ave	0.5901	0.6479	0.1000	22.0	20.0	9.8	20.0
Butadiene	Ave	0.5367	0.6073		22.6	20.0	13.1	20.0
Bromomethane	QuaF		0.4446	0.1000	25.5	20.0	27.3	50.0
Chloroethane	Ave	0.3860	0.4005	0.1000	20.8	20.0	3.8	50.0
Dichlorofluoromethane	Ave	0.8275	0.9565		23.1	20.0	15.6	20.0
Trichlorofluoromethane	Ave	0.8077	0.9120	0.1000	22.6	20.0	12.9	20.0
Pentane	Ave	0.1052	0.1132		43.0	40.0	7.6	20.0
Ethanol	QuaF		0.0651		911	800	13.9	50.0
Ethyl ether	Ave	0.3058	0.3107		20.3	20.0	1.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4427	0.4966		22.4	20.0	12.2	20.0
2-Methyl-1,3-butadiene	Ave	0.4492	0.5030		22.4	20.0	12.0	20.0
Acrolein	Ave	0.5308	0.4806		272	300	-9.5	50.0
1,1-Dichloroethene	Ave	0.4736	0.5239	0.1000	22.1	20.0	10.6	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.5162	0.5814	0.1000	22.5	20.0	12.6	20.0
Acetone	QuaF		1.569	0.0500	146	100	45.8	50.0
Iodomethane	QuaF		0.5316		17.9	20.0	-10.5	20.0
Isopropyl alcohol	QuaF		0.7992		229	200	14.5	50.0
Carbon disulfide	Ave	1.628	1.711	0.1000	21.0	20.0	5.1	50.0
Allyl chloride	QuaF		0.3315		27.8	20.0	39.1*	20.0
Methyl acetate	QuaF		9.095	0.1000	97.4	100	-2.6	20.0
Acetonitrile	Ave	1.311	1.391		212	200	6.1	20.0
Cyclopentene	Ave	1.350	1.531		22.7	20.0	13.4	20.0
Methylene Chloride	Ave	0.4429	0.4632	0.1000	20.9	20.0	4.6	20.0
2-Methyl-2-propanol	QuaF		1.454		248	200	23.8	50.0
Acrylonitrile	QuaF		0.0948		262	200	30.9*	20.0
trans-1,2-Dichloroethene	Ave	0.5087	0.5354	0.1000	21.0	20.0	5.2	20.0
Methyl tert-butyl ether	Ave	0.9228	0.995	0.1000	21.6	20.0	7.8	20.0
Hexane	Ave	0.4030	0.4479		22.2	20.0	11.1	20.0
1,1-Dichloroethane	Ave	0.7973	0.8251	0.2000	20.7	20.0	3.5	20.0
Allyl alcohol	Ave	0.2083	0.2088		501	500	0.2	50.0
Vinyl acetate	Ave	0.2927	0.3408		46.6	40.0	16.5	20.0
2-Chloro-1,3-butadiene	Ave	0.4390	0.4793		21.8	20.0	9.2	20.0
Isopropyl ether	Ave	0.9314	0.9832		21.1	20.0	5.6	20.0
Tert-butyl ethyl ether	Ave	0.8615	0.9804		22.8	20.0	13.8	20.0
2,2-Dichloropropane	Ave	0.1616	0.1815		22.5	20.0	12.3	20.0
cis-1,2-Dichloroethene	Ave	0.4698	0.5085	0.1000	21.6	20.0	8.2	20.0
2-Butanone (MEK)	QuaF		0.5127	0.0500	114	100	14.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.362	1.306		192	200	-4.1	20.0
Ethyl acetate	Ave	2.529	2.700		42.7	40.0	6.8	20.0
Methyl acrylate	Ave	0.2215	0.2295		20.7	20.0	3.6	20.0
Methacrylonitrile	Ave	0.1022	0.1087		213	200	6.3	20.0
Chlorobromomethane	QuaF		0.2092		23.4	20.0	17.1	20.0
Tetrahydrofuran	Ave	0.4316	0.4625		42.9	40.0	7.2	20.0
Chloroform	Ave	0.6942	0.7617	0.2000	21.9	20.0	9.7	20.0
1,1,1-Trichloroethane	Ave	0.6700	0.7538	0.1000	22.5	20.0	12.5	20.0
Cyclohexane	Ave	0.7098	0.8507	0.1000	24.0	20.0	19.8	50.0
Carbon tetrachloride	Ave	0.6023	0.6704	0.1000	22.3	20.0	11.3	20.0
1,1-Dichloropropene	Ave	0.5415	0.6319		23.3	20.0	16.7	20.0
Isobutyl alcohol	Ave	0.3601	0.4213		585	500	17.0	50.0
Benzene	Ave	1.914	2.059	0.5000	21.5	20.0	7.6	20.0
1,2-Dichloroethane	Ave	0.4162	0.4503	0.1000	21.6	20.0	8.2	20.0
2,2,4-Trimethylpentane	Ave	1.397	1.545		22.1	20.0	10.6	20.0
Isopropyl acetate	Ave	0.7770	0.8732		22.5	20.0	12.4	20.0
Tert-amyl methyl ether	Ave	0.7220	0.8042		22.3	20.0	11.4	20.0
n-Heptane	QuaF		0.4416		24.5	20.0	22.4*	20.0
2,4,4-Trimethyl-1-pentene	Ave	1.004	1.109		44.1	40.0	10.4	20.0
Trichloroethene	Ave	0.4248	0.4860	0.2000	22.9	20.0	14.4	20.0
Ethyl acrylate	Ave	0.5213	0.6091		23.4	20.0	16.9	20.0
Methylcyclohexane	Ave	0.7101	0.8141	0.1000	22.9	20.0	14.6	50.0
n-Butanol	QuaF		0.0547		365	500	-27.0	50.0
1,2-Dichloropropane	Ave	0.3513	0.3867	0.1000	22.0	20.0	10.1	20.0
Dibromomethane	Ave	0.1850	0.1990		21.5	20.0	7.6	20.0
Methyl methacrylate	Ave	0.1627	0.1719		42.3	40.0	5.7	20.0
1,4-Dioxane	Ave	1.254	1.384		442	400	10.4	50.0
n-Propyl acetate	Ave	0.2425	0.2721		22.4	20.0	12.2	20.0
Dichlorobromomethane	Ave	0.4704	0.5061	0.2000	21.5	20.0	7.6	20.0
2-Nitropropane	QuaF		0.0575		49.3	40.0	23.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.1398	0.1544		22.1	20.0	10.4	20.0
Epichlorohydrin	Ave	0.3028	0.3275		433	400	8.1	20.0
cis-1,3-Dichloropropene	Ave	0.6324	0.6825	0.2000	21.6	20.0	7.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.349	2.476	0.0500	105	100	5.4	50.0
Toluene	Ave	1.925	2.014	0.4000	20.9	20.0	4.6	20.0
trans-1,3-Dichloropropene	Ave	0.4878	0.5227	0.1000	21.4	20.0	7.2	50.0
Ethyl methacrylate	Ave	0.3551	0.3592		20.2	20.0	1.2	20.0
1,1,2-Trichloroethane	Ave	0.2422	0.2568	0.1000	21.2	20.0	6.0	20.0
Tetrachloroethene	Ave	0.5775	0.5949	0.2000	20.6	20.0	3.0	20.0
1,3-Dichloropropane	Ave	0.5012	0.5462		21.8	20.0	9.0	20.0
2-Hexanone	Ave	1.751	1.993	0.0500	114	100	13.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3776	0.3786	0.1000	20.1	20.0	0.3	50.0
n-Butyl acetate	QuaF		0.2974		22.8	20.0	14.0	20.0
Ethylene Dibromide	Ave	0.2930	0.3050	0.1000	20.8	20.0	4.1	20.0
Chlorobenzene	Ave	1.194	1.242	0.5000	20.8	20.0	4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4036	0.3894		19.3	20.0	-3.5	20.0
Ethylbenzene	Ave	0.7036	0.7789	0.1000	22.1	20.0	10.7	20.0
m-Xylene & p-Xylene	Ave	0.8279	0.8983	0.1000	21.7	20.0	8.5	20.0
o-Xylene	Ave	0.7901	0.8329	0.3000	21.1	20.0	5.4	20.0
Styrene	Ave	1.332	1.407	0.3000	21.1	20.0	5.6	20.0
n-Butyl acrylate	Ave	0.2100	0.2252		21.4	20.0	7.2	20.0
Bromoform	Ave	0.2497	0.2227	0.1000	17.8	20.0	-10.8	20.0
Amyl acetate (mixed isomers)	Ave	0.6616	0.7320		22.1	20.0	10.6	20.0
Isopropylbenzene	Ave	2.146	2.450	0.1000	22.8	20.0	14.2	20.0
Camphene	Ave	0.1565	0.1951		24.9	20.0	24.7*	20.0
Bromobenzene	Ave	0.9669	1.011		20.9	20.0	4.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5561	0.5824	0.3000	20.9	20.0	4.7	20.0
1,2,3-Trichloropropane	Ave	0.1731	0.1755		20.3	20.0	1.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1463	0.1539		21.0	20.0	5.2	20.0
N-Propylbenzene	Ave	4.440	4.907		22.1	20.0	10.5	20.0
2-Chlorotoluene	Ave	2.498	2.621		21.0	20.0	4.9	20.0
4-Ethyltoluene	Ave	3.787	4.013		21.2	20.0	6.0	20.0
4-Chlorotoluene	Ave	2.602	2.746		21.1	20.0	5.5	20.0
1,3,5-Trimethylbenzene	Ave	2.958	3.061		20.7	20.0	3.5	20.0
Butyl Methacrylate	Ave	0.6985	0.7553		21.6	20.0	8.1	20.0
tert-Butylbenzene	Ave	2.916	3.070		21.1	20.0	5.3	20.0
1,2,4-Trimethylbenzene	Ave	3.043	3.117		20.5	20.0	2.4	20.0
sec-Butylbenzene	Ave	4.261	4.643		21.8	20.0	9.0	20.0
1,3-Dichlorobenzene	Ave	1.875	1.860	0.6000	19.8	20.0	-0.8	20.0
1,4-Dichlorobenzene	Ave	1.868	1.878	0.5000	20.1	20.0	0.5	20.0
4-Isopropyltoluene	Ave	3.707	3.843		20.7	20.0	3.7	20.0
Benzyl chloride	Ave	1.315	1.345		20.4	20.0	2.2	50.0
Indan	Ave	2.964	3.111		21.0	20.0	4.9	20.0
1,2-Dichlorobenzene	Ave	1.657	1.681	0.4000	20.3	20.0	1.4	20.0
p-Diethylbenzene	Ave	2.207	2.307		20.9	20.0	4.5	20.0
n-Butylbenzene	Ave	3.948	4.339		22.0	20.0	9.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1533	0.1567	0.0500	20.4	20.0	2.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.116	3.400		21.8	20.0	9.1	20.0
Camphor	QuaF		0.0751		142	100	42.2*	20.0
1,2,4-Trichlorobenzene	Ave	1.449	1.474	0.2000	20.3	20.0	1.7	20.0
Hexachlorobutadiene	Ave	1.030	1.035		20.1	20.0	0.5	20.0
Naphthalene	QuaF		2.621		26.3	20.0	31.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.258	1.314		20.9	20.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.3068	0.2795		45.5	50.0	-8.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2654	0.2390		45.0	50.0	-9.9	20.0
Toluene-d8 (Surr)	Ave	1.325	1.228		46.3	50.0	-7.4	20.0
4-Bromofluorobenzene	Ave	0.4574	0.5403		59.1	50.0	18.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98833.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 21:45:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0027822-003
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:09:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: boykink Date: 26-May-2015 22:24:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	18674	20.0	23.5	
2 Dichlorodifluoromethane	85	0.985	0.985	0.000	100	135597	20.0	24.4	
3 Chloromethane	50	1.113	1.113	0.000	99	95652	20.0	21.6	
4 Vinyl chloride	62	1.156	1.156	0.000	98	111184	20.0	22.0	
5 Butadiene	54	1.174	1.174	0.000	95	104213	20.0	22.6	
6 Bromomethane	94	1.344	1.344	0.000	98	76289	20.0	25.5	
7 Chloroethane	64	1.405	1.405	0.000	99	68733	20.0	20.8	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	164139	20.0	23.1	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	156510	20.0	22.6	
10 Pentane	72	1.606	1.606	0.000	95	38852	40.0	43.0	
11 Ethanol	46	1.685	1.685	0.000	92	11575	800.0	911.1	
12 Ethyl ether	59	1.734	1.734	0.000	88	53324	20.0	20.3	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	85225	20.0	22.4	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	86314	20.0	22.4	
15 Acrolein	56	1.807	1.807	0.000	96	32038	300.0	271.6	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	89908	20.0	22.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	96	99768	20.0	22.5	
18 Acetone	43	1.910	1.910	0.000	87	93918	100.0	145.8	
19 Iodomethane	142	1.971	1.971	0.000	97	91223	20.0	17.9	
21 Isopropyl alcohol	45	2.007	2.007	0.000	30	35516	200.0	229.0	
20 Carbon disulfide	76	2.013	2.013	0.000	99	293589	20.0	21.0	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	56886	20.0	27.8	
23 Methyl acetate	43	2.123	2.123	0.000	98	202101	100.0	97.4	
24 Acetonitrile	39	2.165	2.165	0.000	31	61804	200.0	212.1	
25 Cyclopentene	67	2.165	2.165	0.000	96	262808	20.0	22.7	
26 Methylene Chloride	84	2.190	2.190	0.000	91	79486	20.0	20.9	
* 27 TBA-d9 (IS)	65	2.226	2.226	0.000	99	222208	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	64633	200.0	247.5	
29 Acrylonitrile	53	2.354	2.354	0.000	95	162649	200.0	261.8	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	91882	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	96	170778	20.0	21.6	
32 Hexane	43	2.585	2.585	0.000	92	76869	20.0	22.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	141595	20.0	20.7	
34 Allyl alcohol	57	2.731	2.731	0.000	83	23193	500.0	501.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	8161	40.0	46.6	
36 Isopropyl ether	45	2.756	2.756	0.000	93	168730	20.0	21.1	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	93	82259	20.0	21.8	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	89	168244	20.0	22.8	
* 157 2-Butanone-d5	46	3.114	3.114	0.000	97	149668	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	85	31154	20.0	22.5	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	87258	20.0	21.6	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	30694	100.0	114.1	
42 Propionitrile	54	3.206	3.206	0.000	94	58054	200.0	191.8	
43 Ethyl acetate	43	3.224	3.224	0.000	99	64667	40.0	42.7	
44 Methyl acrylate	55	3.248	3.248	0.000	99	39380	20.0	20.7	
45 Methacrylonitrile	67	3.334	3.334	0.000	90	186450	200.0	212.6	
46 Chlorobromomethane	128	3.340	3.340	0.000	83	35900	20.0	23.4	
47 Tetrahydrofuran	71	3.388	3.388	0.000	80	11076	40.0	42.9	
48 Chloroform	83	3.419	3.419	0.000	99	130707	20.0	21.9	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.559	0.000	98	119907	50.0	45.5	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	129357	20.0	22.5	
51 Cyclohexane	56	3.626	3.626	0.000	88	145987	20.0	24.0	
53 Carbon tetrachloride	117	3.723	3.723	0.000	96	115044	20.0	22.3	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	96	108435	20.0	23.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	102543	50.0	45.0	
55 Isobutyl alcohol	43	3.869	3.869	0.000	93	46812	500.0	585.1	
56 Benzene	78	3.918	3.918	0.000	95	297255	20.0	21.5	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	77284	20.0	21.6	
58 Isooctane	57	4.015	4.015	0.000	97	265159	20.0	22.1	
72 Isopropyl acetate	43	4.021	4.021	0.000	97	149848	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	138004	20.0	22.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	429028	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	75785	20.0	24.5	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	92	380475	40.0	44.1	
64 Trichloroethene	95	4.568	4.568	0.000	96	83403	20.0	22.9	
63 n-Butanol	43	4.775	4.775	0.000	46	6077	500.0	364.8	
65 Ethyl acrylate	55	4.769	4.769	0.000	74	104535	20.0	23.4	
66 Methylcyclohexane	83	4.775	4.775	0.000	92	139702	20.0	22.9	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	93	66356	20.0	22.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	38	22482	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	92	34151	20.0	21.5	
71 1,4-Dioxane	88	4.976	4.976	0.000	33	12447	400.0	441.7	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	59001	40.0	42.3	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	46686	20.0	22.4	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	86847	20.0	21.5	
75 2-Nitropropane	41	5.378	5.378	0.000	99	19735	40.0	49.3	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	94	26497	20.0	22.1	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	78424	400.0	432.5	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	92	98514	20.0	21.6	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	95	148243	100.0	105.4	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	443041	50.0	46.3	
81 Toluene	91	6.059	6.059	0.000	93	290717	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	75444	20.0	21.4	
83 Ethyl methacrylate	69	6.540	6.540	0.000	87	51853	20.0	20.2	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	37061	20.0	21.2	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	85869	20.0	20.6	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	78835	20.0	21.8	
87 2-Hexanone	43	6.978	6.978	0.000	93	119300	100.0	113.8	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	54641	20.0	20.1	
89 n-Butyl acetate	43	7.203	7.203	0.000	99	42928	20.0	22.8	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	44019	20.0	20.8	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.000	84	360850	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	179204	20.0	20.8	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	56212	20.0	19.3	
94 Ethylbenzene	106	8.164	8.164	0.000	98	112425	20.0	22.1	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	96	129662	20.0	21.7	
96 o-Xylene	106	8.943	8.943	0.000	94	120221	20.0	21.1	
97 Styrene	104	8.973	8.973	0.000	96	203036	20.0	21.1	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	32505	20.0	21.4	
99 Bromoform	173	9.204	9.204	0.000	98	32146	20.0	17.8	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	59376	20.0	22.1	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	353664	20.0	22.8	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	96	194974	50.0	59.1	
103 Camphene	41	9.916	9.916	0.000	94	28160	20.0	24.9	
104 Bromobenzene	156	9.952	9.952	0.000	92	81995	20.0	20.9	
105 1,1,2,2-Tetrachloroethane	83	10.056	10.056	0.000	97	47242	20.0	20.9	
106 1,2,3-Trichloropropane	110	10.080	10.080	0.000	97	14233	20.0	20.3	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	94	12480	20.0	21.0	
108 N-Propylbenzene	91	10.226	10.226	0.000	99	398060	20.0	22.1	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	212572	20.0	21.0	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	325511	20.0	21.2	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	222719	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	248263	20.0	20.7	
113 Butyl Methacrylate	87	10.816	10.816	0.000	87	61270	20.0	21.6	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	249038	20.0	21.1	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	252825	20.0	20.5	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	376649	20.0	21.8	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	150847	20.0	19.8	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	202795	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	152364	20.0	20.1	
120 4-Isopropyltoluene	119	11.631	11.631	0.000	98	311739	20.0	20.7	
121 Benzyl chloride	91	11.820	11.820	0.000	99	109071	20.0	20.4	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	252360	20.0	21.0	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	136331	20.0	20.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	187108	20.0	20.9	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	351975	20.0	22.0	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	92	12709	20.0	20.4	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	275796	20.0	21.8	
133 1,3,5-Trichlorobenzene	180	13.140	13.140	0.000	97	133871	20.0	20.1	
129 Camphor	95	13.603	13.603	0.000	91	30461	100.0	142.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	119544	20.0	20.3	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	83982	20.0	20.1	
132 Naphthalene	128	13.888	13.888	0.000	99	212614	20.0	26.3	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	95	106565	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 135 Xylenes, Total	100				0		40.0	42.8	
S 136 Total BTEX	1				0		100.0	107.4	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

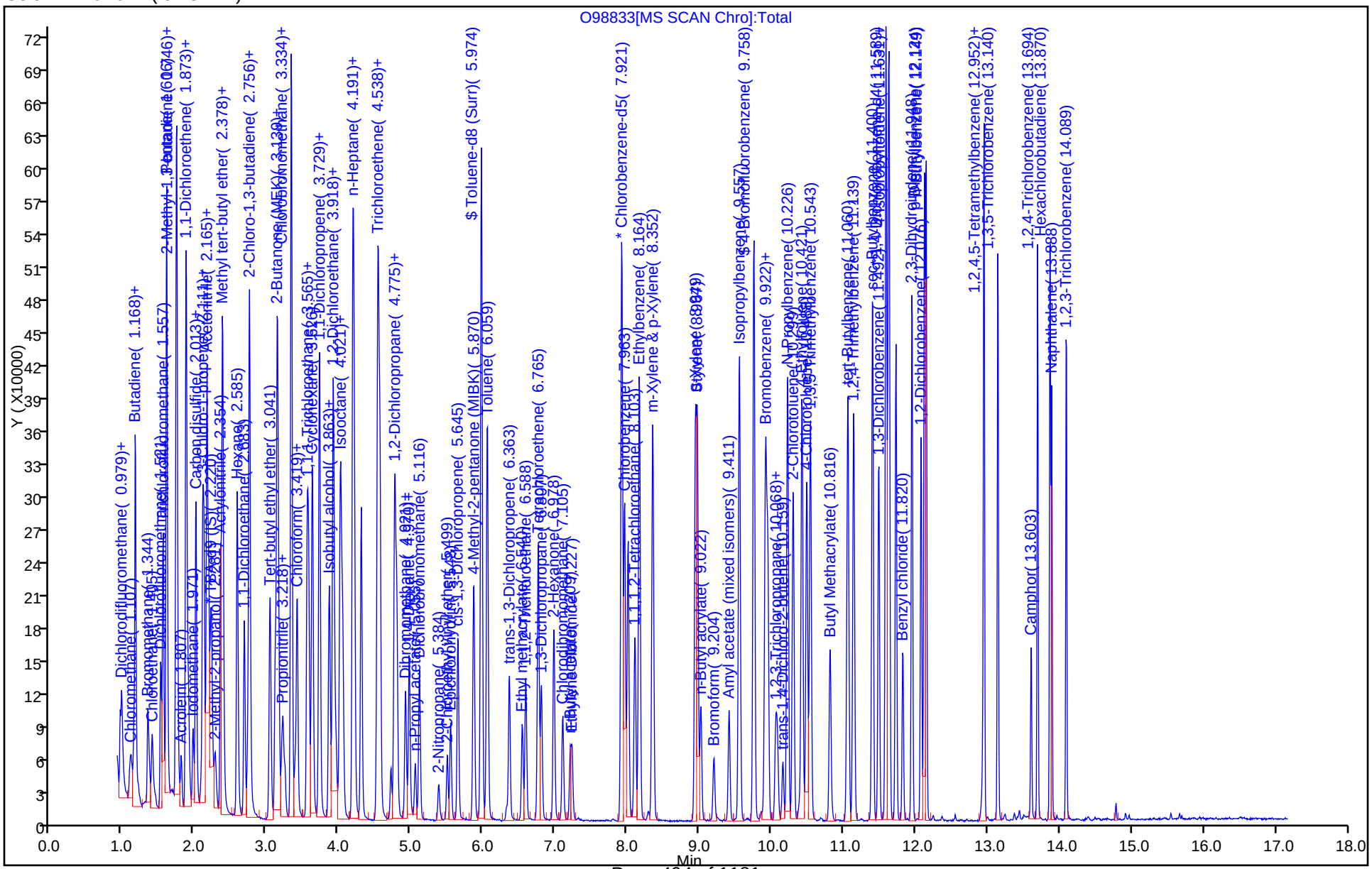
Report Date: 27-May-2015 13:09:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98833.D

Injection Date:	26-May-2015 21:45:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300519/3 Calibration Date: 05/22/2015 20:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B82963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	QuaF		0.4744	0.1000	22.2	20.0	11.0	20.0
Chloromethane	Ave	0.3690	0.3743	0.1000	20.3	20.0	1.4	20.0
Butadiene	Ave	0.3521	0.3641		20.7	20.0	3.4	20.0
Vinyl chloride	Ave	0.4138	0.4512	0.1000	21.8	20.0	9.0	20.0
Bromomethane	Ave	0.3303	0.3574	0.1000	21.6	20.0	8.2	50.0
Chloroethane	Ave	0.2316	0.2486	0.1000	21.5	20.0	7.3	50.0
Dichlorofluoromethane	Ave	0.6455	0.6445		20.0	20.0	-0.2	20.0
Trichlorofluoromethane	Ave	0.5068	0.4661	0.1000	18.4	20.0	-8.0	20.0
Pentane	Ave	0.0393	0.0424		43.2	40.0	8.0	20.0
Ethyl ether	Ave	0.2388	0.2702		22.6	20.0	13.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2514	0.2700		21.5	20.0	7.4	20.0
Ethanol	QuaF	0.0380	0.0379		658	800	-17.8	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2242	0.2669		23.8	20.0	19.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2614	0.2729	0.1000	20.9	20.0	4.4	20.0
Acrolein	QuaF		0.4181		34.8	40.0	-13.1	50.0
1,1-Dichloroethene	Ave	0.2827	0.2940	0.1000	20.8	20.0	4.0	20.0
Acetone	Ave	0.8357	0.7353	0.0500	88.0	100	-12.0	50.0
Iodomethane	Ave	0.4952	0.4933		19.9	20.0	-0.4	20.0
Carbon disulfide	Ave	1.061	1.141	0.1000	21.5	20.0	7.5	50.0
Isopropyl alcohol	Ave	0.5086	0.4720		186	200	-7.2	50.0
Allyl chloride	Ave	0.1610	0.2007		24.9	20.0	24.6*	20.0
Cyclopentene	Ave	0.7653	0.8698		22.7	20.0	13.7	20.0
Methyl acetate	Ave	0.2590	0.2867	0.1000	111	100	10.7	20.0
Acetonitrile	Ave	0.0390	0.0403		207	200	3.5	20.0
Methylene Chloride	Ave	0.3514	0.3594	0.1000	20.5	20.0	2.3	20.0
2-Methyl-2-propanol	Ave	1.276	1.081		169	200	-15.3	50.0
Methyl tert-butyl ether	Ave	0.9515	0.9790	0.1000	20.6	20.0	2.9	20.0
trans-1,2-Dichloroethene	Ave	0.3372	0.3302	0.1000	19.6	20.0	-2.1	20.0
Acrylonitrile	Ave	0.1048	0.1213		232	200	15.8	20.0
Hexane	Ave	0.1317	0.1689		25.6	20.0	28.2*	20.0
Isopropyl ether	Ave	1.013	1.089		21.5	20.0	7.5	20.0
1,1-Dichloroethane	Ave	0.5898	0.6050	0.2000	20.5	20.0	2.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2868	0.2889		20.1	20.0	0.7	20.0
Vinyl acetate	QuaF		0.0248		92.6	40.0	131.5*	20.0
Allyl alcohol	QuaF	0.1273	0.0536		217	500	-56.6*	50.0
Tert-butyl ethyl ether	Ave	1.019	1.037		20.4	20.0	1.8	20.0
2,2-Dichloropropane	QuaF		0.2741		20.4	20.0	2.2	20.0
cis-1,2-Dichloroethene	Ave	0.3707	0.3582	0.1000	19.3	20.0	-3.4	20.0
2-Butanone (MEK)	Ave	0.3723	0.3401	0.0500	91.3	100	-8.7	50.0
Ethyl acetate	Ave	0.3098	0.2954		38.1	40.0	-4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300519/3 Calibration Date: 05/22/2015 20:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B82963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl acrylate	Ave	0.2451	0.2814		23.0	20.0	14.8	20.0
Propionitrile	Ave	1.366	1.343		197	200	-1.7	20.0
Tetrahydrofuran	Ave	0.4416	0.3753		34.0	40.0	-15.0	20.0
Chlorobromomethane	Ave	0.1605	0.1669		20.8	20.0	4.0	20.0
Methacrylonitrile	Ave	0.1229	0.1432		233	200	16.5	20.0
Chloroform	Ave	0.5792	0.5685	0.2000	19.6	20.0	-1.8	20.0
Cyclohexane	Ave	0.3774	0.3919	0.1000	20.8	20.0	3.9	50.0
1,1,1-Trichloroethane	Ave	0.4753	0.4588	0.1000	19.3	20.0	-3.5	20.0
Carbon tetrachloride	Ave	0.3729	0.3693	0.1000	19.8	20.0	-1.0	20.0
1,1-Dichloropropene	Ave	0.3742	0.3958		21.2	20.0	5.8	20.0
2,2,4-Trimethylpentane	QuaF		0.5626		28.3	20.0	41.3*	20.0
Benzene	Ave	1.417	1.537	0.5000	21.7	20.0	8.5	20.0
Isobutyl alcohol	Ave	0.4691	0.4986		531	500	6.3	50.0
Isopropyl acetate	Ave	0.2825	0.2989		21.2	20.0	5.8	20.0
Tert-amyl methyl ether	Ave	1.115	1.161		20.8	20.0	4.1	20.0
1,2-Dichloroethane	Ave	0.4762	0.4517	0.1000	19.0	20.0	-5.1	20.0
n-Heptane	Ave	0.0921	0.1190		25.8	20.0	29.2*	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.4289	0.4494		41.9	40.0	4.8	20.0
Trichloroethene	Ave	0.3101	0.2987	0.2000	19.3	20.0	-3.7	20.0
n-Butanol	QuaF		0.2090		430	500	-14.0	50.0
Methylcyclohexane	Ave	0.3153	0.3411	0.1000	21.6	20.0	8.2	50.0
Ethyl acrylate	Ave	0.3717	0.3828		20.6	20.0	3.0	20.0
1,2-Dichloropropane	Ave	0.3235	0.3501	0.1000	21.6	20.0	8.2	20.0
Dibromomethane	Ave	0.1989	0.1927		19.4	20.0	-3.1	20.0
Methyl methacrylate	QuaF		0.0772		39.2	40.0	-2.1	20.0
1,4-Dioxane	Ave	1.086	1.546		569	400	42.4	50.0
n-Propyl acetate	Ave	0.4113	0.4264		20.7	20.0	3.7	20.0
Dichlorobromomethane	Ave	0.4560	0.4236	0.2000	18.6	20.0	-7.1	20.0
2-Nitropropane	Ave	0.0832	0.0664		31.9	40.0	-20.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.2000	0.2139		21.4	20.0	7.0	20.0
Epichlorohydrin	Ave	0.3113	0.3214		413	400	3.2	20.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5942	0.2000	21.1	20.0	5.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.535	3.346	0.0500	94.7	100	-5.3	50.0
Toluene	Ave	1.423	1.467	0.4000	20.6	20.0	3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4755	0.4922	0.1000	20.7	20.0	3.5	50.0
Ethyl methacrylate	Ave	0.4512	0.5063		22.4	20.0	12.2	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2706	0.1000	19.3	20.0	-3.7	20.0
Tetrachloroethene	Ave	0.2935	0.2753	0.2000	18.8	20.0	-6.2	20.0
1,3-Dichloropropane	Ave	0.5624	0.5428		19.3	20.0	-3.5	20.0
2-Hexanone	Ave	2.203	2.071	0.0500	94.0	100	-6.0	50.0
Chlorodibromomethane	Ave	0.3304	0.3389	0.1000	20.5	20.0	2.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300519/3 Calibration Date: 05/22/2015 20:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B82963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0859	0.0888		20.7	20.0	3.4	20.0
Ethylene Dibromide	Ave	0.3073	0.2857	0.1000	18.6	20.0	-7.0	20.0
Chlorobenzene	Ave	0.9132	0.9278	0.5000	20.3	20.0	1.6	20.0
Ethylbenzene	Ave	0.5201	0.5234	0.1000	20.1	20.0	0.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3536	0.3154		17.8	20.0	-10.8	20.0
m-Xylene & p-Xylene	Ave	0.5996	0.6131	0.1000	20.4	20.0	2.2	20.0
o-Xylene	Ave	0.6364	0.6202	0.3000	19.5	20.0	-2.5	20.0
n-Butyl acrylate	Ave	0.3377	0.3565		21.1	20.0	5.6	20.0
Styrene	Ave	1.051	1.092	0.3000	20.8	20.0	3.9	20.0
Bromoform	Ave	0.2059	0.2094	0.1000	20.3	20.0	1.7	20.0
Amyl acetate (mixed isomers)	Ave	1.341	1.446		21.6	20.0	7.8	20.0
Isopropylbenzene	Ave	1.358	1.406	0.1000	20.7	20.0	3.5	20.0
Camphene	QuaF		0.0945		27.1	20.0	35.6*	20.0
Bromobenzene	Ave	0.7138	0.7011		19.6	20.0	-1.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8003	0.7976	0.3000	19.9	20.0	-0.3	20.0
N-Propylbenzene	Ave	2.811	2.946		21.0	20.0	4.8	20.0
1,2,3-Trichloropropane	Ave	0.2358	0.2220		18.8	20.0	-5.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2460	0.2316		18.8	20.0	-5.9	20.0
2-Chlorotoluene	Ave	2.213	2.267		20.5	20.0	2.5	20.0
4-Ethyltoluene	Ave	2.412	2.466		20.4	20.0	2.2	20.0
1,3,5-Trimethylbenzene	Ave	2.091	2.106		20.2	20.0	0.8	20.0
4-Chlorotoluene	Ave	2.206	2.184		19.8	20.0	-1.0	20.0
Butyl Methacrylate	Ave	0.9720	1.001		20.6	20.0	2.9	20.0
tert-Butylbenzene	Ave	1.443	1.421		19.7	20.0	-1.5	20.0
1,2,4-Trimethylbenzene	Ave	2.125	2.267		21.3	20.0	6.7	20.0
sec-Butylbenzene	Ave	2.090	2.049		19.6	20.0	-1.9	20.0
1,3-Dichlorobenzene	Ave	1.291	1.218	0.6000	18.9	20.0	-5.6	20.0
4-Isopropyltoluene	Ave	1.822	1.772		19.5	20.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.296	1.237	0.5000	19.1	20.0	-4.6	20.0
Benzyl chloride	Ave	1.307	1.481		22.7	20.0	13.3	50.0
Indan	Ave	2.526	2.568		20.3	20.0	1.7	20.0
p-Diethylbenzene	Ave	1.073	1.120		20.9	20.0	4.4	20.0
n-Butylbenzene	Ave	2.036	2.045		20.1	20.0	0.4	20.0
1,2-Dichlorobenzene	Ave	1.271	1.212	0.4000	19.1	20.0	-4.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.805	1.752		19.4	20.0	-2.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1626	0.1055	0.0500	13.0	20.0	-35.1	50.0
1,3,5-Trichlorobenzene	Ave	0.7460	0.6739		18.1	20.0	-9.7	20.0
Camphor	Ave	0.0929	0.0547		58.9	100	-41.1*	20.0
1,2,4-Trichlorobenzene	Ave	0.6713	0.5078	0.2000	15.1	20.0	-24.4*	20.0
Hexachlorobutadiene	QuaF		0.2363		23.9	20.0	19.6	20.0
Naphthalene	Ave	1.757	1.337		15.2	20.0	-23.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300519/3 Calibration Date: 05/22/2015 20:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B82963.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.5136	0.4048		15.8	20.0	-21.2*	20.0
Dibromofluoromethane (Surr)	Ave	0.2524	0.2530		50.1	50.0	0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3368	0.3316		49.2	50.0	-1.5	20.0
Toluene-d8 (Surr)	Ave	1.099	1.164		52.9	50.0	5.9	20.0
4-Bromofluorobenzene	Ave	0.3540	0.3514		49.6	50.0	-0.7	20.0

Report Date: 26-May-2015 11:13:22 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82963.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-May-2015 20:54:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0027742-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 11:13:20 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: tupayachia Date: 23-May-2015 19:24:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.093	0.000	86	14449	20.0	17.4	
2 Dichlorodifluoromethane	85	1.109	1.109	0.000	98	114675	20.0	22.2	
3 Chloromethane	50	1.232	1.232	0.000	98	90486	20.0	20.3	
5 Butadiene	54	1.315	1.315	0.000	90	88015	20.0	20.7	
4 Vinyl chloride	62	1.315	1.315	0.000	97	109074	20.0	21.8	
6 Bromomethane	94	1.553	1.553	0.000	97	86406	20.0	21.6	
7 Chloroethane	64	1.611	1.611	0.000	99	60089	20.0	21.5	
9 Dichlorofluoromethane	67	1.784	1.784	0.000	98	155798	20.0	20.0	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	61	112687	20.0	18.4	
8 Pentane	72	1.809	1.809	0.000	95	20520	40.0	43.2	
11 Ethyl ether	59	1.990	1.990	0.000	89	65310	20.0	22.6	
12 Ethanol	46	1.998	1.998	0.000	45	11200	800.0	657.5	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	65263	20.0	21.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.055	0.000	88	64526	20.0	23.8	
15 Acrolein	56	2.171	2.171	0.000	29	6174	40.0	34.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	46	65972	20.0	20.9	
17 1,1-Dichloroethene	96	2.179	2.179	0.000	98	71085	20.0	20.8	
18 Acetone	43	2.278	2.278	0.000	87	86209	100.0	88.0	
19 Iodomethane	142	2.311	2.311	0.000	99	119242	20.0	19.9	
20 Carbon disulfide	76	2.327	2.327	0.000	99	275723	20.0	21.5	
21 Isopropyl alcohol	45	2.401	2.401	0.000	59	34847	200.0	185.6	M
22 3-Chloro-1-propene	76	2.483	2.483	0.000	41	48511	20.0	24.9	
23 Cyclopentene	67	2.492	2.492	0.000	86	210283	20.0	22.7	
24 Methyl acetate	43	2.516	2.516	0.000	99	346558	100.0	110.7	
25 Acetonitrile	41	2.574	2.574	0.000	97	97500	200.0	207.1	
26 Methylene Chloride	84	2.615	2.615	0.000	91	86895	20.0	20.5	
* 27 TBA-d9 (IS)	65	2.656	2.656	0.000	86	369159	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.739	2.739	0.000	90	79792	200.0	169.3	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	96	236666	20.0	20.6	
30 trans-1,2-Dichloroethene	96	2.796	2.796	0.000	96	79824	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.887	0.000	97	293350	200.0	231.6	
32 Hexane	43	2.969	2.969	0.000	90	40823	20.0	25.6	
34 Isopropyl ether	45	3.208	3.208	0.000	96	263337	20.0	21.5	
33 1,1-Dichloroethane	63	3.216	3.216	0.000	99	146267	20.0	20.5	
35 2-Chloro-1,3-butadiene	88	3.257	3.257	0.000	92	69832	20.0	20.1	
36 Vinyl acetate	86	3.265	3.265	0.000	89	11966	40.0	92.6	
37 Allyl alcohol	57	3.331	3.331	0.000	64	9888	500.0	216.8	
38 Tert-butyl ethyl ether	59	3.545	3.545	0.000	88	250796	20.0	20.4	
39 2,2-Dichloropropane	41	3.751	3.751	0.000	64	66268	20.0	20.4	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	92	293122	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.775	3.775	0.000	95	86592	20.0	19.3	
41 2-Butanone (MEK)	72	3.808	3.808	0.000	96	39874	100.0	91.3	
42 Ethyl acetate	70	3.825	3.825	0.000	93	13853	40.0	38.1	
43 Methyl acrylate	55	3.882	3.882	0.000	97	68025	20.0	23.0	
44 Propionitrile	54	3.965	3.965	0.000	96	99166	200.0	196.7	
46 Tetrahydrofuran	72	4.006	4.006	0.000	67	17603	40.0	34.0	
45 Chlorobromomethane	128	4.022	4.022	0.000	90	40357	20.0	20.8	
47 Methacrylonitrile	67	4.063	4.063	0.000	89	346062	200.0	232.9	
48 Chloroform	83	4.105	4.105	0.000	98	137426	20.0	19.6	
49 Cyclohexane	84	4.195	4.195	0.000	90	94738	20.0	20.8	
50 1,1,1-Trichloroethane	97	4.236	4.236	0.000	96	110907	20.0	19.3	
$ 51 Dibromofluoromethane (Surr	113	4.277	4.277	0.000	92	152915	50.0	50.1	
52 Carbon tetrachloride	117	4.360	4.360	0.000	89	89289	20.0	19.8	
53 1,1-Dichloropropene	75	4.409	4.409	0.000	97	95692	20.0	21.2	
54 Isooctane	57	4.598	4.598	0.000	92	135997	20.0	28.3	
55 Benzene	78	4.623	4.623	0.000	96	328426	20.0	21.7	
56 Isobutyl alcohol	43	4.656	4.656	0.000	40	92028	500.0	531.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.656	0.000	96	200406	50.0	49.2	
59 Isopropyl acetate	87	4.730	4.730	0.000	33	72269	20.0	21.2	
58 Tert-amyl methyl ether	73	4.730	4.730	0.000	92	280573	20.0	20.8	
60 1,2-Dichloroethane	62	4.747	4.747	0.000	96	109205	20.0	19.0	
61 n-Heptane	57	4.837	4.837	0.000	83	28775	20.0	25.8	
* 62 Fluorobenzene	96	4.969	4.969	0.000	99	604375	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	95	217279	40.0	41.9	
64 Trichloroethene	95	5.380	5.380	0.000	95	72199	20.0	19.3	
65 n-Butanol	56	5.446	5.446	0.000	82	38573	500.0	430.2	
66 Methylcyclohexane	83	5.512	5.512	0.000	96	82463	20.0	21.6	
67 Ethyl acrylate	55	5.594	5.594	0.000	97	92535	20.0	20.6	
68 1,2-Dichloropropane	63	5.718	5.718	0.000	92	84647	20.0	21.6	
* 69 1,4-Dioxane-d8	96	5.825	5.825	0.000	94	29739	1000.0	1000.0	
70 Dibromomethane	93	5.874	5.874	0.000	54	46591	20.0	19.4	
72 Methyl methacrylate	100	5.882	5.882	0.000	90	37336	40.0	39.2	
71 1,4-Dioxane	88	5.890	5.890	0.000	28	18388	400.0	569.4	M
73 n-Propyl acetate	43	5.965	5.965	0.000	98	103082	20.0	20.7	
74 Dichlorobromomethane	83	6.088	6.088	0.000	99	102402	20.0	18.6	
75 2-Nitropropane	41	6.508	6.508	0.000	95	32104	40.0	31.9	
76 2-Chloroethyl vinyl ether	63	6.541	6.541	0.000	94	51711	20.0	21.4	
77 Epichlorohydrin	57	6.648	6.648	0.000	98	150753	400.0	413.0	
78 cis-1,3-Dichloropropene	75	6.697	6.697	0.000	91	126990	20.0	21.1	
79 4-Methyl-2-pentanone (MIBK	43	6.919	6.919	0.000	96	392343	100.0	94.7	
$ 80 Toluene-d8 (Surr)	98	6.960	6.960	0.000	99	621978	50.0	52.9	
81 Toluene	91	7.043	7.043	0.000	93	313407	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.438	7.438	0.000	94	105177	20.0	20.7	
83 Ethyl methacrylate	69	7.495	7.495	0.000	90	108195	20.0	22.4	
84 1,1,2-Trichloroethane	83	7.627	7.627	0.000	91	57833	20.0	19.3	
85 Tetrachloroethene	166	7.635	7.635	0.000	90	58844	20.0	18.8	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	95	116000	20.0	19.3	
87 2-Hexanone	43	7.899	7.899	0.000	96	242878	100.0	94.0	
88 Chlorodibromomethane	129	8.006	8.006	0.000	97	72429	20.0	20.5	
89 n-Butyl acetate	73	8.022	8.022	0.000	99	18979	20.0	20.7	
90 Ethylene Dibromide	107	8.121	8.121	0.000	100	61064	20.0	18.6	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	89	534276	50.0	50.0	
92 Chlorobenzene	112	8.598	8.598	0.000	92	198272	20.0	20.3	
93 Ethylbenzene	106	8.680	8.680	0.000	98	111851	20.0	20.1	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.697	0.000	94	67401	20.0	17.8	
95 m-Xylene & p-Xylene	106	8.804	8.804	0.000	97	131025	20.0	20.4	
96 o-Xylene	106	9.174	9.174	0.000	92	132544	20.0	19.5	
97 n-Butyl acrylate	73	9.191	9.191	0.000	99	76181	20.0	21.1	
98 Styrene	104	9.207	9.207	0.000	96	233459	20.0	20.8	
99 Bromoform	173	9.388	9.388	0.000	94	44742	20.0	20.3	
100 Amyl acetate (mixed isomer	43	9.396	9.396	0.000	89	171369	20.0	21.6	
101 Isopropylbenzene	105	9.503	9.503	0.000	96	300373	20.0	20.7	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	87	187751	50.0	49.6	
103 Camphene	41	9.684	9.684	0.000	93	20193	20.0	27.1	
104 Bromobenzene	156	9.791	9.791	0.000	96	83091	20.0	19.6	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	99	94528	20.0	19.9	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	349141	20.0	21.0	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	98	26310	20.0	18.8	
108 trans-1,4-Dichloro-2-buten	53	9.907	9.907	0.000	76	27446	20.0	18.8	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	268723	20.0	20.5	
110 4-Ethyltoluene	105	9.964	9.964	0.000	97	292223	20.0	20.4	
111 1,3,5-Trimethylbenzene	105	10.022	10.022	0.000	91	249655	20.0	20.2	
112 4-Chlorotoluene	91	10.055	10.055	0.000	97	258897	20.0	19.8	
113 Butyl Methacrylate	87	10.121	10.121	0.000	90	118587	20.0	20.6	
114 tert-Butylbenzene	119	10.277	10.277	0.000	92	168418	20.0	19.7	
115 1,2,4-Trimethylbenzene	105	10.335	10.335	0.000	97	268648	20.0	21.3	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	242826	20.0	19.6	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	83	144385	20.0	18.9	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	210070	20.0	19.5	
* 119 1,4-Dichlorobenzene-d4	152	10.647	10.647	0.000	96	296305	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.664	10.664	0.000	93	146570	20.0	19.1	
121 Benzyl chloride	91	10.787	10.787	0.000	98	175562	20.0	22.7	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	95	304368	20.0	20.3	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	132691	20.0	20.9	
124 n-Butylbenzene	91	10.911	10.911	0.000	97	242402	20.0	20.1	
125 1,2-Dichlorobenzene	146	10.968	10.968	0.000	95	143611	20.0	19.1	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	97	207605	20.0	19.4	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	92	12504	20.0	13.0	
128 1,3,5-Trichlorobenzene	180	11.709	11.709	0.000	96	79870	20.0	18.1	
129 Camphor	95	12.120	12.120	0.000	91	32412	100.0	58.9	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	92	60184	20.0	15.1	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	94	28006	20.0	23.9	
132 Naphthalene	128	12.400	12.400	0.000	99	158418	20.0	15.2	
133 1,2,3-Trichlorobenzene	180	12.606	12.606	0.000	91	47980	20.0	15.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 135 Xylenes, Total	100				0		40.0	39.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-May-2015 11:13:23 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82963.D

Injection Date: 22-May-2015 20:54:30 Instrument ID: CVOAMS2 Operator ID:

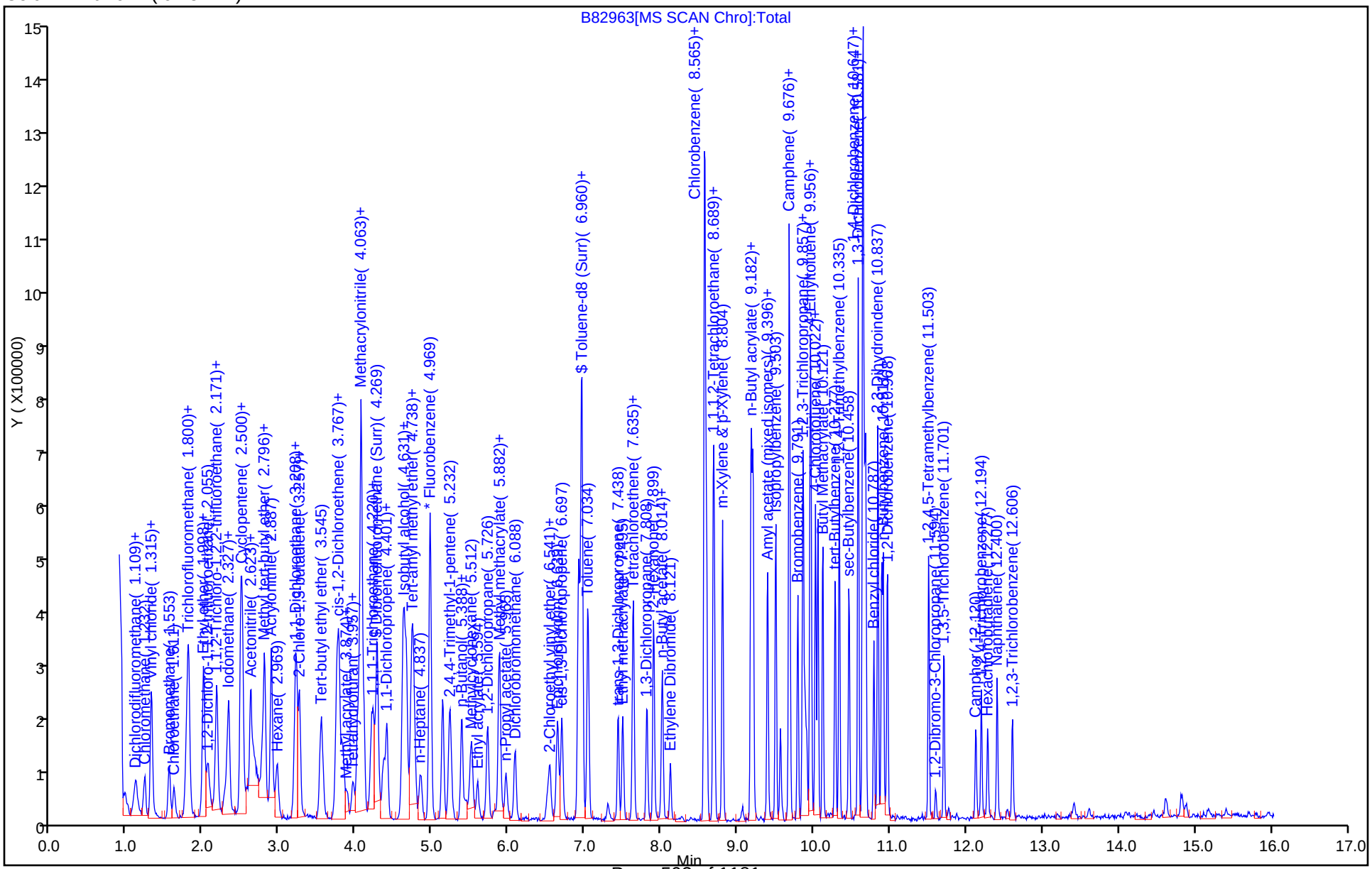
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

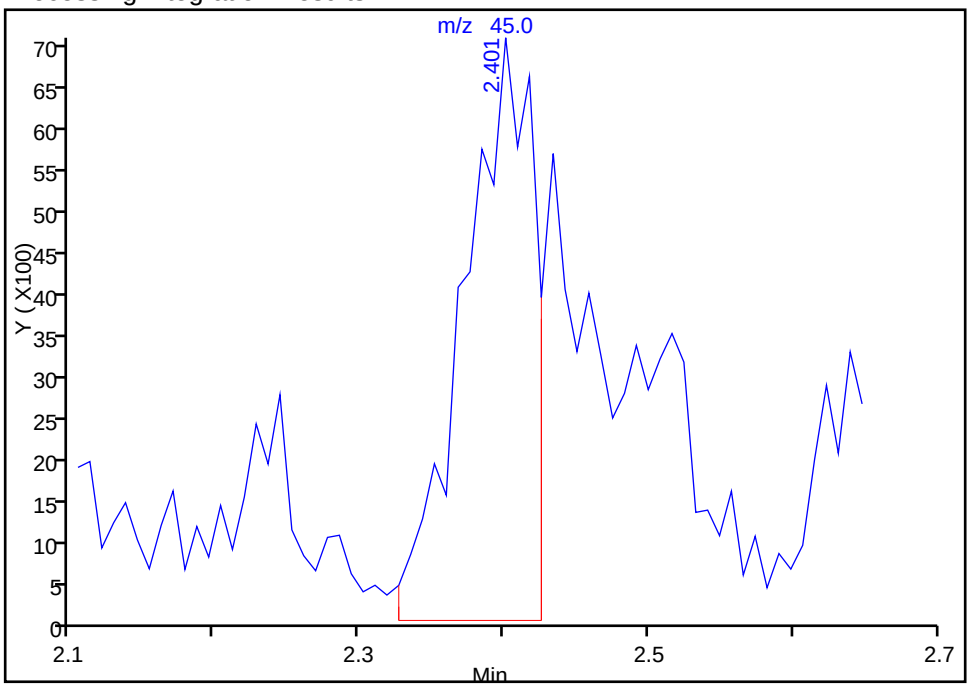
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82963.D
Injection Date: 22-May-2015 20:54:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 Isopropyl alcohol, CAS: 67-63-0

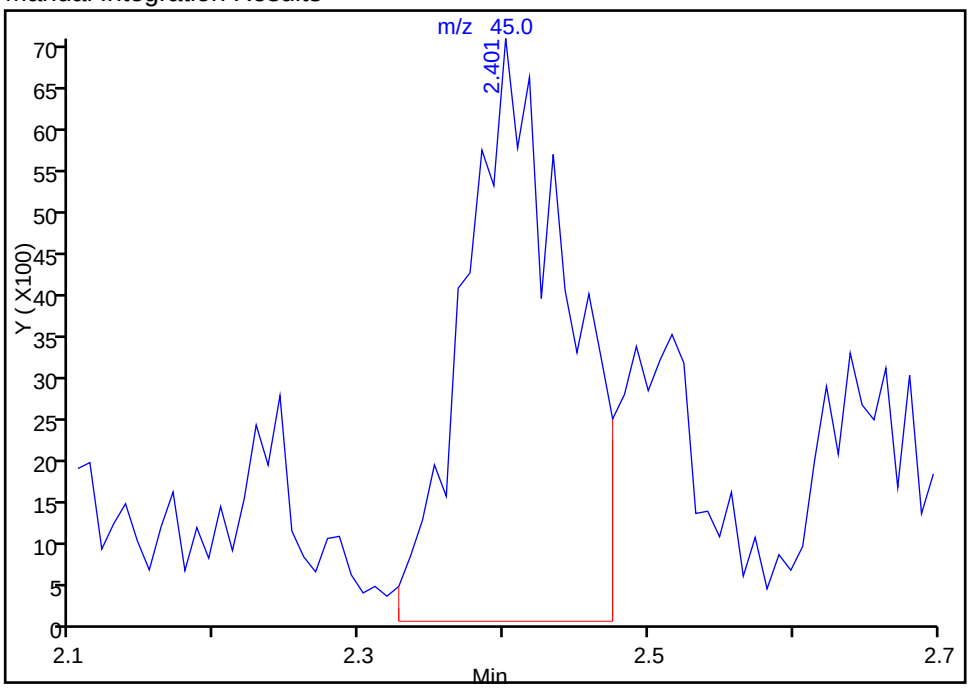
Processing Integration Results

RT: 2.40
Area: 23795
Amount: 126.7383
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 34847
Amount: 185.6041
Amount Units: ug/l



Reviewer: delpolitov, 26-May-2015 11:13:20
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

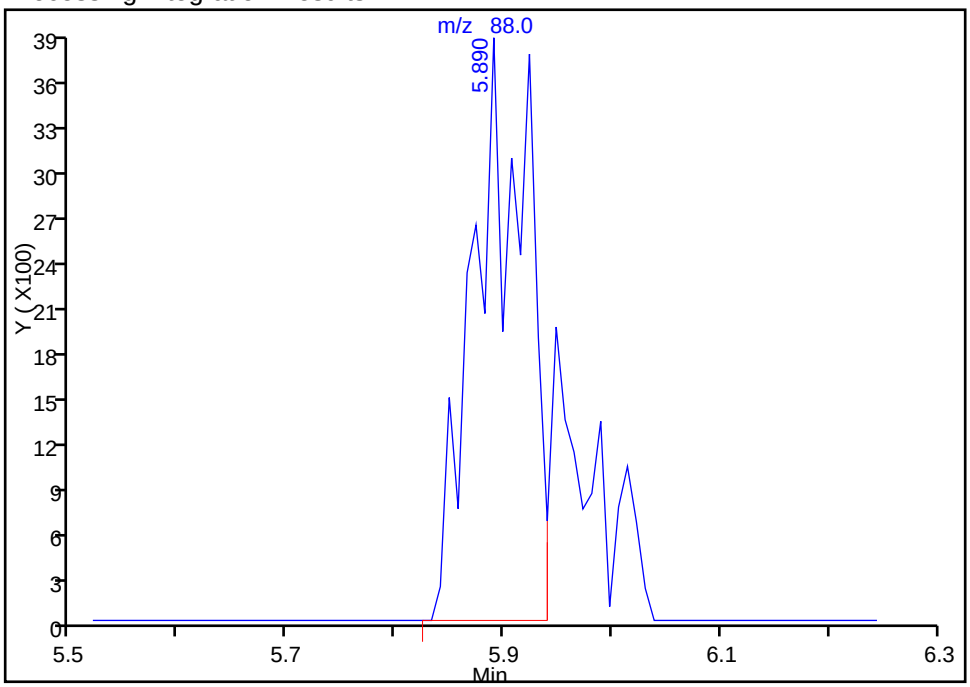
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82963.D
Injection Date: 22-May-2015 20:54:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

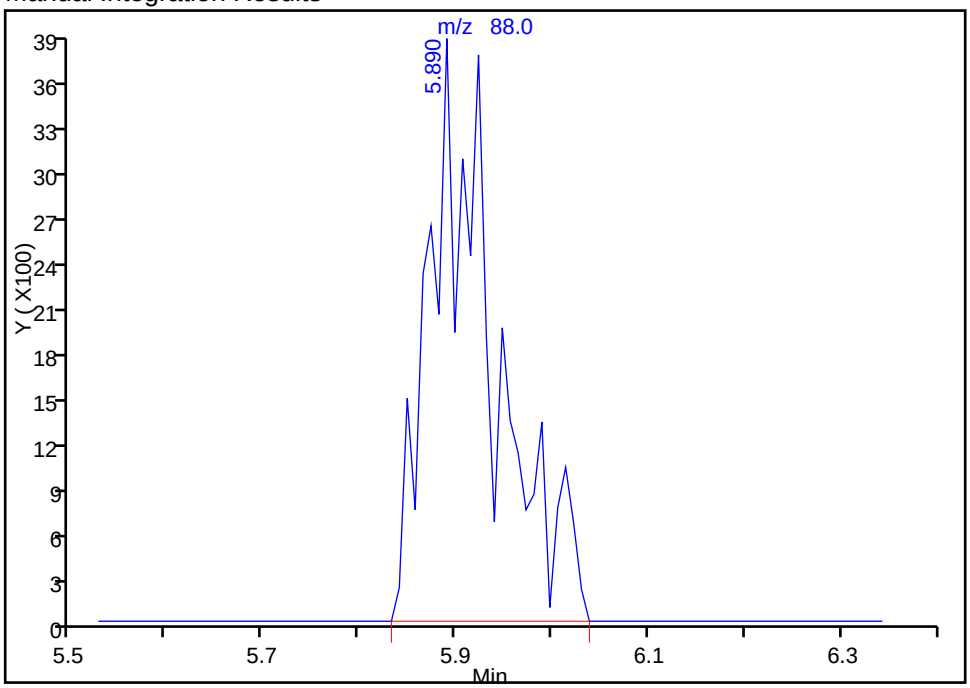
Processing Integration Results

RT: 5.89
Area: 13404
Amount: 363.3670
Amount Units: ug/l



Manual Integration Results

RT: 5.89
Area: 18388
Amount: 569.4156
Amount Units: ug/l



Reviewer: delpolitov, 26-May-2015 11:13:20
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300803/3 Calibration Date: 05/26/2015 09:38

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83020.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0685	0.0692		20.2	20.0	1.0	20.0
Dichlorodifluoromethane	QuaF		0.5210	0.1000	24.4	20.0	22.0*	20.0
Chloromethane	Ave	0.3690	0.3900	0.1000	21.1	20.0	5.7	20.0
Butadiene	Ave	0.3521	0.4214		23.9	20.0	19.7	20.0
Vinyl chloride	Ave	0.4138	0.4805	0.1000	23.2	20.0	16.1	20.0
Bromomethane	Ave	0.3303	0.3603	0.1000	21.8	20.0	9.1	50.0
Chloroethane	Ave	0.2316	0.2643	0.1000	22.8	20.0	14.1	50.0
Trichlorofluoromethane	Ave	0.5068	0.5505	0.1000	21.7	20.0	8.6	20.0
Dichlorofluoromethane	Ave	0.6455	0.7396		22.9	20.0	14.6	20.0
Pentane	Ave	0.0393	0.0538		54.7	40.0	36.9*	20.0
Ethyl ether	Ave	0.2388	0.2637		22.1	20.0	10.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2514	0.2904		23.1	20.0	15.5	20.0
Ethanol	QuaF	0.0380	0.0458		795	800	-0.6	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2242	0.2667		23.8	20.0	19.0	20.0
Acrolein	QuaF		0.5473		45.6	40.0	13.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2614	0.3064	0.1000	23.4	20.0	17.2	20.0
1,1-Dichloroethene	Ave	0.2827	0.3331	0.1000	23.6	20.0	17.8	20.0
Acetone	Ave	0.8357	0.7227	0.0500	86.5	100	-13.5	50.0
Iodomethane	Ave	0.4952	0.5422		21.9	20.0	9.5	20.0
Carbon disulfide	Ave	1.061	1.267	0.1000	23.9	20.0	19.5	50.0
Isopropyl alcohol	Ave	0.5086	0.4722		186	200	-7.2	50.0
Allyl chloride	Ave	0.1610	0.2291		28.5	20.0	42.3*	20.0
Cyclopentene	Ave	0.7653	0.9762		25.5	20.0	27.6*	20.0
Methyl acetate	Ave	0.2590	0.2759	0.1000	107	100	6.5	20.0
Acetonitrile	Ave	0.0390	0.0398		204	200	2.1	20.0
Methylene Chloride	Ave	0.3514	0.3683	0.1000	21.0	20.0	4.8	20.0
2-Methyl-2-propanol	Ave	1.276	1.167		183	200	-8.6	50.0
Methyl tert-butyl ether	Ave	0.9515	1.011	0.1000	21.2	20.0	6.2	20.0
trans-1,2-Dichloroethene	Ave	0.3372	0.3567	0.1000	21.2	20.0	5.8	20.0
Acrylonitrile	Ave	0.1048	0.1194		228	200	14.0	20.0
Hexane	Ave	0.1317	0.1765		26.8	20.0	34.0*	20.0
1,1-Dichloroethane	Ave	0.5898	0.6354	0.2000	21.5	20.0	7.7	20.0
Isopropyl ether	Ave	1.013	1.116		22.0	20.0	10.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2868	0.3191		22.3	20.0	11.3	20.0
Vinyl acetate	QuaF		0.0227		84.9	40.0	112.3*	20.0
Allyl alcohol	QuaF	0.1273	0.0938		378	500	-24.4	50.0
Tert-butyl ethyl ether	Ave	1.019	1.093		21.4	20.0	7.2	20.0
2,2-Dichloropropane	QuaF		0.3189		23.8	20.0	19.0	20.0
cis-1,2-Dichloroethene	Ave	0.3707	0.3880	0.1000	20.9	20.0	4.7	20.0
2-Butanone (MEK)	Ave	0.3723	0.3419	0.0500	91.8	100	-8.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300803/3 Calibration Date: 05/26/2015 09:38

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83020.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3098	0.3284		42.4	40.0	6.0	20.0
Methyl acrylate	Ave	0.2451	0.2707		22.1	20.0	10.4	20.0
Propionitrile	Ave	1.366	1.457		213	200	6.7	20.0
Tetrahydrofuran	Ave	0.4416	0.4651		42.1	40.0	5.3	20.0
Chlorobromomethane	Ave	0.1605	0.1544		19.2	20.0	-3.8	20.0
Methacrylonitrile	Ave	0.1229	0.1407		229	200	14.4	20.0
Chloroform	Ave	0.5792	0.6055	0.2000	20.9	20.0	4.5	20.0
Cyclohexane	Ave	0.3774	0.4253	0.1000	22.5	20.0	12.7	50.0
1,1,1-Trichloroethane	Ave	0.4753	0.5133	0.1000	21.6	20.0	8.0	20.0
Carbon tetrachloride	Ave	0.3729	0.4193	0.1000	22.5	20.0	12.4	20.0
1,1-Dichloropropene	Ave	0.3742	0.4183		22.4	20.0	11.8	20.0
2,2,4-Trimethylpentane	QuaF		0.6571		33.0	20.0	65.0*	20.0
Benzene	Ave	1.417	1.520	0.5000	21.5	20.0	7.3	20.0
Isobutyl alcohol	Ave	0.4691	0.5174		551	500	10.3	50.0
Isopropyl acetate	Ave	0.2825	0.2958		20.9	20.0	4.7	20.0
Tert-amyl methyl ether	Ave	1.115	1.199		21.5	20.0	7.6	20.0
1,2-Dichloroethane	Ave	0.4762	0.4669	0.1000	19.6	20.0	-2.0	20.0
n-Heptane	Ave	0.0921	0.1279		27.8	20.0	38.9*	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.4289	0.5518		51.5	40.0	28.7*	20.0
Trichloroethene	Ave	0.3101	0.3270	0.2000	21.1	20.0	5.5	20.0
n-Butanol	QuaF		0.2090		430	500	-13.9	50.0
Methylcyclohexane	Ave	0.3153	0.3902	0.1000	24.7	20.0	23.7	50.0
Ethyl acrylate	Ave	0.3717	0.3819		20.5	20.0	2.7	20.0
1,2-Dichloropropane	Ave	0.3235	0.3469	0.1000	21.4	20.0	7.2	20.0
1,4-Dioxane	Ave	1.086	1.251		461	400	15.2	50.0
Dibromomethane	Ave	0.1989	0.1977		19.9	20.0	-0.6	20.0
Methyl methacrylate	QuaF		0.0856		43.4	40.0	8.6	20.0
n-Propyl acetate	Ave	0.4113	0.4109		20.0	20.0	-0.1	20.0
Dichlorobromomethane	Ave	0.4560	0.4365	0.2000	19.1	20.0	-4.3	20.0
2-Nitropropane	Ave	0.0832	0.0808		38.9	40.0	-2.8	20.0
2-Chloroethyl vinyl ether	Ave	0.2000	0.1979		19.8	20.0	-1.0	20.0
Epichlorohydrin	Ave	0.3113	0.3354		431	400	7.7	20.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5878	0.2000	20.9	20.0	4.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.535	3.476	0.0500	98.3	100	-1.7	50.0
Toluene	Ave	1.423	1.530	0.4000	21.5	20.0	7.5	20.0
trans-1,3-Dichloropropene	Ave	0.4755	0.5003	0.1000	21.0	20.0	5.2	50.0
Ethyl methacrylate	Ave	0.4512	0.4918		21.8	20.0	9.0	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2798	0.1000	19.9	20.0	-0.4	20.0
Tetrachloroethene	Ave	0.2935	0.3221	0.2000	21.9	20.0	9.7	20.0
1,3-Dichloropropane	Ave	0.5624	0.5350		19.0	20.0	-4.9	20.0
2-Hexanone	Ave	2.203	2.072	0.0500	94.1	100	-5.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300803/3 Calibration Date: 05/26/2015 09:38

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83020.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3304	0.3118	0.1000	18.9	20.0	-5.6	50.0
n-Butyl acetate	Ave	0.0859	0.0804		18.7	20.0	-6.4	20.0
Ethylene Dibromide	Ave	0.3073	0.3024	0.1000	19.7	20.0	-1.6	20.0
Chlorobenzene	Ave	0.9132	0.9370	0.5000	20.5	20.0	2.6	20.0
Ethylbenzene	Ave	0.5201	0.5322	0.1000	20.5	20.0	2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3536	0.3104		17.6	20.0	-12.2	20.0
m-Xylene & p-Xylene	Ave	0.5996	0.6186	0.1000	20.6	20.0	3.2	20.0
o-Xylene	Ave	0.6364	0.6553	0.3000	20.6	20.0	3.0	20.0
n-Butyl acrylate	Ave	0.3377	0.3481		20.6	20.0	3.1	20.0
Styrene	Ave	1.051	1.157	0.3000	22.0	20.0	10.1	20.0
Amyl acetate (mixed isomers)	Ave	1.341	1.372		20.5	20.0	2.3	20.0
Bromoform	Ave	0.2059	0.2000	0.1000	19.4	20.0	-2.9	20.0
Isopropylbenzene	Ave	1.358	1.451	0.1000	21.4	20.0	6.9	20.0
Camphene	QuaF		0.0984		28.2	20.0	41.1*	20.0
Bromobenzene	Ave	0.7138	0.6762		18.9	20.0	-5.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8003	0.7639	0.3000	19.1	20.0	-4.5	20.0
N-Propylbenzene	Ave	2.811	3.062		21.8	20.0	8.9	20.0
1,2,3-Trichloropropane	Ave	0.2358	0.1948		16.5	20.0	-17.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2460	0.2355		19.1	20.0	-4.3	20.0
2-Chlorotoluene	Ave	2.213	2.189		19.8	20.0	-1.1	20.0
4-Ethyltoluene	Ave	2.412	2.561		21.2	20.0	6.2	20.0
1,3,5-Trimethylbenzene	Ave	2.091	2.100		20.1	20.0	0.4	20.0
4-Chlorotoluene	Ave	2.206	2.181		19.8	20.0	-1.1	20.0
Butyl Methacrylate	Ave	0.9720	0.9789		20.1	20.0	0.7	20.0
tert-Butylbenzene	Ave	1.443	1.475		20.4	20.0	2.2	20.0
1,2,4-Trimethylbenzene	Ave	2.125	2.219		20.9	20.0	4.4	20.0
sec-Butylbenzene	Ave	2.090	2.181		20.9	20.0	4.4	20.0
1,3-Dichlorobenzene	Ave	1.291	1.170	0.6000	18.1	20.0	-9.3	20.0
4-Isopropyltoluene	Ave	1.822	1.834		20.1	20.0	0.6	20.0
1,4-Dichlorobenzene	Ave	1.296	1.241	0.5000	19.1	20.0	-4.3	20.0
Benzyl chloride	Ave	1.307	1.494		22.9	20.0	14.3	50.0
Indan	Ave	2.526	2.413		19.1	20.0	-4.4	20.0
p-Diethylbenzene	Ave	1.073	1.124		21.0	20.0	4.8	20.0
n-Butylbenzene	Ave	2.036	2.177		21.4	20.0	6.9	20.0
1,2-Dichlorobenzene	Ave	1.271	1.230	0.4000	19.4	20.0	-3.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.805	1.826		20.2	20.0	1.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1626	0.0974	0.0500	12.0	20.0	-40.1	50.0
1,3,5-Trichlorobenzene	Ave	0.7460	0.6662		17.9	20.0	-10.7	20.0
Camphor	Ave	0.0929	0.0636		68.4	100	-31.6*	20.0
1,2,4-Trichlorobenzene	Ave	0.6713	0.5396	0.2000	16.1	20.0	-19.6	20.0
Hexachlorobutadiene	QuaF		0.3075		31.0	20.0	55.1*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300803/3 Calibration Date: 05/26/2015 09:38

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83020.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.757	1.713		19.5	20.0	-2.5	50.0
1,2,3-Trichlorobenzene	Ave	0.5136	0.5607		21.8	20.0	9.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2524	0.2757		54.6	50.0	9.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3368	0.3215		47.7	50.0	-4.5	20.0
Toluene-d8 (Surr)	Ave	1.099	1.163		52.9	50.0	5.8	20.0
4-Bromofluorobenzene	Ave	0.3540	0.3526		49.8	50.0	-0.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83020.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 09:38:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0027798-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 19:22:10 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 19:22:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.109	1.109	0.000	81	16487	20.0	20.2	
2 Dichlorodifluoromethane	85	1.125	1.125	0.000	99	124141	20.0	24.4	
3 Chloromethane	50	1.232	1.232	0.000	98	92924	20.0	21.1	
5 Butadiene	54	1.315	1.315	0.000	91	100409	20.0	23.9	
4 Vinyl chloride	62	1.323	1.323	0.000	97	114497	20.0	23.2	
6 Bromomethane	94	1.553	1.553	0.000	98	85850	20.0	21.8	
7 Chloroethane	64	1.619	1.619	0.000	99	62973	20.0	22.8	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	57	131167	20.0	21.7	
9 Dichlorofluoromethane	67	1.792	1.792	0.000	96	176216	20.0	22.9	
8 Pentane	72	1.808	1.808	0.000	97	25618	40.0	54.7	
11 Ethyl ether	59	1.990	1.990	0.000	83	62825	20.0	22.1	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	94	69196	20.0	23.1	
12 Ethanol	46	2.006	2.006	0.000	56	13488	800.0	794.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.072	2.072	0.000	96	63551	20.0	23.8	
15 Acrolein	56	2.162	2.162	0.000	27	8057	40.0	45.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.179	2.179	0.000	46	73002	20.0	23.4	
17 1,1-Dichloroethene	96	2.179	2.179	0.000	99	79356	20.0	23.6	
18 Acetone	43	2.278	2.278	0.000	86	80562	100.0	86.5	
19 Iodomethane	142	2.311	2.311	0.000	98	129198	20.0	21.9	
20 Carbon disulfide	76	2.335	2.335	0.000	99	302002	20.0	23.9	
21 Isopropyl alcohol	45	2.393	2.393	0.000	62	34759	200.0	185.7	
22 3-Chloro-1-propene	76	2.492	2.492	0.000	47	54577	20.0	28.5	
23 Cyclopentene	67	2.492	2.492	0.000	85	232605	20.0	25.5	
24 Methyl acetate	43	2.508	2.508	0.000	98	328654	100.0	106.5	
25 Acetonitrile	41	2.566	2.566	0.000	96	94790	200.0	204.3	
26 Methylene Chloride	84	2.615	2.615	0.000	93	87759	20.0	21.0	
* 27 TBA-d9 (IS)	65	2.656	2.656	0.000	85	368055	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.722	2.722	0.000	50	85870	200.0	182.8	
29 Methyl tert-butyl ether	73	2.788	2.788	0.000	88	240799	20.0	21.2	
30 trans-1,2-Dichloroethene	96	2.804	2.804	0.000	97	84988	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.887	0.000	95	284574	200.0	228.0	
32 Hexane	43	2.961	2.961	0.000	90	42052	20.0	26.8	
34 Isopropyl ether	45	3.208	3.208	0.000	96	265977	20.0	22.0	
33 1,1-Dichloroethane	63	3.208	3.208	0.000	89	151402	20.0	21.5	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	91	76042	20.0	22.3	
36 Vinyl acetate	86	3.257	3.257	0.000	95	10807	40.0	84.9	
37 Allyl alcohol	57	3.323	3.323	0.000	13	17270	500.0	377.8	
38 Tert-butyl ethyl ether	59	3.545	3.545	0.000	88	260466	20.0	21.4	
39 2,2-Dichloropropane	41	3.734	3.734	0.000	67	75991	20.0	23.8	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	93	278699	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	96	92449	20.0	20.9	
41 2-Butanone (MEK)	72	3.800	3.800	0.000	88	38116	100.0	91.8	
42 Ethyl acetate	70	3.825	3.825	0.000	48	14643	40.0	42.4	
43 Methyl acrylate	55	3.874	3.874	0.000	99	64497	20.0	22.1	
44 Propionitrile	54	3.956	3.956	0.000	96	107239	200.0	213.3	
46 Tetrahydrofuran	72	3.998	3.998	0.000	78	20739	40.0	42.1	
45 Chlorobromomethane	128	4.014	4.014	0.000	91	36793	20.0	19.2	
47 Methacrylonitrile	67	4.055	4.055	0.000	90	335156	200.0	228.9	
48 Chloroform	83	4.096	4.096	0.000	99	144270	20.0	20.9	
49 Cyclohexane	84	4.195	4.195	0.000	92	101340	20.0	22.5	
50 1,1,1-Trichloroethane	97	4.236	4.236	0.000	92	122305	20.0	21.6	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	94	164208	50.0	54.6	
52 Carbon tetrachloride	117	4.351	4.351	0.000	97	99903	20.0	22.5	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	98	99673	20.0	22.4	
54 Isooctane	57	4.607	4.607	0.000	96	156575	20.0	33.0	
55 Benzene	78	4.615	4.615	0.000	96	327530	20.0	21.5	
56 Isobutyl alcohol	43	4.631	4.631	0.000	53	95213	500.0	551.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	95	191518	50.0	47.7	
59 Isopropyl acetate	87	4.722	4.722	0.000	65	70475	20.0	20.9	
58 Tert-amyl methyl ether	73	4.730	4.730	0.000	94	285618	20.0	21.5	
60 1,2-Dichloroethane	62	4.738	4.738	0.000	94	111240	20.0	19.6	
61 n-Heptane	57	4.837	4.837	0.000	90	30481	20.0	27.8	
* 62 Fluorobenzene	96	4.960	4.960	0.000	99	595676	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	95	262954	40.0	51.5	
64 Trichloroethene	95	5.372	5.372	0.000	96	77913	20.0	21.1	
65 n-Butanol	56	5.421	5.421	0.000	77	38469	500.0	430.3	
66 Methylcyclohexane	83	5.512	5.512	0.000	96	92971	20.0	24.7	
67 Ethyl acrylate	55	5.586	5.586	0.000	99	90989	20.0	20.5	
68 1,2-Dichloropropane	63	5.709	5.709	0.000	89	82659	20.0	21.4	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	50	38012	1000.0	1000.0	
70 Dibromomethane	93	5.858	5.858	0.000	55	47114	20.0	19.9	
71 1,4-Dioxane	88	5.858	5.858	0.000	31	19028	400.0	461.0	
72 Methyl methacrylate	100	5.866	5.866	0.000	90	40809	40.0	43.4	
73 n-Propyl acetate	43	5.956	5.956	0.000	97	97893	20.0	20.0	
74 Dichlorobromomethane	83	6.080	6.080	0.000	99	104006	20.0	19.1	
75 2-Nitropropane	41	6.499	6.499	0.000	97	38499	40.0	38.9	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	92	47161	20.0	19.8	
77 Epichlorohydrin	57	6.631	6.631	0.000	98	149580	400.0	431.0	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	91	126623	20.0	20.9	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.911	0.000	96	387534	100.0	98.3	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	98	626611	50.0	52.9	
81 Toluene	91	7.034	7.034	0.000	94	329587	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.429	7.429	0.000	97	107788	20.0	21.0	
83 Ethyl methacrylate	69	7.487	7.487	0.000	87	105957	20.0	21.8	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	91	60282	20.0	19.9	
85 Tetrachloroethene	166	7.627	7.627	0.000	89	69388	20.0	21.9	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	95	115256	20.0	19.0	
87 2-Hexanone	43	7.890	7.890	0.000	95	231037	100.0	94.1	
88 Chlorodibromomethane	129	8.005	8.005	0.000	98	67171	20.0	18.9	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	17320	20.0	18.7	
90 Ethylene Dibromide	107	8.112	8.112	0.000	96	65152	20.0	19.7	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	538595	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	93	201866	20.0	20.5	
93 Ethylbenzene	106	8.680	8.680	0.000	98	114653	20.0	20.5	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	93	66867	20.0	17.6	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	98	133259	20.0	20.6	
96 o-Xylene	106	9.174	9.174	0.000	93	141179	20.0	20.6	
97 n-Butyl acrylate	73	9.182	9.182	0.000	96	74992	20.0	20.6	
98 Styrene	104	9.199	9.199	0.000	97	249200	20.0	22.0	
99 Bromoform	173	9.388	9.388	0.000	94	43079	20.0	19.4	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	91	171199	20.0	20.5	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	312600	20.0	21.4	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	87	189902	50.0	49.8	
103 Camphene	41	9.676	9.676	0.000	94	21196	20.0	28.2	
104 Bromobenzene	156	9.783	9.783	0.000	96	84358	20.0	18.9	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	98	95296	20.0	19.1	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	382053	20.0	21.8	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	24296	20.0	16.5	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	90	29380	20.0	19.1	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	273142	20.0	19.8	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	319440	20.0	21.2	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	261975	20.0	20.1	
112 4-Chlorotoluene	91	10.046	10.046	0.000	97	272095	20.0	19.8	
113 Butyl Methacrylate	87	10.112	10.112	0.000	89	122121	20.0	20.1	
114 tert-Butylbenzene	119	10.277	10.277	0.000	92	184042	20.0	20.4	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	276797	20.0	20.9	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	272066	20.0	20.9	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	82	145990	20.0	18.1	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	228753	20.0	20.1	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	97	311891	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.655	0.000	94	154815	20.0	19.1	
121 Benzyl chloride	91	10.779	10.779	0.000	98	186382	20.0	22.9	
122 2,3-Dihydroindene	117	10.836	10.836	0.000	94	301096	20.0	19.1	
123 p-Diethylbenzene	119	10.886	10.886	0.000	93	140273	20.0	21.0	
124 n-Butylbenzene	91	10.902	10.902	0.000	96	271607	20.0	21.4	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	95	153431	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	97	227863	20.0	20.2	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	89	12147	20.0	12.0	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	83114	20.0	17.9	
129 Camphor	95	12.120	12.120	0.000	92	39656	100.0	68.4	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	92	67319	20.0	16.1	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	97	38365	20.0	31.0	
132 Naphthalene	128	12.400	12.400	0.000	99	213709	20.0	19.5	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	69949	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.1	
S 135 Xylenes, Total	100				0		40.0	41.2	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

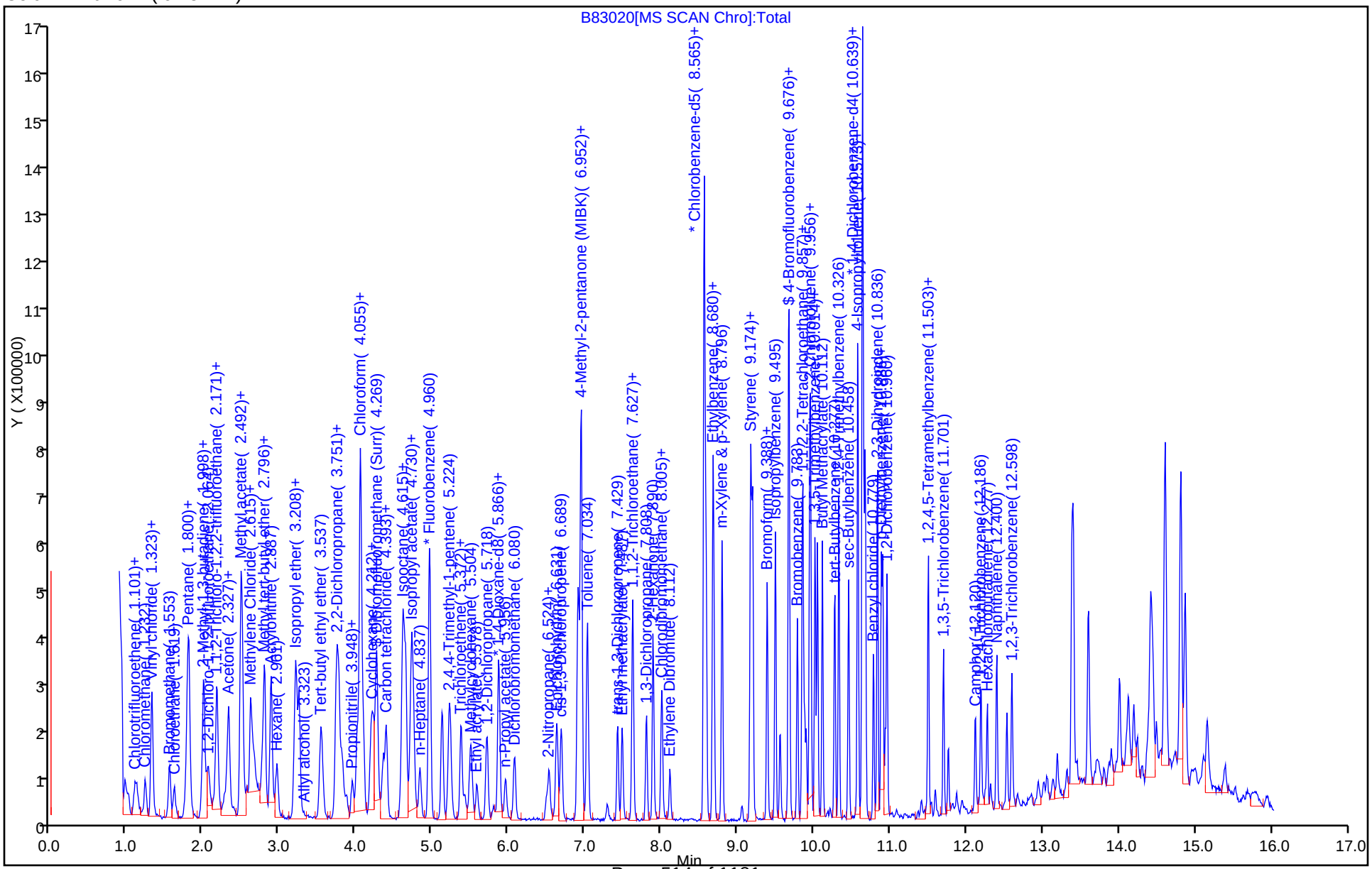
Report Date: 26-May-2015 19:22:12 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83020.D

Injection Date:	26-May-2015 09:38:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300508/3 Calibration Date: 05/22/2015 19:21

Instrument ID: CVOAMS4 Calib Start Date: 05/14/2015 22:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 00:30

Lab File ID: D10458.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2458	0.2561		20.8	20.0	4.2	20.0
Dichlorodifluoromethane	Ave	0.5979	0.6468	0.1000	21.6	20.0	8.2	20.0
Chloromethane	Ave	0.4369	0.5153	0.1000	23.6	20.0	17.9	20.0
Vinyl chloride	Ave	0.4253	0.5401	0.1000	25.4	20.0	27.0*	20.0
Butadiene	Ave	0.3736	0.4633		24.8	20.0	24.0*	20.0
Bromomethane	Ave	0.3334	0.3552	0.1000	21.3	20.0	6.6	50.0
Chloroethane	Ave	0.2833	0.3344	0.1000	23.6	20.0	18.0	50.0
Dichlorofluoromethane	Ave	0.7958	0.9017		22.7	20.0	13.3	20.0
Trichlorofluoromethane	Ave	0.7132	0.7055	0.1000	19.8	20.0	-1.1	20.0
Pentane	Ave	0.0798	0.0989		49.6	40.0	23.9*	20.0
Ethyl ether	Ave	0.2906	0.3454		23.8	20.0	18.8	20.0
2-Methyl-1,3-butadiene	Ave	0.3305	0.4135		25.0	20.0	25.1*	20.0
Ethanol	Ave	0.0606	0.0562		742	800	-7.3	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3757	0.3935		20.9	20.0	4.7	20.0
Acrolein	Ave	0.4405	0.5285		360	300	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4363	0.5090	0.1000	23.3	20.0	16.6	20.0
1,1-Dichloroethene	Ave	0.3894	0.4608	0.1000	23.7	20.0	18.3	20.0
Acetone	QuaF		0.9455	0.0500	96.3	100	-3.7	50.0
Iodomethane	Ave	0.8043	0.7863		19.6	20.0	-2.2	20.0
Carbon disulfide	Ave	1.370	1.696	0.1000	24.8	20.0	23.8	50.0
Isopropyl alcohol	QuaF		0.7297		207	200	3.5	50.0
Allyl chloride	Ave	0.2396	0.2860		23.9	20.0	19.3	20.0
Cyclopentene	Ave	1.010	1.310		25.9	20.0	29.6*	20.0
Methyl acetate	Ave	0.2756	0.3073	0.1000	111	100	11.5	20.0
Acetonitrile	Ave	0.9876	1.268		257	200	28.4*	20.0
Methylene Chloride	Ave	0.4483	0.5230	0.1000	23.3	20.0	16.7	20.0
2-Methyl-2-propanol	QuaF		1.337		208	200	4.2	50.0
Methyl tert-butyl ether	Ave	1.133	1.242	0.1000	21.9	20.0	9.7	20.0
trans-1,2-Dichloroethene	Ave	0.4492	0.4973	0.1000	22.1	20.0	10.7	20.0
Acrylonitrile	Ave	3.486	3.719		213	200	6.7	20.0
Hexane	Ave	0.5588	0.7180		25.7	20.0	28.5*	20.0
Isopropyl ether	Ave	1.122	1.272		22.7	20.0	13.3	20.0
1,1-Dichloroethane	Ave	0.7489	0.8505	0.2000	22.7	20.0	13.6	20.0
Vinyl acetate	Ave	0.0358	0.0281		31.4	40.0	-21.5*	20.0
2-Chloro-1,3-butadiene	Ave	0.3996	0.4364		21.8	20.0	9.2	20.0
Allyl alcohol	Ave	0.2073	0.2127		513	500	2.6	50.0
Tert-butyl ethyl ether	Ave	1.179	1.315		22.3	20.0	11.5	20.0
2,2-Dichloropropane	Ave	0.2444	0.2295		18.8	20.0	-6.1	20.0
cis-1,2-Dichloroethene	Ave	0.4888	0.5363	0.1000	21.9	20.0	9.7	20.0
2-Butanone (MEK)	QuaF		0.4505	0.0500	94.6	100	-5.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300508/3 Calibration Date: 05/22/2015 19:21

Instrument ID: CVOAMS4 Calib Start Date: 05/14/2015 22:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 00:30

Lab File ID: D10458.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	QuaF		0.3703		36.0	40.0	-9.9	20.0
Methyl acrylate	Ave	0.2870	0.3175		22.1	20.0	10.6	20.0
Propionitrile	Ave	0.0469	0.0517		220	200	10.1	20.0
Chlorobromomethane	Ave	0.2401	0.2332		19.4	20.0	-2.9	20.0
Tetrahydrofuran	QuaF		0.5446		40.1	40.0	0.2	20.0
Methacrylonitrile	Ave	0.1383	0.1555		225	200	12.5	20.0
Chloroform	Ave	0.7573	0.8052	0.2000	21.3	20.0	6.3	20.0
Cyclohexane	Ave	0.6645	0.8441	0.1000	25.4	20.0	27.0	50.0
1,1,1-Trichloroethane	Ave	0.6849	0.6769	0.1000	19.8	20.0	-1.2	20.0
Carbon tetrachloride	Ave	0.6261	0.5732	0.1000	18.3	20.0	-8.5	20.0
1,1-Dichloropropene	Ave	0.5745	0.6161		21.4	20.0	7.2	20.0
Isobutyl alcohol	Ave	0.8307	0.7945		478	500	-4.4	50.0
Benzene	Ave	1.818	2.209	0.5000	24.3	20.0	21.5*	20.0
Tert-amyl methyl ether	Ave	1.399	1.518		21.7	20.0	8.5	20.0
Isopropyl acetate	Ave	0.9748	1.031		21.1	20.0	5.7	20.0
1,2-Dichloroethane	Ave	0.4891	0.5222	0.1000	21.4	20.0	6.8	20.0
n-Heptane	Ave	0.3315	0.3986		24.0	20.0	20.2*	20.0
2,4,4-Trimethyl-1-pentene	Ave	1.057	1.311		49.6	40.0	24.0*	20.0
n-Butanol	Ave	0.3836	0.3138		409	500	-18.2	50.0
Trichloroethene	Ave	0.4642	0.4787	0.2000	20.6	20.0	3.1	20.0
Methylcyclohexane	Ave	0.7547	0.8849	0.1000	23.5	20.0	17.3	50.0
Ethyl acrylate	Ave	0.0347	0.0314		18.1	20.0	-9.6	20.0
1,2-Dichloropropane	Ave	0.4030	0.4516	0.1000	22.4	20.0	12.1	20.0
Methyl methacrylate	Ave	0.1055	0.0940		35.6	40.0	-11.0	20.0
Dibromomethane	Ave	0.2740	0.2705		19.7	20.0	-1.3	20.0
1,4-Dioxane	QuaF		1.519		409	400	2.4	50.0
n-Propyl acetate	Ave	0.4452	0.4344		19.5	20.0	-2.4	20.0
Dichlorobromomethane	Ave	0.5846	0.5583	0.2000	19.1	20.0	-4.5	20.0
2-Nitropropane	Ave	0.0876	0.0710		32.4	40.0	-18.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2350	0.2271		19.3	20.0	-3.4	20.0
Epichlorohydrin	Ave	0.3884	0.3388		349	400	-12.8	20.0
cis-1,3-Dichloropropene	Ave	0.7768	0.8040	0.2000	20.7	20.0	3.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.651	3.220	0.0500	88.2	100	-11.8	50.0
Toluene	Ave	1.986	2.207	0.4000	22.2	20.0	11.1	20.0
trans-1,3-Dichloropropene	Ave	0.6759	0.6196	0.1000	18.3	20.0	-8.3	50.0
Ethyl methacrylate	Ave	0.4731	0.4678		19.8	20.0	-1.1	20.0
1,1,2-Trichloroethane	Ave	0.3495	0.3734	0.1000	21.4	20.0	6.8	20.0
Tetrachloroethene	Ave	0.5032	0.4704	0.2000	18.7	20.0	-6.5	20.0
1,3-Dichloropropane	Ave	0.6637	0.7214		21.7	20.0	8.7	20.0
2-Hexanone	Ave	2.522	2.131	0.0500	84.5	100	-15.5	50.0
n-Butyl acetate	QuaF		0.1054		21.8	20.0	9.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300508/3 Calibration Date: 05/22/2015 19:21

Instrument ID: CVOAMS4 Calib Start Date: 05/14/2015 22:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 00:30

Lab File ID: D10458.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.5191	0.4593	0.1000	17.7	20.0	-11.5	50.0
Ethylene Dibromide	Ave	0.4361	0.4233	0.1000	19.4	20.0	-2.9	20.0
Chlorobenzene	Ave	1.328	1.371	0.5000	20.7	20.0	3.3	20.0
Ethylbenzene	Ave	0.7108	0.7819	0.1000	22.0	20.0	10.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4925	0.4749		19.3	20.0	-3.6	20.0
m-Xylene & p-Xylene	Ave	0.8874	0.9579	0.1000	21.6	20.0	7.9	20.0
n-Butyl acrylate	Ave	0.3745	0.3349		17.9	20.0	-10.6	20.0
o-Xylene	Ave	0.8644	0.9530	0.3000	22.1	20.0	10.3	20.0
Styrene	Ave	1.401	1.521	0.3000	21.7	20.0	8.5	20.0
Amyl acetate (mixed isomers)	Ave	1.204	1.359		22.6	20.0	12.8	20.0
Bromoform	Ave	0.3381	0.2563	0.1000	15.2	20.0	-24.2*	20.0
Isopropylbenzene	Ave	2.287	2.547	0.1000	22.3	20.0	11.4	20.0
Camphene	Ave	0.1647	0.1913		23.2	20.0	16.2	20.0
Bromobenzene	Ave	1.053	1.042		19.8	20.0	-1.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.017	1.181	0.3000	23.2	20.0	16.1	20.0
N-Propylbenzene	Ave	5.069	6.251		24.7	20.0	23.3*	20.0
1,2,3-Trichloropropane	Ave	0.3024	0.3063		20.3	20.0	1.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2824	0.2822		20.0	20.0	-0.0	20.0
4-Ethyltoluene	Ave	4.369	5.086		23.3	20.0	16.4	20.0
2-Chlorotoluene	Ave	3.377	4.079		24.2	20.0	20.8*	20.0
1,3,5-Trimethylbenzene	Ave	3.612	4.159		23.0	20.0	15.1	20.0
4-Chlorotoluene	Ave	3.078	3.518		22.9	20.0	14.3	20.0
Butyl Methacrylate	Ave	1.199	1.328		22.2	20.0	10.8	20.0
tert-Butylbenzene	Ave	3.106	3.306		21.3	20.0	6.5	20.0
1,2,4-Trimethylbenzene	Ave	3.719	4.301		23.1	20.0	15.6	20.0
sec-Butylbenzene	Ave	4.708	5.521		23.5	20.0	17.3	20.0
4-Isopropyltoluene	Ave	4.026	4.486		22.3	20.0	11.4	20.0
1,3-Dichlorobenzene	Ave	1.995	2.054	0.6000	20.6	20.0	2.9	20.0
1,4-Dichlorobenzene	Ave	2.098	2.007	0.5000	19.1	20.0	-4.4	20.0
Benzyl chloride	Ave	0.4656	0.3628		15.6	20.0	-22.1	50.0
Indan	Ave	1.780	1.819		20.4	20.0	2.2	20.0
p-Diethylbenzene	Ave	2.600	2.856		22.0	20.0	9.8	20.0
n-Butylbenzene	Ave	2.109	2.649		25.1	20.0	25.6*	20.0
1,2-Dichlorobenzene	Ave	1.947	1.970	0.4000	20.2	20.0	1.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.902	4.116		21.1	20.0	5.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2648	0.2161	0.0500	16.3	20.0	-18.4	50.0
Camphor	Ave	0.1344	0.1123		83.5	100	-16.5	20.0
1,2,4-Trichlorobenzene	Ave	1.506	1.440	0.2000	19.1	20.0	-4.4	20.0
Hexachlorobutadiene	Ave	0.6885	0.6750		19.6	20.0	-2.0	20.0
Naphthalene	Ave	3.775	3.721		19.7	20.0	-1.4	50.0
1,2,3-Trichlorobenzene	Ave	1.400	1.335		19.1	20.0	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300508/3 Calibration Date: 05/22/2015 19:21

Instrument ID: CVOAMS4 Calib Start Date: 05/14/2015 22:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 00:30

Lab File ID: D10458.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2898	0.2791		48.2	50.0	-3.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0605	0.0604		49.9	50.0	-0.2	20.0
Toluene-d8 (Surr)	Ave	1.235	1.294		52.4	50.0	4.8	20.0
4-Bromofluorobenzene	Ave	0.7482	0.6944		46.4	50.0	-7.2	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10458.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-May-2015 19:21:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0027739-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub28

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 12:41:56 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: boykink Date: 22-May-2015 23:59:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.583	1.583	0.000	67	44636	20.0	20.8	
2 Dichlorodifluoromethane	85	1.620	1.620	0.000	98	112755	20.0	21.6	
3 Chloromethane	50	1.790	1.790	0.000	99	89823	20.0	23.6	
4 Vinyl chloride	62	1.918	1.918	0.000	97	94149	20.0	25.4	
5 Butadiene	54	1.924	1.924	0.000	94	80765	20.0	24.8	
6 Bromomethane	94	2.248	2.248	0.000	97	61928	20.0	21.3	
7 Chloroethane	64	2.339	2.339	0.000	99	58302	20.0	23.6	
9 Dichlorofluoromethane	67	2.577	2.577	0.000	98	157192	20.0	22.7	
8 Trichlorofluoromethane	101	2.577	2.577	0.000	48	122993	20.0	19.8	
10 Pentane	72	2.595	2.595	0.000	96	34486	40.0	49.6	
11 Ethanol	46	2.863	2.863	0.000	66	14280	800.0	741.9	
12 Ethyl ether	59	2.839	2.839	0.000	94	60212	20.0	23.8	
13 2-Methyl-1,3-butadiene	53	2.857	2.857	0.000	93	72087	20.0	25.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.918	2.918	0.000	95	68595	20.0	20.9	
15 Acrolein	56	3.046	3.046	0.000	95	50375	300.0	359.9	
16 1,1,2-Trichloro-1,2,2-trif	101	3.077	3.077	0.000	69	88731	20.0	23.3	
17 1,1-Dichloroethene	96	3.077	3.077	0.000	98	80326	20.0	23.7	
18 Acetone	43	3.199	3.199	0.000	88	82714	100.0	96.3	
19 Iodomethane	142	3.253	3.253	0.000	99	137081	20.0	19.6	
20 Carbon disulfide	76	3.290	3.290	0.000	98	295669	20.0	24.8	
21 Isopropyl alcohol	45	3.327	3.327	0.000	99	46369	200.0	207.1	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	89	49850	20.0	23.9	
23 Cyclopentene	67	3.485	3.485	0.000	93	228334	20.0	25.9	
24 Methyl acetate	43	3.491	3.491	0.000	98	267826	100.0	111.5	
25 Acetonitrile	41	3.558	3.558	0.000	97	80587	200.0	256.8	
26 Methylene Chloride	84	3.619	3.619	0.000	89	91176	20.0	23.3	
* 27 TBA-d9 (IS)	65	3.650	3.650	0.000	87	317747	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.735	3.735	0.000	94	84971	200.0	208.3	
29 Methyl tert-butyl ether	73	3.826	3.826	0.000	96	216560	20.0	21.9	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	95	86689	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.948	3.948	0.000	95	236321	200.0	213.4	
32 Hexane	57	4.040	4.040	0.000	89	125162	20.0	25.7	
33 Isopropyl ether	45	4.314	4.314	0.000	95	221717	20.0	22.7	
34 1,1-Dichloroethane	63	4.332	4.332	0.000	99	148263	20.0	22.7	
35 Vinyl acetate	86	4.369	4.369	0.000	100	9796	40.0	31.4	
36 2-Chloro-1,3-butadiene	88	4.387	4.387	0.000	90	76076	20.0	21.8	
38 Allyl alcohol	57	4.412	4.412	0.000	52	33784	500.0	512.9	
37 Tert-butyl ethyl ether	59	4.698	4.698	0.000	90	229324	20.0	22.3	
* 157 2-Butanone-d5	46	4.936	4.936	0.000	90	218711	250.0	250.0	
39 2,2-Dichloropropane	79	4.942	4.942	0.000	78	40012	20.0	18.8	
40 cis-1,2-Dichloroethene	96	4.967	4.967	0.000	98	93498	20.0	21.9	
41 2-Butanone (MEK)	72	5.003	5.003	0.000	98	39412	100.0	94.6	
57 Ethyl acetate	70	5.003	5.003	0.000	96	12957	40.0	36.0	
42 Methyl acrylate	55	5.076	5.076	0.000	100	55352	20.0	22.1	
43 Propionitrile	54	5.168	5.168	0.000	99	90045	200.0	220.1	
44 Chlorobromomethane	128	5.247	5.247	0.000	90	40645	20.0	19.4	
45 Tetrahydrofuran	72	5.253	5.253	0.000	78	19057	40.0	40.1	
46 Methacrylonitrile	67	5.284	5.284	0.000	88	271120	200.0	225.0	
47 Chloroform	83	5.320	5.320	0.000	99	140375	20.0	21.3	
48 Cyclohexane	56	5.460	5.460	0.000	86	147146	20.0	25.4	
49 1,1,1-Trichloroethane	97	5.491	5.491	0.000	98	118009	20.0	19.8	
$ 50 Dibromofluoromethane (Surr	113	5.509	5.509	0.000	95	121647	50.0	48.2	
51 Carbon tetrachloride	117	5.631	5.631	0.000	98	99919	20.0	18.3	
52 1,1-Dichloropropene	75	5.668	5.668	0.000	99	107402	20.0	21.4	
53 Isobutyl alcohol	43	5.869	5.869	0.000	89	126225	500.0	478.2	
54 Benzene	78	5.905	5.905	0.000	96	312561	20.0	24.3	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.930	5.930	0.000	98	26341	50.0	49.9	
56 Tert-amyl methyl ether	73	6.003	6.003	0.000	91	264655	20.0	21.7	
58 Isopropyl acetate	43	6.009	6.009	0.000	98	179697	20.0	21.1	
59 1,2-Dichloroethane	62	6.027	6.027	0.000	97	91026	20.0	21.4	
60 n-Heptane	57	6.119	6.119	0.000	87	69488	20.0	24.0	
* 61 Fluorobenzene	96	6.265	6.265	0.000	99	435819	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.533	6.533	0.000	96	457025	40.0	49.6	
63 n-Butanol	56	6.673	6.673	0.000	83	49860	500.0	409.1	
64 Trichloroethene	95	6.698	6.698	0.000	98	83451	20.0	20.6	
65 Methylcyclohexane	83	6.844	6.844	0.000	94	154267	20.0	23.5	
66 Ethyl acrylate	73	6.869	6.869	0.000	97	5473	20.0	18.1	
67 1,2-Dichloropropane	63	7.033	7.033	0.000	94	78734	20.0	22.4	
* 68 1,4-Dioxane-d8	96	7.106	7.106	0.000	85	25362	1000.0	1000.0	
69 Methyl methacrylate	100	7.131	7.131	0.000	83	32760	40.0	35.6	
71 1,4-Dioxane	88	7.173	7.173	0.000	41	15414	400.0	409.4	
70 Dibromomethane	93	7.161	7.161	0.000	91	47156	20.0	19.7	
72 n-Propyl acetate	43	7.192	7.192	0.000	96	75731	20.0	19.5	
73 Dichlorobromomethane	83	7.326	7.326	0.000	99	97318	20.0	19.1	
74 2-Nitropropane	41	7.655	7.655	0.000	82	24751	40.0	32.4	
75 2-Chloroethyl vinyl ether	63	7.661	7.661	0.000	85	39581	20.0	19.3	M
76 Epichlorohydrin	57	7.753	7.753	0.000	99	118557	400.0	348.9	
77 cis-1,3-Dichloropropene	75	7.801	7.801	0.000	89	113791	20.0	20.7	
78 4-Methyl-2-pentanone (MIBK	43	7.948	7.948	0.000	94	281684	100.0	88.2	
$ 79 Toluene-d8 (Surr)	98	8.009	8.009	0.000	99	457907	50.0	52.4	
80 Toluene	91	8.070	8.070	0.000	94	312275	20.0	22.2	
81 trans-1,3-Dichloropropene	75	8.356	8.356	0.000	92	87684	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 Ethyl methacrylate	69	8.380	8.380	0.000	87	81549	20.0	19.8	
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	96	52841	20.0	21.4	
84 Tetrachloroethene	166	8.551	8.551	0.000	92	66572	20.0	18.7	
85 1,3-Dichloropropane	76	8.673	8.673	0.000	89	102097	20.0	21.7	
86 2-Hexanone	43	8.722	8.722	0.000	93	186390	100.0	84.5	
87 n-Butyl acetate	73	8.801	8.801	0.000	97	14920	20.0	21.8	
88 Chlorodibromomethane	129	8.838	8.838	0.000	97	65006	20.0	17.7	
89 Ethylene Dibromide	107	8.947	8.947	0.000	98	59905	20.0	19.4	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	353810	50.0	50.0	
91 Chlorobenzene	112	9.332	9.332	0.000	95	194099	20.0	20.7	
92 Ethylbenzene	106	9.392	9.392	0.000	98	110654	20.0	22.0	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	67215	20.0	19.3	
94 m-Xylene & p-Xylene	106	9.490	9.490	0.000	99	135566	20.0	21.6	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	47393	20.0	17.9	
96 o-Xylene	106	9.813	9.813	0.000	93	134870	20.0	22.1	
97 Styrene	104	9.831	9.831	0.000	96	215264	20.0	21.7	
98 Amyl acetate (mixed isomer	43	9.947	9.947	0.000	92	95593	20.0	22.6	
99 Bromoform	173	10.002	10.002	0.000	94	36277	20.0	15.2	
100 Isopropylbenzene	105	10.081	10.081	0.000	95	360511	20.0	22.3	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	83	122155	50.0	46.4	
104 Camphene	41	10.258	10.258	0.000	94	27079	20.0	23.2	
102 Bromobenzene	156	10.350	10.350	0.000	97	73341	20.0	19.8	
103 1,1,2,2-Tetrachloroethane	83	10.362	10.362	0.000	99	83088	20.0	23.2	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	439841	20.0	24.7	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	98	21552	20.0	20.3	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	79	19858	20.0	20.0	
108 4-Ethyltoluene	105	10.472	10.472	0.000	98	357885	20.0	23.3	
109 2-Chlorotoluene	91	10.478	10.478	0.000	95	287040	20.0	24.2	
110 1,3,5-Trimethylbenzene	105	10.520	10.520	0.000	93	292628	20.0	23.0	
111 4-Chlorotoluene	91	10.563	10.563	0.000	98	247510	20.0	22.9	
112 Butyl Methacrylate	87	10.575	10.575	0.000	88	93466	20.0	22.2	
113 tert-Butylbenzene	119	10.752	10.752	0.000	93	232653	20.0	21.3	
114 1,2,4-Trimethylbenzene	105	10.795	10.795	0.000	97	302617	20.0	23.1	
115 sec-Butylbenzene	105	10.910	10.910	0.000	99	388493	20.0	23.5	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	97	315649	20.0	22.3	
117 1,3-Dichlorobenzene	146	11.026	11.026	0.000	94	144536	20.0	20.6	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	96	175911	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.093	11.093	0.000	92	141196	20.0	19.1	
120 Benzyl chloride	126	11.197	11.197	0.000	98	25531	20.0	15.6	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	317153	20.0	20.4	
122 p-Diethylbenzene	119	11.276	11.276	0.000	93	200948	20.0	22.0	
123 n-Butylbenzene	92	11.295	11.295	0.000	98	186424	20.0	25.1	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	94	138621	20.0	20.2	
125 1,2,4,5-Tetramethylbenzene	119	11.874	11.874	0.000	96	289641	20.0	21.1	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	98	15207	20.0	16.3	
127 1,3,5-Trichlorobenzene	180	12.111	12.111	0.000	96	109538	20.0	19.5	
128 Camphor	95	12.617	12.617	0.000	90	39507	100.0	83.5	
129 1,2,4-Trichlorobenzene	180	12.709	12.709	0.000	93	101321	20.0	19.1	
130 Hexachlorobutadiene	225	12.813	12.813	0.000	89	47495	20.0	19.6	
131 Naphthalene	128	12.989	12.989	0.000	99	261798	20.0	19.7	
132 1,2,3-Trichlorobenzene	180	13.258	13.258	0.000	95	93933	20.0	19.1	
S 133 1,2-Dichloroethene, Total	100				0		40.0	44.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 Xylenes, Total	100				0		40.0	43.6	
S 135 Total BTEX	1				0		100.0	112.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00022	Amount Added:	2.00	Units: uL	
ACROLEIN W_00037	Amount Added:	3.00	Units: uL	
GASES Li_00103	Amount Added:	2.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00021	Amount Added:	1.00	Units: uL	Run Reagent

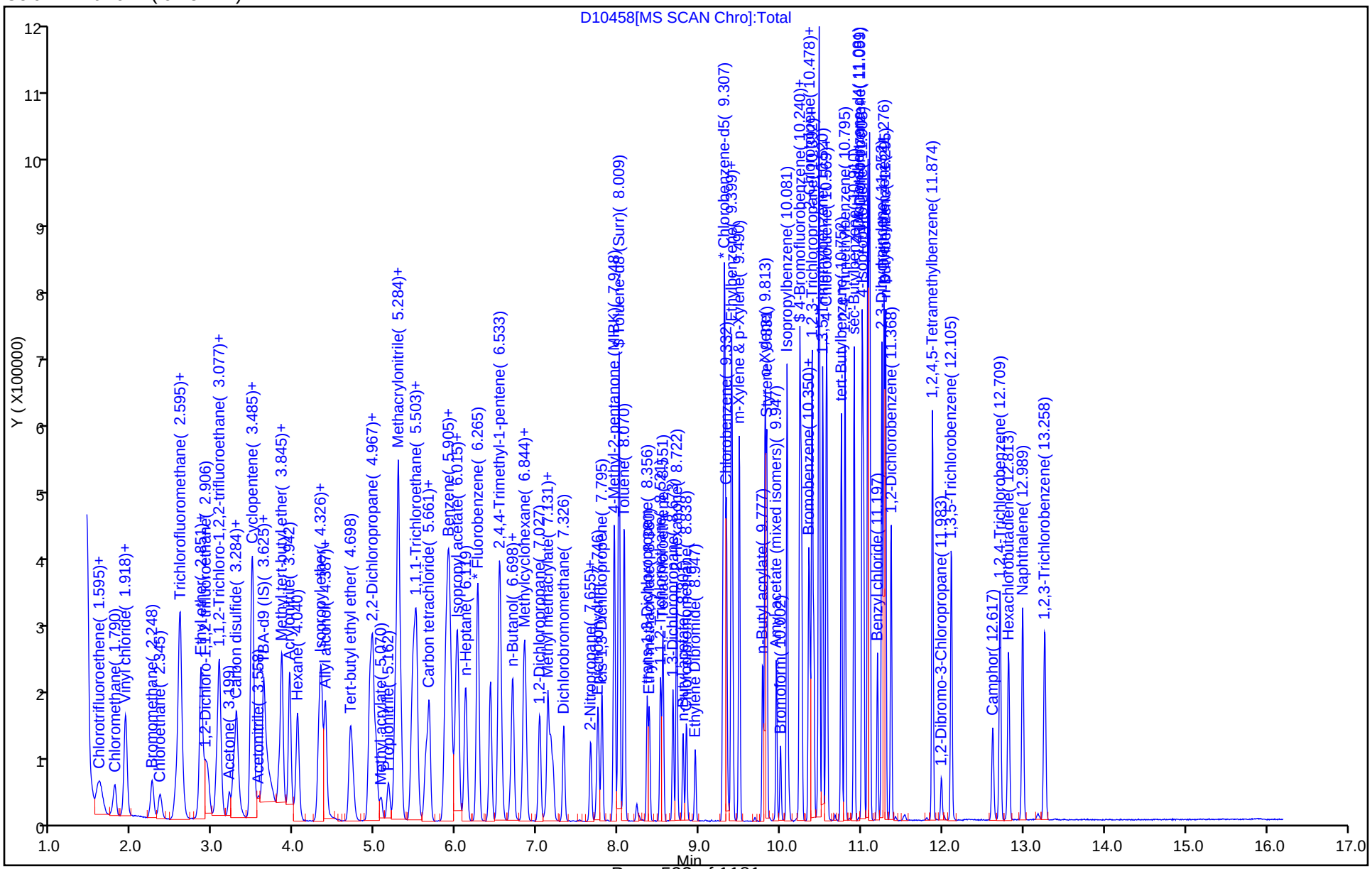
Report Date: 26-May-2015 12:41:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10458.D

Injection Date:	22-May-2015 19:21:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

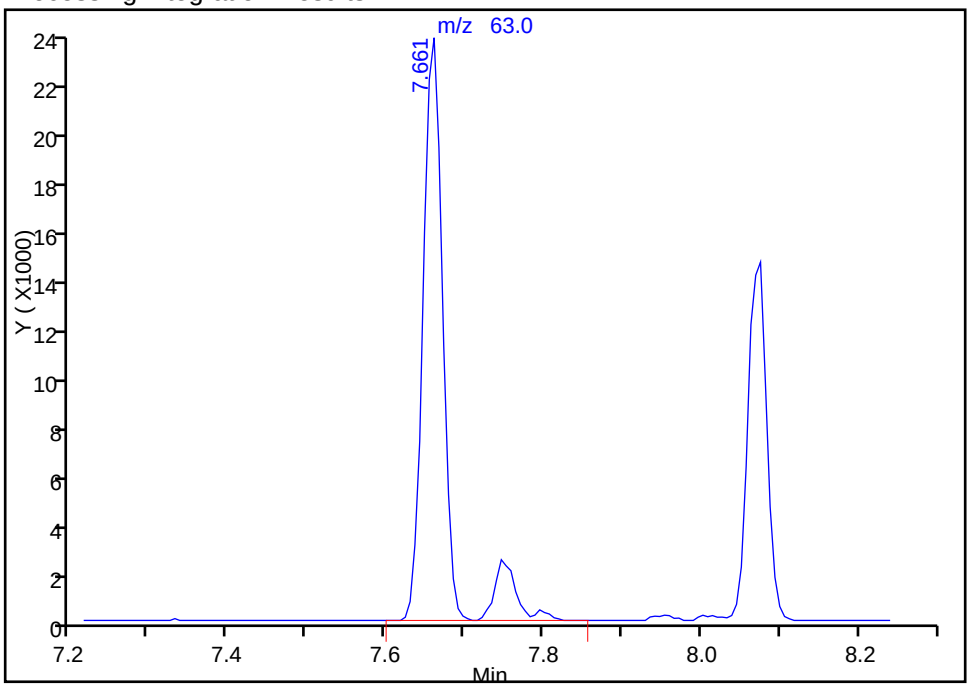
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10458.D
Injection Date: 22-May-2015 19:21:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

75 2-Chloroethyl vinyl ether, CAS: 110-75-8

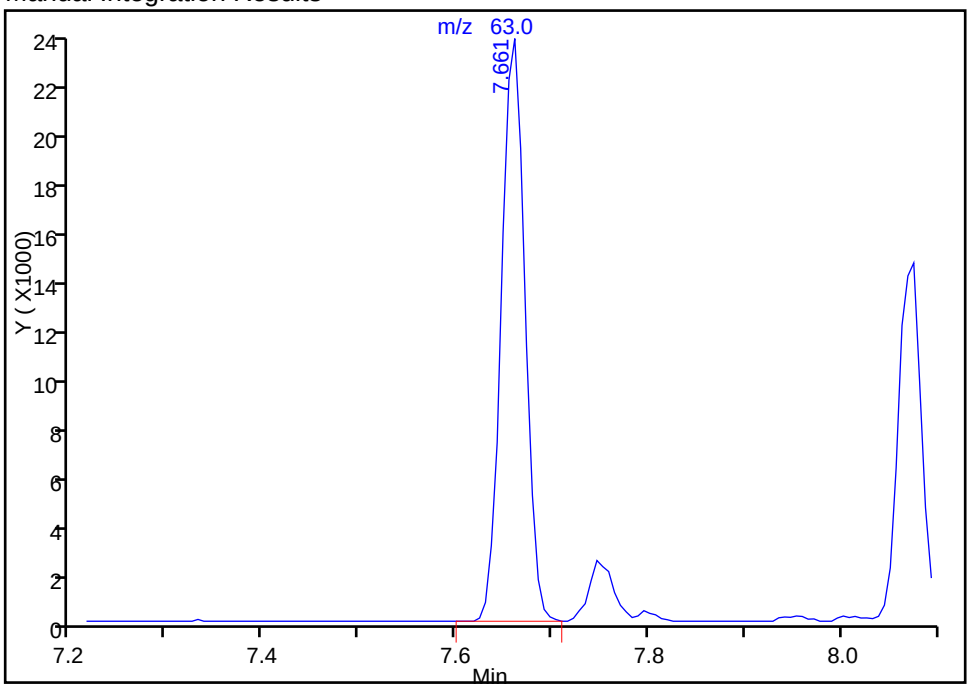
Processing Integration Results

RT: 7.66
Area: 44356
Amount: 21.655099
Amount Units: ug/l



Manual Integration Results

RT: 7.66
Area: 39581
Amount: 19.323890
Amount Units: ug/l



Reviewer: delpolitov, 26-May-2015 12:41:56
Audit Action: Split an Integrated Peak
Audit Reason: Peak Tail

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300778/4 Calibration Date: 05/26/2015 07:30

Instrument ID: CVOAMS6 Calib Start Date: 05/24/2015 11:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2015 14:43

Lab File ID: F27887.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0453	0.0423		18.7	20.0	-6.6	20.0
Dichlorodifluoromethane	Ave	0.4057	0.4209	0.1000	20.8	20.0	3.8	20.0
Chloromethane	Ave	0.2526	0.2696	0.1000	21.4	20.0	6.8	20.0
Butadiene	Ave	0.2578	0.2679		20.8	20.0	3.9	20.0
Vinyl chloride	Ave	0.2892	0.3258	0.1000	22.5	20.0	12.7	20.0
Bromomethane	Ave	17.32	17.70	0.1000	20.4	20.0	2.2	50.0
Chloroethane	Ave	14.04	16.22	0.1000	23.1	20.0	15.5	50.0
Dichlorofluoromethane	Ave	0.4332	0.4914		22.7	20.0	13.4	20.0
Pentane	Ave	0.0254	0.0299		47.2	40.0	18.1	20.0
Trichlorofluoromethane	Ave	0.3807	0.4528	0.1000	23.8	20.0	19.0	20.0
Ethanol	Ave	0.5550	0.4609		664	800	-17.0	50.0
Ethyl ether	Ave	0.1167	0.1172		20.1	20.0	0.4	20.0
2-Methyl-1,3-butadiene	Ave	0.1843	0.1900		20.6	20.0	3.1	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2682	0.2626		19.6	20.0	-2.1	20.0
Acrolein	Ave	0.4675	0.4779		40.9	40.0	2.2	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	QuaF		0.3665	0.1000	19.0	20.0	-5.0	20.0
1,1-Dichloroethene	Ave	0.3095	0.3215	0.1000	20.8	20.0	3.9	20.0
Acetone	Lin2		12.58	0.0500	123	100	22.9	50.0
Iodomethane	Ave	0.7676	0.7919		20.6	20.0	3.2	20.0
Carbon disulfide	Ave	0.9803	0.9935	0.1000	20.3	20.0	1.3	50.0
Isopropyl alcohol	Ave	1.703	1.495		176	200	-12.2	50.0
Allyl chloride	Ave	0.3556	0.3928		22.1	20.0	10.4	20.0
Cyclopentene	Ave	0.6600	0.7235		21.9	20.0	9.6	20.0
Methyl acetate	Ave	0.1411	0.1527	0.1000	108	100	8.2	20.0
Acetonitrile	Ave	0.0326	0.0334		205	200	2.3	20.0
Methylene Chloride	Ave	0.3113	0.3192	0.1000	20.5	20.0	2.5	20.0
2-Methyl-2-propanol	Ave	3.563	3.384		190	200	-5.0	50.0
Methyl tert-butyl ether	Ave	0.8259	0.8300	0.1000	20.1	20.0	0.5	20.0
trans-1,2-Dichloroethene	Ave	0.2786	0.2964	0.1000	21.3	20.0	6.4	20.0
Acrylonitrile	Ave	0.0695	0.0737		212	200	6.0	20.0
Allyl alcohol	Lin2		1.194		1400	500	180.4*	50.0
Hexane	Qua		0.1506		21.9	20.0	9.3	20.0
Isopropyl ether	Ave	0.5911	0.5979		20.2	20.0	1.1	20.0
1,1-Dichloroethane	Ave	0.4061	0.4245	0.2000	20.9	20.0	4.5	20.0
Vinyl acetate	Ave	0.6836	1.465		85.7	40.0	114.2*	20.0
2-Chloro-1,3-butadiene	Ave	0.1986	0.2216		22.3	20.0	11.6	20.0
Tert-butyl ethyl ether	Ave	0.7008	0.6888		19.7	20.0	-1.7	20.0
2,2-Dichloropropane	Qua		0.4580		19.9	20.0	-0.3	20.0
cis-1,2-Dichloroethene	Ave	0.2876	0.2937	0.1000	20.4	20.0	2.1	20.0
2-Butanone (MEK)	Ave	2.225	2.595	0.0500	117	100	16.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300778/4 Calibration Date: 05/26/2015 07:30

Instrument ID: CVOAMS6 Calib Start Date: 05/24/2015 11:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2015 14:43

Lab File ID: F27887.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.0129	0.0125		38.9	40.0	-2.7	20.0
Methyl acrylate	Ave	0.1255	0.1427		22.8	20.0	13.8	20.0
Propionitrile	Ave	3.173	3.068		193	200	-3.3	20.0
Chlorobromomethane	Ave	0.1653	0.1723		20.8	20.0	4.2	20.0
Tetrahydrofuran	Ave	0.0619	0.0570		36.9	40.0	-7.8	20.0
Methacrylonitrile	Ave	0.0617	0.0650		210	200	5.2	20.0
Chloroform	Ave	0.4268	0.4450	0.2000	20.8	20.0	4.2	20.0
Cyclohexane	QuaF		0.4274	0.1000	17.7	20.0	-11.4	50.0
1,1,1-Trichloroethane	Ave	0.4998	0.5141	0.1000	20.6	20.0	2.9	20.0
Carbon tetrachloride	Ave	0.4605	0.4718	0.1000	20.5	20.0	2.4	20.0
1,1-Dichloropropene	Ave	0.2533	0.2761		21.8	20.0	9.0	20.0
Benzene	Ave	0.9170	1.023	0.5000	22.3	20.0	11.6	20.0
Isobutyl alcohol	Ave	1.506	2.519		836	500	67.3*	50.0
Isopropyl acetate	Ave	0.5478	0.5129		18.7	20.0	-6.4	20.0
Tert-amyl methyl ether	Ave	0.8429	0.8091		19.2	20.0	-4.0	20.0
1,2-Dichloroethane	Ave	0.2941	0.2925	0.1000	19.9	20.0	-0.5	20.0
n-Heptane	Qua		0.1197		22.6	20.0	12.9	20.0
2,4,4-Trimethyl-1-pentene	QuaF		0.5955		32.3	40.0	-19.2	20.0
Trichloroethene	Ave	0.2274	0.2289	0.2000	20.1	20.0	0.6	20.0
n-Butanol	Ave	0.5693	0.4757		418	500	-16.4	50.0
Ethyl acrylate	Ave	0.4340	0.4672		21.5	20.0	7.6	20.0
Methylcyclohexane	QuaF		0.4866	0.1000	18.0	20.0	-10.2	50.0
1,2-Dichloropropane	Ave	0.1621	0.1594	0.1000	19.7	20.0	-1.7	20.0
Methyl methacrylate	Ave	0.0388	0.0361		37.2	40.0	-7.0	20.0
Dibromomethane	Ave	0.1543	0.1491		19.3	20.0	-3.4	20.0
1,4-Dioxane	Ave	0.9286	0.9153		394	400	-1.4	50.0
n-Propyl acetate	Ave	0.1441	0.1235		17.1	20.0	-14.3	20.0
Dichlorobromomethane	Ave	0.2940	0.2726	0.2000	18.5	20.0	-7.3	20.0
2-Nitropropane	Ave	0.0438	0.0351		32.0	40.0	-19.9	20.0
2-Chloroethyl vinyl ether	Ave	0.0684	0.0598		17.5	20.0	-12.6	20.0
Epichlorohydrin	Ave	0.0149	0.0175		470	400	17.4	20.0
cis-1,3-Dichloropropene	Ave	0.3119	0.3288	0.2000	21.1	20.0	5.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1725	0.1765	0.0500	102	100	2.3	50.0
Toluene	Ave	0.9101	0.9439	0.4000	20.7	20.0	3.7	20.0
trans-1,3-Dichloropropene	Ave	0.2793	0.2894	0.1000	20.7	20.0	3.6	50.0
Ethyl methacrylate	Ave	0.1910	0.1889		19.8	20.0	-1.1	20.0
1,1,2-Trichloroethane	Ave	0.1565	0.1597	0.1000	20.4	20.0	2.1	20.0
Tetrachloroethene	Ave	0.3285	0.3557	0.2000	21.7	20.0	8.3	20.0
1,3-Dichloropropane	Ave	0.2732	0.2739		20.1	20.0	0.3	20.0
2-Hexanone	Ave	0.0973	0.1024	0.0500	105	100	5.2	50.0
Chlorodibromomethane	Ave	0.2992	0.2936	0.1000	19.6	20.0	-1.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300778/4 Calibration Date: 05/26/2015 07:30

Instrument ID: CVOAMS6 Calib Start Date: 05/24/2015 11:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2015 14:43

Lab File ID: F27887.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.1960	0.1813		18.5	20.0	-7.5	20.0
Ethylene Dibromide	Ave	0.2366	0.2320	0.1000	19.6	20.0	-1.9	20.0
Chlorobenzene	Ave	0.7672	0.7868	0.5000	20.5	20.0	2.6	20.0
Ethylbenzene	Ave	0.3774	0.3893	0.1000	20.6	20.0	3.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3893	0.4177		21.5	20.0	7.3	20.0
m-Xylene & p-Xylene	Ave	0.4876	0.4993	0.1000	20.5	20.0	2.4	20.0
o-Xylene	Ave	0.5677	0.5983	0.3000	21.1	20.0	5.4	20.0
Styrene	Ave	0.8304	0.8636	0.3000	20.8	20.0	4.0	20.0
n-Butyl acrylate	Ave	0.1531	0.1601		20.9	20.0	4.6	20.0
Bromoform	Ave	0.2272	0.2142	0.1000	18.9	20.0	-5.7	20.0
Amyl acetate (mixed isomers)	Ave	0.4498	0.4072		18.1	20.0	-9.5	20.0
Isopropylbenzene	Ave	1.514	1.693	0.1000	22.4	20.0	11.8	20.0
Camphene	Ave	0.1165	0.1121		19.2	20.0	-3.8	20.0
Bromobenzene	Ave	0.6218	0.6056		19.5	20.0	-2.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4080	0.4155	0.3000	20.4	20.0	1.8	20.0
N-Propylbenzene	Ave	1.953	2.013		20.6	20.0	3.0	20.0
1,2,3-Trichloropropane	Ave	0.1291	0.1290		20.0	20.0	-0.0	20.0
trans-1,4-Dichloro-2-butene	Lin2		0.0689		18.7	20.0	-6.7	20.0
2-Chlorotoluene	Ave	1.342	1.368		20.4	20.0	2.0	20.0
4-Ethyltoluene	Ave	1.899	1.911		20.1	20.0	0.7	20.0
1,3,5-Trimethylbenzene	QuaF		1.892		16.3	20.0	-18.4	20.0
4-Chlorotoluene	Ave	1.413	1.444		20.4	20.0	2.1	20.0
Butyl Methacrylate	Ave	0.4740	0.4717		19.9	20.0	-0.5	20.0
tert-Butylbenzene	QuaF		1.685		15.7	20.0	-21.7*	20.0
1,2,4-Trimethylbenzene	Ave	1.877	1.898		20.2	20.0	1.1	20.0
sec-Butylbenzene	QuaF		2.380		16.3	20.0	-18.3	20.0
1,3-Dichlorobenzene	Ave	1.159	1.209	0.6000	20.9	20.0	4.3	20.0
4-Isopropyltoluene	QuaF		2.302		16.7	20.0	-16.3	20.0
1,4-Dichlorobenzene	Ave	1.172	1.241	0.5000	21.2	20.0	5.9	20.0
Benzyl chloride	Qua		0.8821		23.6	20.0	18.2	50.0
Indan	Ave	1.988	2.047		20.6	20.0	3.0	20.0
p-Diethylbenzene	Ave	1.230	1.355		22.0	20.0	10.2	20.0
1,2-Dichlorobenzene	Ave	1.189	1.293	0.4000	21.8	20.0	8.8	20.0
n-Butylbenzene	Ave	1.872	2.155		23.0	20.0	15.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.143	2.335		21.8	20.0	9.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0803	0.0798	0.0500	19.9	20.0	-0.6	50.0
1,3,5-Trichlorobenzene	Ave	1.017	1.156		22.7	20.0	13.7	20.0
Camphor	Ave	0.0565	0.0577		102	100	2.3	20.0
1,2,4-Trichlorobenzene	QuaF		0.8178	0.2000	16.6	20.0	-16.8	20.0
Hexachlorobutadiene	Qua		0.4375		19.0	20.0	-4.9	20.0
Naphthalene	Ave	1.130	1.276		22.6	20.0	12.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300778/4 Calibration Date: 05/26/2015 07:30

Instrument ID: CVOAMS6 Calib Start Date: 05/24/2015 11:34

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/24/2015 14:43

Lab File ID: F27887.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.4996	0.5757		23.0	20.0	15.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2448	0.2898		59.2	50.0	18.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2412	0.2698		55.9	50.0	11.9	20.0
Toluene-d8 (Surr)	Ave	0.7976	0.9530		59.7	50.0	19.5	20.0
4-Bromofluorobenzene	Ave	0.4186	0.4947		59.1	50.0	18.2	20.0

Report Date: 27-May-2015 15:55:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27887.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 07:30:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0027791-004
Operator ID: Instrument ID: CVOAMS6
Sublist: chrom-8260624W6*sub32

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 15:55:34 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	52	5467	20.0	18.7	
2 Dichlorodifluoromethane	85	0.970	0.970	0.000	99	54401	20.0	20.8	
3 Chloromethane	50	1.068	1.068	0.000	99	34848	20.0	21.4	
4 Butadiene	54	1.122	1.122	0.000	97	34628	20.0	20.8	
5 Vinyl chloride	62	1.128	1.128	0.000	98	42103	20.0	22.5	
6 Bromomethane	94	1.287	1.287	0.000	97	18662	20.0	20.4	
7 Chloroethane	64	1.317	1.317	0.000	99	17107	20.0	23.1	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	63505	20.0	22.7	
9 Pentane	72	1.451	1.451	0.000	94	7737	40.0	47.2	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	98	58522	20.0	23.8	
11 Ethanol	45	1.573	1.573	0.000	80	19442	800.0	664.4	
12 Ethyl ether	59	1.573	1.573	0.000	89	15143	20.0	20.1	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	93	24554	20.0	20.6	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	90	33935	20.0	19.6	
15 Acrolein	56	1.682	1.682	0.000	28	1008	40.0	40.9	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	93	47371	20.0	19.0	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	41555	20.0	20.8	
18 Acetone	43	1.755	1.755	0.000	86	66329	100.0	122.9	
19 Iodomethane	142	1.792	1.792	0.000	98	102341	20.0	20.6	
21 Carbon disulfide	76	1.816	1.816	0.000	99	128401	20.0	20.3	
20 Isopropyl alcohol	45	1.822	1.822	0.000	30	15770	200.0	175.6	
22 3-Chloro-1-propene	41	1.895	1.895	0.000	85	50760	20.0	22.1	
23 Methyl acetate	43	1.907	1.907	0.000	99	98684	100.0	108.2	
24 Cyclopentene	67	1.907	1.907	0.000	91	93509	20.0	21.9	
25 Acetonitrile	41	1.944	1.944	0.000	96	43126	200.0	204.6	
27 Methylene Chloride	84	1.980	1.980	0.000	88	41246	20.0	20.5	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	94	52729	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	91	35682	200.0	189.9	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	107270	20.0	20.1	
30 trans-1,2-Dichloroethene	96	2.102	2.102	0.000	90	38302	20.0	21.3	
31 Acrylonitrile	53	2.157	2.157	0.000	91	95242	200.0	212.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.205	2.205	0.000	89	19469	20.0	21.9	
36 Allyl alcohol	57	2.205	2.205	0.000	78	31477	500.0	1402.0	
33 Isopropyl ether	45	2.357	2.357	0.000	95	77265	20.0	20.2	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	54862	20.0	20.9	
35 Vinyl acetate	86	2.388	2.388	0.000	100	3089	40.0	85.7	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	28637	20.0	22.3	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	91	89019	20.0	19.7	
39 2,2-Dichloropropane	77	2.722	2.722	0.000	94	59189	20.0	19.9	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	96	37960	20.0	20.4	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	13684	100.0	116.6	
42 Ethyl acetate	70	2.765	2.765	0.000	93	3234	40.0	38.9	
48 Methyl acrylate	55	2.807	2.807	0.000	98	14611	20.0	22.8	
43 Propionitrile	54	2.862	2.862	0.000	96	32351	200.0	193.4	
44 Chlorobromomethane	128	2.911	2.911	0.000	71	22263	20.0	20.8	
45 Tetrahydrofuran	42	2.923	2.923	0.000	86	14742	40.0	36.9	
46 Methacrylonitrile	67	2.935	2.935	0.000	91	83946	200.0	210.4	
47 Chloroform	83	2.953	2.953	0.000	99	57506	20.0	20.8	
49 Cyclohexane	56	3.045	3.045	0.000	88	55236	20.0	17.7	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	98	66439	20.0	20.6	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	93621	50.0	59.2	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	60968	20.0	20.5	
53 1,1-Dichloropropene	75	3.173	3.173	0.000	95	35678	20.0	21.8	
55 Benzene	78	3.325	3.325	0.000	96	104758	20.0	22.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	97	87183	50.0	55.9	
54 Isobutyl alcohol	43	3.379	3.379	0.000	54	66410	500.0	836.3	
57 Isopropyl acetate	43	3.379	3.379	0.000	75	66280	20.0	18.7	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	91	104566	20.0	19.2	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	99	37806	20.0	19.9	
60 n-Heptane	57	3.452	3.452	0.000	90	15472	20.0	22.6	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	323097	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	93	153925	40.0	32.3	
63 n-Butanol	56	3.842	3.842	0.000	33	12541	500.0	417.8	
64 Trichloroethene	95	3.836	3.836	0.000	93	29576	20.0	20.1	
65 Methylcyclohexane	83	3.933	3.933	0.000	95	62884	20.0	18.0	
66 Ethyl acrylate	55	3.933	3.933	0.000	97	60379	20.0	21.5	
67 1,2-Dichloropropane	63	4.073	4.073	0.000	86	20601	20.0	19.7	
* 68 1,4-Dioxane-d8	96	4.140	4.140	0.000	50	16123	1000.0	1000.0	
69 Methyl methacrylate	100	4.152	4.152	0.000	84	9334	40.0	37.2	
70 Dibromomethane	93	4.176	4.176	0.000	89	19275	20.0	19.3	
71 1,4-Dioxane	88	4.182	4.182	0.000	38	5903	400.0	394.3	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	15960	20.0	17.1	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	35231	20.0	18.5	
74 2-Nitropropane	41	4.602	4.602	0.000	89	9073	40.0	32.0	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	79	7726	20.0	17.5	
76 Epichlorohydrin	57	4.699	4.699	0.000	99	35778	400.0	469.8	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	89	33661	20.0	21.1	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	96	90320	100.0	102.3	
$ 79 Toluene-d8 (Surr)	98	4.943	4.943	0.000	99	243893	50.0	59.7	
80 Toluene	91	5.010	5.010	0.000	93	96627	20.0	20.7	
81 trans-1,3-Dichloropropene	75	5.332	5.332	0.000	97	29628	20.0	20.7	
82 Ethyl methacrylate	69	5.381	5.381	0.000	89	19335	20.0	19.8	
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	94	16353	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.545	5.545	0.000	96	36410	20.0	21.7	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	92	28041	20.0	20.1	
86 2-Hexanone	43	5.795	5.795	0.000	94	52417	100.0	105.2	
87 Chlorodibromomethane	129	5.910	5.910	0.000	97	30060	20.0	19.6	
88 n-Butyl acetate	43	5.910	5.910	0.000	71	18564	20.0	18.5	
89 Ethylene Dibromide	107	6.038	6.038	0.000	100	23751	20.0	19.6	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	255935	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	80545	20.0	20.5	
92 Ethylbenzene	106	6.689	6.689	0.000	98	39853	20.0	20.6	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	94	42757	20.0	21.5	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	51110	20.0	20.5	
95 o-Xylene	106	7.328	7.328	0.000	94	61248	20.0	21.1	
96 Styrene	104	7.370	7.370	0.000	96	88414	20.0	20.8	
97 n-Butyl acrylate	73	7.376	7.376	0.000	96	16394	20.0	20.9	
98 Bromoform	173	7.632	7.632	0.000	98	21933	20.0	18.9	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	34539	20.0	18.1	
100 Isopropylbenzene	105	7.833	7.833	0.000	95	173364	20.0	22.4	
$ 101 4-Bromofluorobenzene	174	8.125	8.125	0.000	96	126604	50.0	59.1	
102 Camphene	41	8.143	8.143	0.000	92	11479	20.0	19.2	
103 Bromobenzene	156	8.319	8.319	0.000	80	51369	20.0	19.5	
104 1,1,2,2-Tetrachloroethane	83	8.483	8.483	0.000	95	35246	20.0	20.4	
105 N-Propylbenzene	91	8.502	8.502	0.000	99	170718	20.0	20.6	
106 1,2,3-Trichloropropane	110	8.532	8.532	0.000	94	10940	20.0	20.0	
107 trans-1,4-Dichloro-2-buten	53	8.605	8.605	0.000	68	5846	20.0	18.7	
108 2-Chlorotoluene	91	8.660	8.660	0.000	95	116056	20.0	20.4	
109 4-Ethyltoluene	105	8.727	8.727	0.000	98	162125	20.0	20.1	
110 1,3,5-Trimethylbenzene	105	8.867	8.867	0.000	94	160505	20.0	16.3	
111 4-Chlorotoluene	91	8.885	8.885	0.000	97	122452	20.0	20.4	
112 Butyl Methacrylate	87	9.189	9.189	0.000	90	40008	20.0	19.9	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	142886	20.0	15.7	
114 1,2,4-Trimethylbenzene	105	9.627	9.627	0.000	96	160974	20.0	20.2	
115 sec-Butylbenzene	105	9.992	9.992	0.000	98	201867	20.0	16.3	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	99	102582	20.0	20.9	
117 4-Isopropyltoluene	119	10.388	10.388	0.000	98	195291	20.0	16.7	
* 118 1,4-Dichlorobenzene-d4	152	10.442	10.442	0.000	91	212053	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	96	105247	20.0	21.2	
120 Benzyl chloride	91	10.777	10.777	0.000	100	74819	20.0	23.6	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	94	173660	20.0	20.6	
122 p-Diethylbenzene	119	11.032	11.032	0.000	96	114924	20.0	22.0	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	95	109715	20.0	21.8	
124 n-Butylbenzene	91	11.057	11.057	0.000	97	182827	20.0	23.0	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	198083	20.0	21.8	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	89	6769	20.0	19.9	
127 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	98056	20.0	22.7	
128 Camphor	95	12.474	12.474	0.000	88	24489	100.0	102.3	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	69367	20.0	16.6	
130 Hexachlorobutadiene	225	12.626	12.626	0.000	92	37106	20.0	19.0	
131 Naphthalene	128	12.705	12.705	0.000	99	108254	20.0	22.6	
132 1,2,3-Trichlorobenzene	180	12.864	12.864	0.000	95	48833	20.0	23.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 134 Xylenes, Total	100				0		40.0	41.6	

Reagents:

GASES Li_00103	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

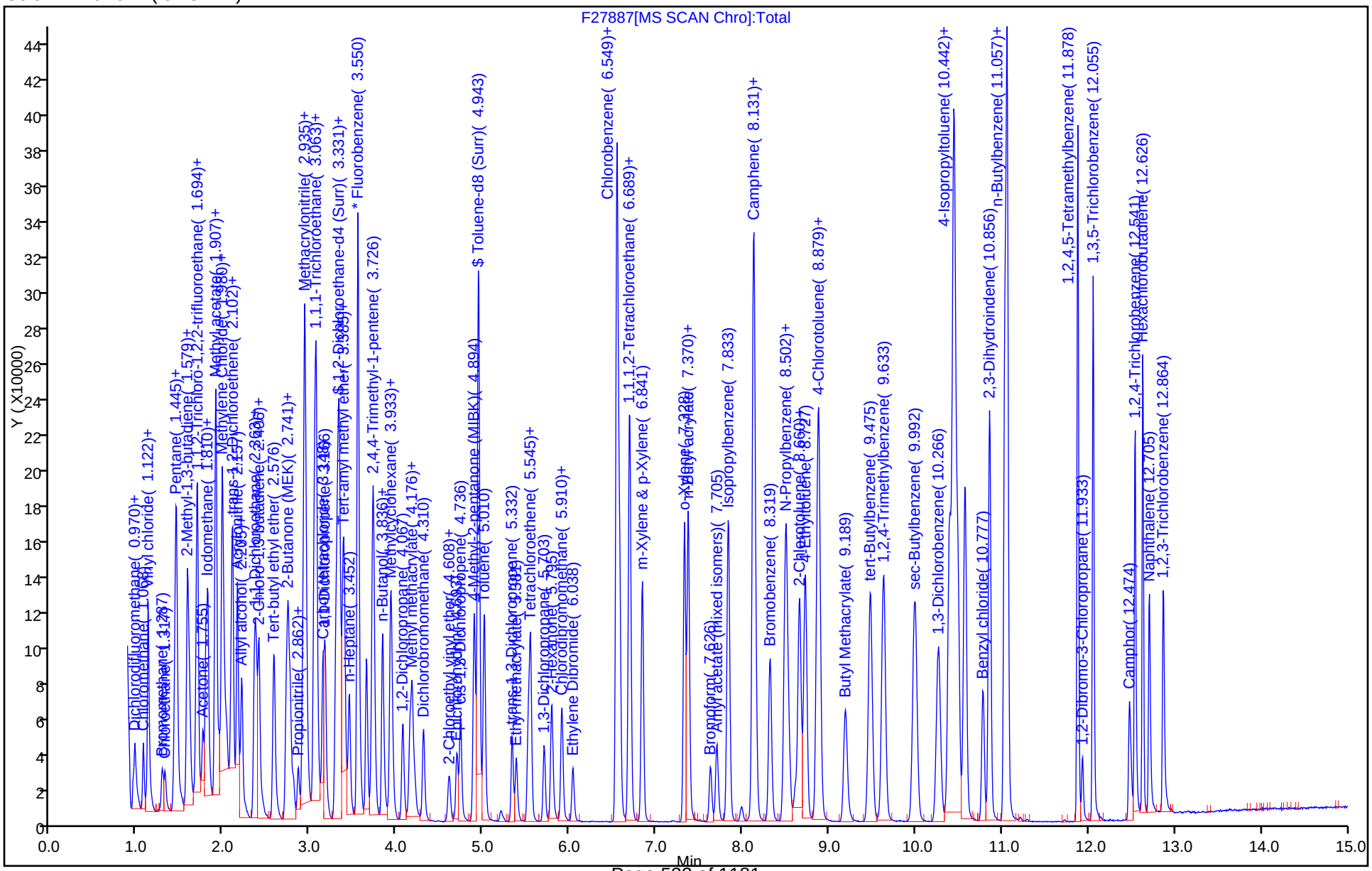
Report Date: 27-May-2015 15:55:35 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27887.D

Injection Date:	26-May-2015 07:30:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-May-2015 05:27:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027689-001
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 22-May-2015 19:58:47 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK008

First Level Reviewer: tupayachia Date: 22-May-2015 05:55:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.548	2.548	0.000	92	121219	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

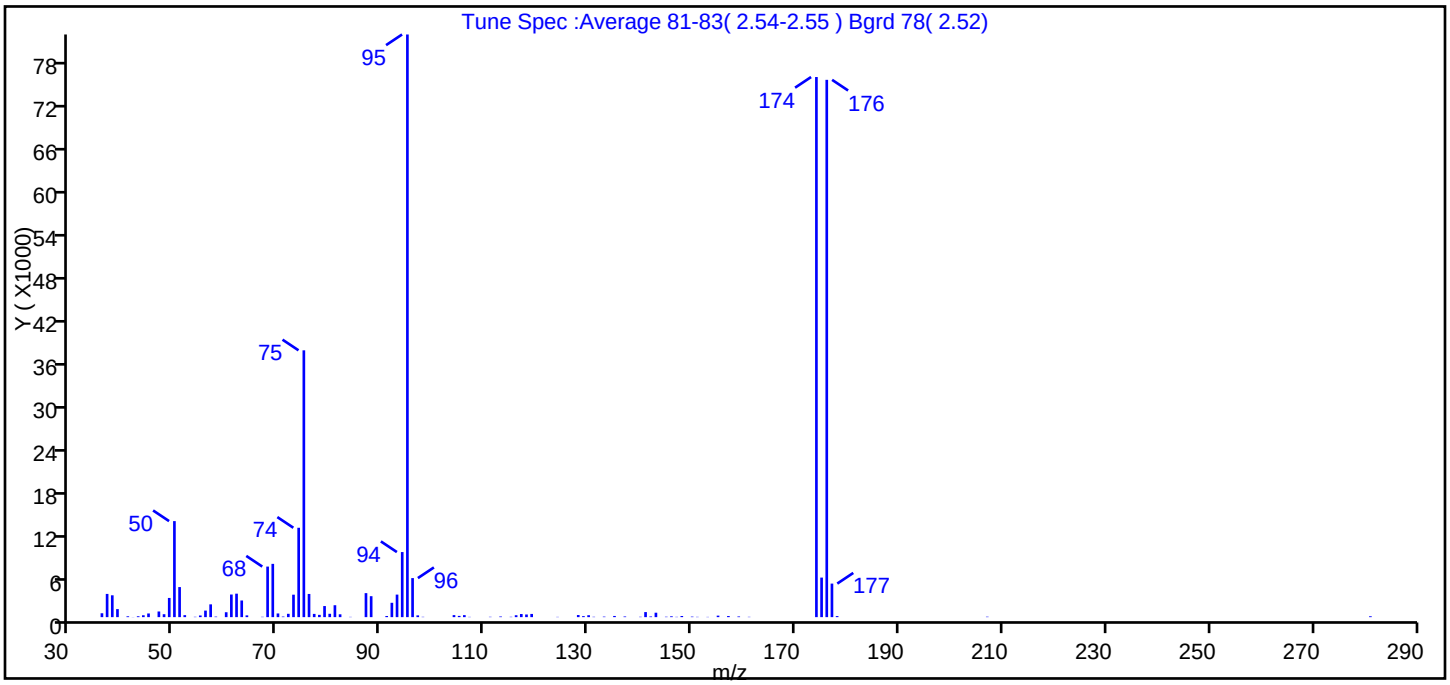
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D
Injection Date: 22-May-2015 05:27:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.5
75	30 to 60% of m/z 95	45.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	92.7
175	5 to 9% of m/z 174	6.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	92.2 (99.5)
177	5 to 9% of m/z 176	5.8 (6.2)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D\8260S_12.rslt\spectra.d
Injection Date: 22-May-2015 05:27:30
Spectrum: Tune Spec :Average 81-83(2.54-2.55) Bgrd 78(2.52)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	542	64.00	245	95.00	81184	141.00	705
37.00	3236	67.00	47	96.00	5441	142.00	94
38.00	3043	68.00	7045	97.00	245	143.00	617
39.00	1119	69.00	7424	98.00	45	145.00	58
41.00	117	70.00	513	104.00	283	146.00	116
42.00	15	71.00	81	105.00	175	147.00	41
43.00	121	72.00	466	106.00	280	148.00	158
44.00	262	73.00	3130	107.00	37	150.00	72
45.00	512	74.00	12454	111.00	48	151.00	41
47.00	788	75.00	37176	113.00	90	153.00	34
48.00	409	76.00	3231	115.00	48	155.00	210
49.00	2675	77.00	452	116.00	266	157.00	152
50.00	13380	78.00	318	117.00	434	159.00	95
51.00	4190	79.00	1546	118.00	369	161.00	44
52.00	278	80.00	467	119.00	447	174.00	75256
54.00	47	81.00	1661	124.00	36	175.00	5512
55.00	229	82.00	396	128.00	293	176.00	74864
56.00	911	84.00	37	129.00	141	177.00	4675
57.00	1782	87.00	3345	130.00	268	178.00	146
58.00	74	88.00	2919	131.00	50	207.00	61
60.00	685	91.00	159	133.00	73	281.00	120
61.00	3153	92.00	1999	135.00	164		
62.00	3270	93.00	3141	137.00	93		
63.00	2321	94.00	9067	140.00	51		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-May-2015 20:52:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 g	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027822-001				
Operator ID:	VOA GC/MS12	Instrument ID:	CVOAMS12		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	27-May-2015 11:19:11	Calib Date:	22-May-2015 11:50:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK021				
First Level Reviewer: desais		Date:	27-May-2015 11:15:33		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.540	2.540	0.000	89	81701	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

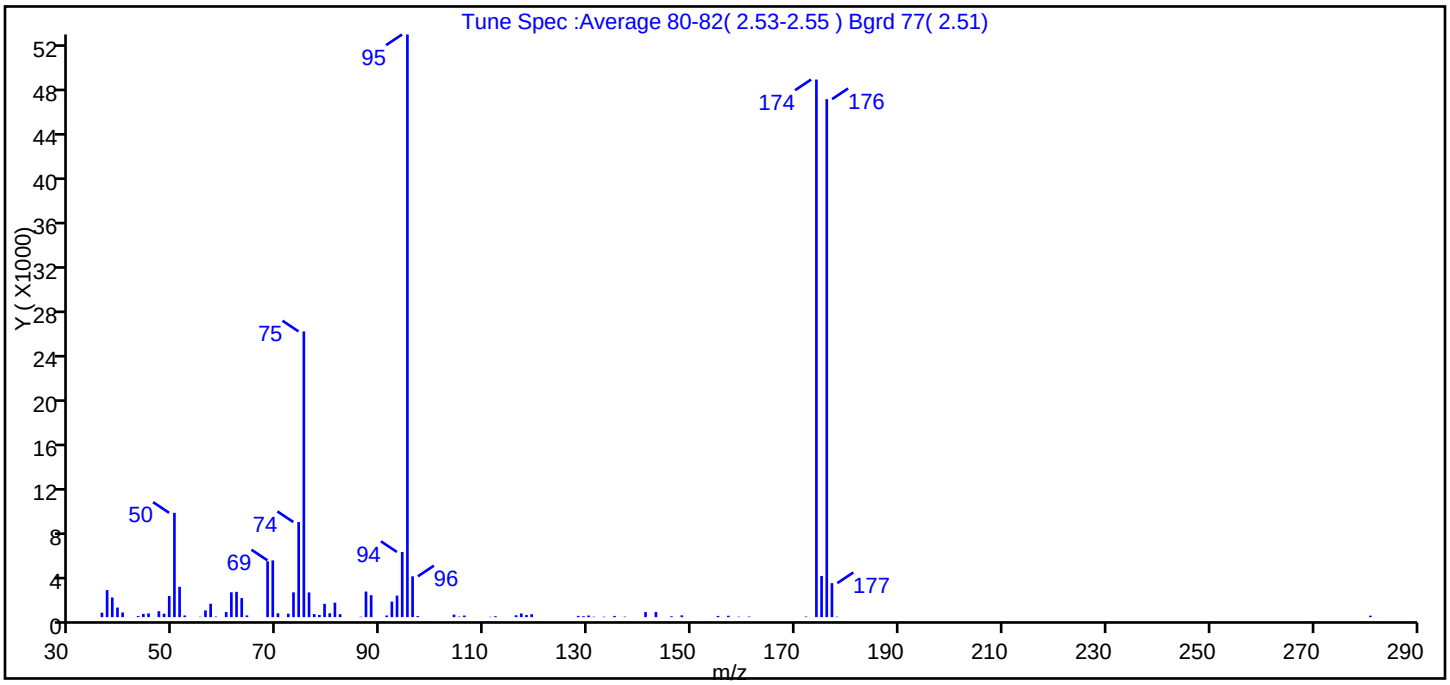
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D
Injection Date: 26-May-2015 20:52:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.9
75	30 to 60% of m/z 95	49.0
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	92.3
175	5 to 9% of m/z 174	7.1 (7.7)
176	Greater than 95% but less than 101% of m/z 174	88.9 (96.4)
177	5 to 9% of m/z 176	5.8 (6.6)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D\8260S_12.rslt\spectra.d
Injection Date: 26-May-2015 20:52:30
Spectrum: Tune Spec :Average 80-82(2.53-2.55) Bgrd 77(2.51)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	405	62.00	2296	91.00	150	133.00	42
37.00	2452	63.00	1729	92.00	1410	135.00	111
38.00	1783	64.00	157	93.00	1956	137.00	45
39.00	869	68.00	5068	94.00	5914	141.00	460
40.00	424	69.00	5150	95.00	52856	143.00	459
43.00	98	70.00	352	96.00	3703	146.00	77
44.00	295	72.00	315	97.00	93	148.00	161
45.00	340	73.00	2250	104.00	230	155.00	111
47.00	535	74.00	8626	105.00	46	157.00	127
48.00	311	75.00	25920	106.00	144	159.00	40
49.00	1924	76.00	2243	111.00	33	161.00	51
50.00	9464	77.00	279	112.00	85	172.00	52
51.00	2751	78.00	193	116.00	172	174.00	48768
52.00	150	79.00	1206	117.00	335	175.00	3734
55.00	36	80.00	348	118.00	188	176.00	46992
56.00	611	81.00	1308	119.00	265	177.00	3084
57.00	1218	82.00	267	128.00	116	178.00	40
58.00	52	86.00	37	129.00	84	281.00	134
60.00	462	87.00	2321	130.00	144		
61.00	2254	88.00	1995	131.00	39		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 15-May-2015 01:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027416-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:27 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.265	2.265	0.000	86	227603	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

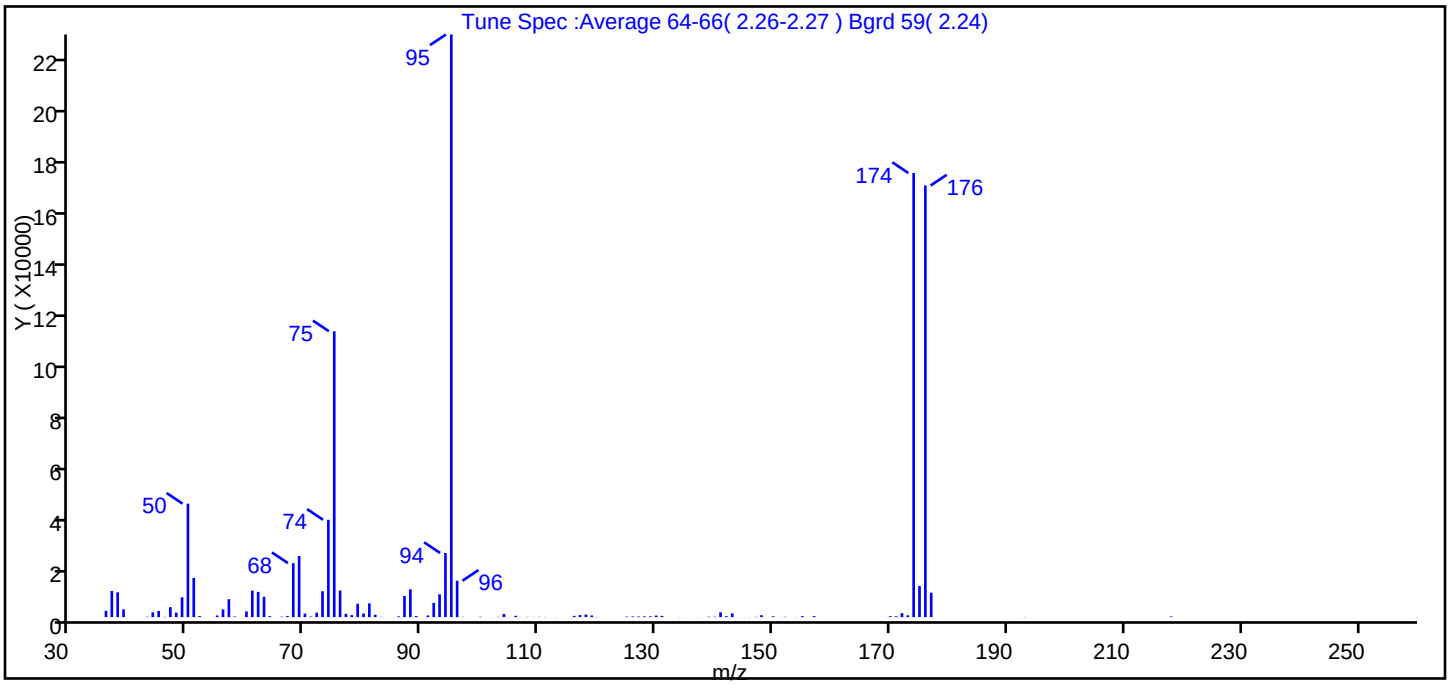
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D
Injection Date: 15-May-2015 01:08:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.5
75	30 to 60% of m/z 95	49.1
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	76.2
175	5 to 9% of m/z 174	5.3 (7.0)
176	Greater than 95% but less than 101% of m/z 174	74.1 (97.2)
177	5 to 9% of m/z 176	4.2 (5.7)

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D\8260W_2.rslt\spectra.d
Injection Date: 15-May-2015 01:08:30
Spectrum: Tune Spec :Average 64-66(2.26-2.27) Bgrd 59(2.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2413	69.00	23448	100.00	155	139.00	176
37.00	10038	70.00	1356	102.00	37	140.00	153
38.00	9536	71.00	223	103.00	104	141.00	1857
39.00	2978	72.00	1709	104.00	1247	142.00	369
43.00	153	73.00	9953	105.00	72	143.00	1443
44.00	1829	74.00	37392	106.00	525	145.00	37
45.00	2379	75.00	109784	107.00	46	146.00	50
46.00	114	76.00	10232	108.00	100	147.00	113
47.00	3827	77.00	1280	109.00	72	148.00	728
48.00	1756	78.00	762	110.00	101	150.00	330
49.00	7629	79.00	5143	111.00	75	152.00	138
50.00	43576	80.00	1397	113.00	56	154.00	45
51.00	15083	81.00	5272	116.00	491	155.00	392
52.00	425	82.00	913	117.00	804	157.00	410
55.00	621	83.00	96	118.00	1006	170.00	366
56.00	2972	86.00	317	119.00	646	171.00	339
57.00	6893	87.00	8107	120.00	69	172.00	1500
58.00	242	88.00	10686	125.00	227	173.00	704
60.00	2196	89.00	437	126.00	260	174.00	170560
61.00	10197	91.00	640	127.00	252	175.00	11931
62.00	9710	92.00	5462	128.00	308	176.00	165760
63.00	7804	93.00	8755	129.00	314	177.00	9398
64.00	389	94.00	24640	130.00	606	193.00	77
66.00	184	95.00	223744	131.00	487	218.00	261
67.00	468	96.00	13985	134.00	51	260.00	64
68.00	20744	97.00	118	137.00	37		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82961.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-May-2015 20:03:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027742-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	23-May-2015 19:23:48	Calib Date:	15-May-2015 07:25:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK034				
First Level Reviewer: tupayachia		Date:	23-May-2015 19:23:48		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.287	2.287	0.000	88	314414	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

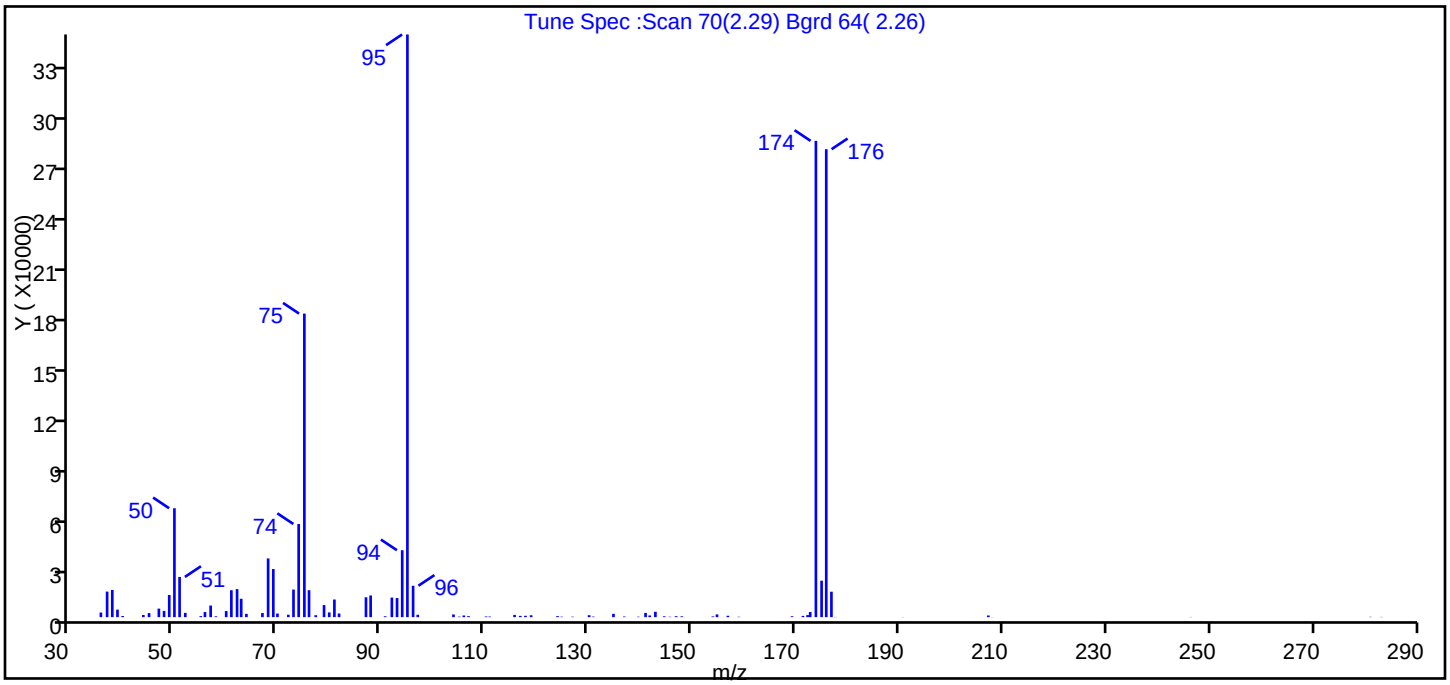
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82961.D
Injection Date: 22-May-2015 20:03:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.7
75	30 to 60% of m/z 95	52.1
96	5 to 9% of m/z 95	5.4
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	81.7
175	5 to 9% of m/z 174	6.3 (7.7)
176	Greater than 95% but less than 101% of m/z 174	80.3 (98.3)
177	5 to 9% of m/z 176	4.4 (5.4)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82961.D\8260W_2.rslt\spectra.d
Injection Date: 22-May-2015 20:03:30
Spectrum: Tune Spec :Scan 70(2.29) Bgrd 64(2.26)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.80	2677	68.10	34256	105.00	283	148.00	475
37.00	14898	69.10	28096	105.90	963	154.00	420
38.00	15873	69.90	2097	106.80	575	154.80	1601
39.00	4393	72.00	1411	110.20	385	156.90	806
40.00	664	73.00	16099	110.90	338	159.00	216
44.00	1256	74.00	54360	115.70	1309	169.30	505
45.10	2378	75.10	177152	116.80	737	171.40	732
47.00	4975	76.00	15740	117.80	797	172.30	1198
48.00	3651	77.30	1131	118.90	1098	172.80	2998
49.00	12923	78.90	7044	124.00	591	173.90	277952
50.00	63560	79.90	2747	124.80	258	175.00	21280
51.00	23472	80.90	10291	126.90	260	175.90	273088
52.10	2495	81.80	2140	130.10	1141	176.90	14834
55.10	595	87.00	11604	130.90	310	177.70	111
55.90	2972	87.90	12653	134.80	1941	190.70	87
57.00	6770	90.70	504	136.90	360	207.20	969
58.00	476	92.00	11424	139.60	255	208.00	71
60.00	3557	93.00	11141	141.00	2467	246.30	103
61.00	15710	94.00	39056	141.80	971	281.00	175
62.10	16358	95.00	340032	142.90	3133	283.10	136
62.90	10707	96.10	18328	144.60	480		
63.90	1913	97.00	1389	145.70	234		
67.00	2387	103.90	1566	146.90	557		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83018.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-May-2015 08:45:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027756-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-May-2015 09:59:21	Calib Date:	15-May-2015 07:25:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK020				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.269	2.269	0.000	87	315934	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

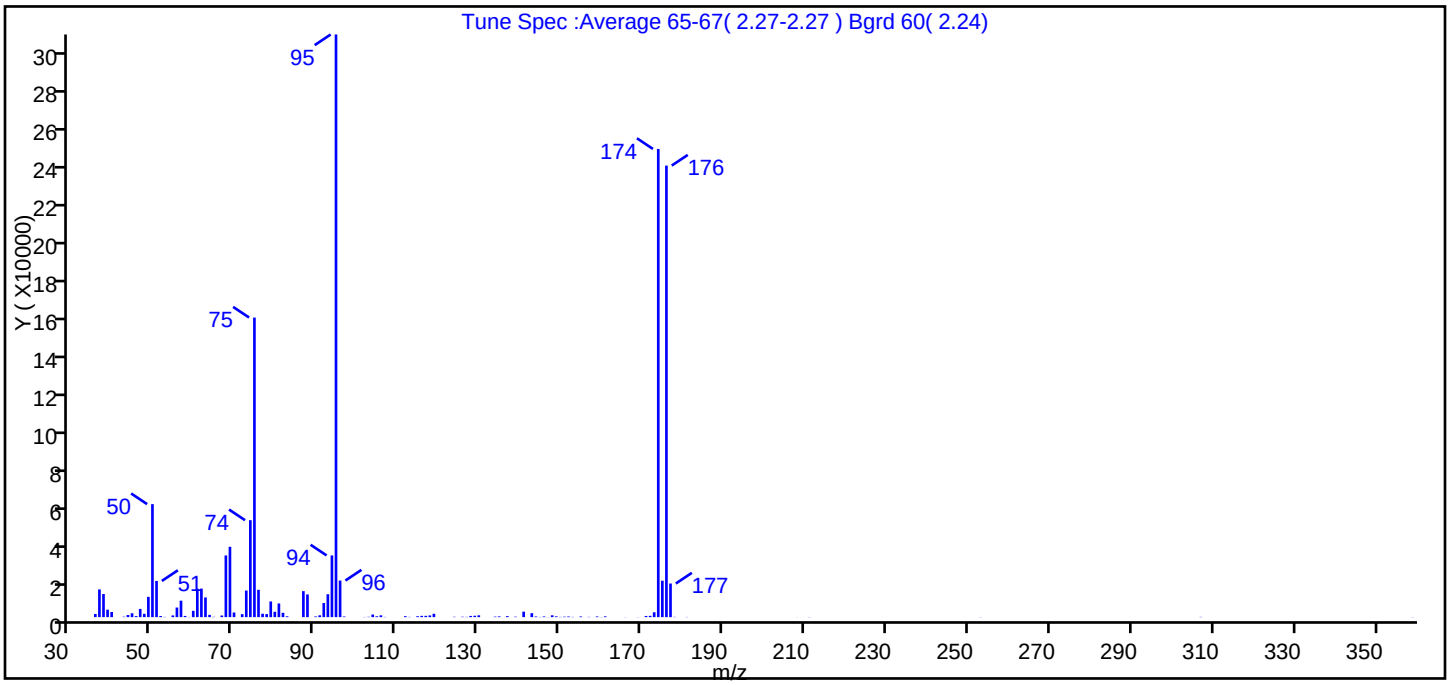
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83018.D
Injection Date: 26-May-2015 08:45:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.4
75	30 to 60% of m/z 95	51.4
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	80.4
175	5 to 9% of m/z 174	6.3 (7.8)
176	Greater than 95% but less than 101% of m/z 174	77.5 (96.4)
177	5 to 9% of m/z 176	5.8 (7.4)

Report Date: 26-May-2015 09:59:22 Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83018.D\8260W_2.rslt\spectra.d
Injection Date: 26-May-2015 08:45:30
Spectrum: Tune Spec :Average 65-67(2.27-2.27) Bgrd 60(2.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1657	68.00	32528	105.00	455	150.00	120
37.00	14616	69.00	37088	106.00	965	151.00	239
38.00	12205	70.00	2442	107.00	118	152.00	336
39.00	3944	72.00	1569	112.00	499	153.00	130
40.00	2709	73.00	14039	113.00	121	155.00	362
43.00	234	74.00	51120	115.00	484	157.00	145
44.00	1128	75.00	157952	116.00	686	159.00	361
45.00	2040	76.00	14414	117.00	682	160.00	76
46.00	545	77.00	1789	118.00	898	161.00	417
47.00	4331	78.00	1612	119.00	1771	166.00	61
48.00	1746	79.00	8261	124.00	188	169.00	76
49.00	10701	80.00	2824	126.00	213	171.00	628
50.00	59584	81.00	7213	127.00	140	172.00	687
51.00	19088	82.00	2287	128.00	644	173.00	2573
52.00	592	83.00	442	129.00	735	174.00	246848
53.00	128	87.00	13719	130.00	959	175.00	19216
55.00	908	88.00	11977	134.00	271	176.00	238080
56.00	5071	90.00	367	135.00	400	177.00	17728
57.00	8685	91.00	954	137.00	532	178.00	141
58.00	643	92.00	7454	139.00	246	181.00	105
59.00	96	93.00	12087	141.00	2894	208.00	34
60.00	3329	94.00	32536	143.00	2100	211.00	79
61.00	15003	95.00	307200	144.00	342	253.00	65
62.00	15047	96.00	19296	145.00	108	307.00	136
63.00	10386	97.00	337	146.00	366	359.00	76
64.00	1199	102.00	91	147.00	58		
65.00	163	103.00	178	148.00	963		
67.00	859	104.00	1387	149.00	415		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10117.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 14-May-2015 21:42:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027415-001
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 08:54:57 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: delpolitov Date: 15-May-2015 08:54:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.640	2.640	0.000	82	97031	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

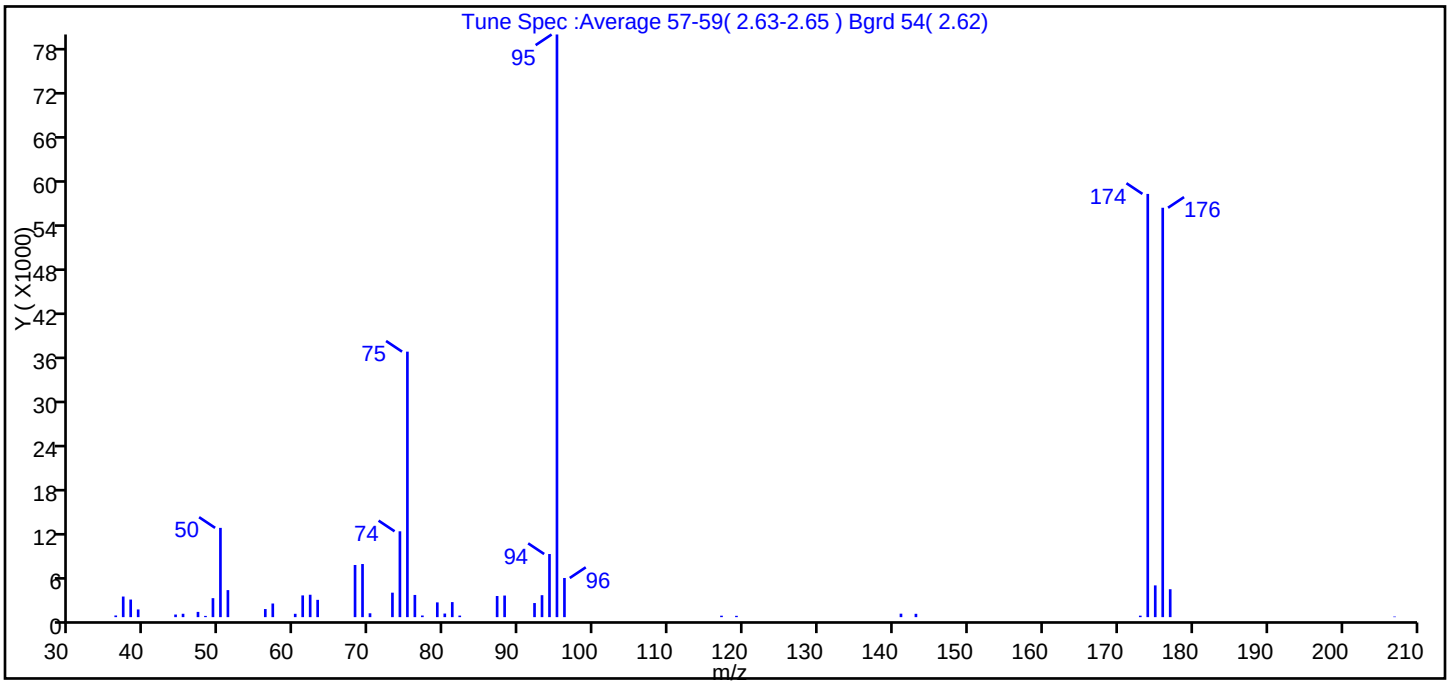
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10117.D
Injection Date: 14-May-2015 21:42:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	45.6
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	72.6
175	5 to 9% of m/z 174	5.4 (7.5)
176	Greater than 95% but less than 101% of m/z 174	70.3 (96.7)
177	5 to 9% of m/z 176	4.8 (6.8)

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10117.D\8260S_4.rslt\spectra.d
Injection Date: 14-May-2015 21:42:30
Spectrum: Tune Spec :Average 57-59(2.63-2.65) Bgrd 54(2.62)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	227	57.00	1868	77.00	223	117.00	199
37.00	2823	60.00	459	79.00	2023	119.00	181
38.00	2411	61.00	2978	80.00	492	141.00	476
39.00	1056	62.00	3068	81.00	2060	143.00	457
44.00	357	63.00	2371	82.00	215	173.00	202
45.00	463	68.00	7144	87.00	2895	174.00	57976
47.00	720	69.00	7276	88.00	2959	175.00	4349
48.00	171	70.00	530	92.00	1931	176.00	56080
49.00	2599	73.00	3353	93.00	3007	177.00	3824
50.00	12230	74.00	11759	94.00	8647	207.00	78
51.00	3702	75.00	36368	95.00	79816		
56.00	1108	76.00	3040	96.00	5364		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10456.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-May-2015 18:26:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027739-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	23-May-2015 02:58:14	Calib Date:	15-May-2015 00:30:30		
Integrator:	RTE	ID Type:	RT Order ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK051				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.659	2.659	0.000	80	70886	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

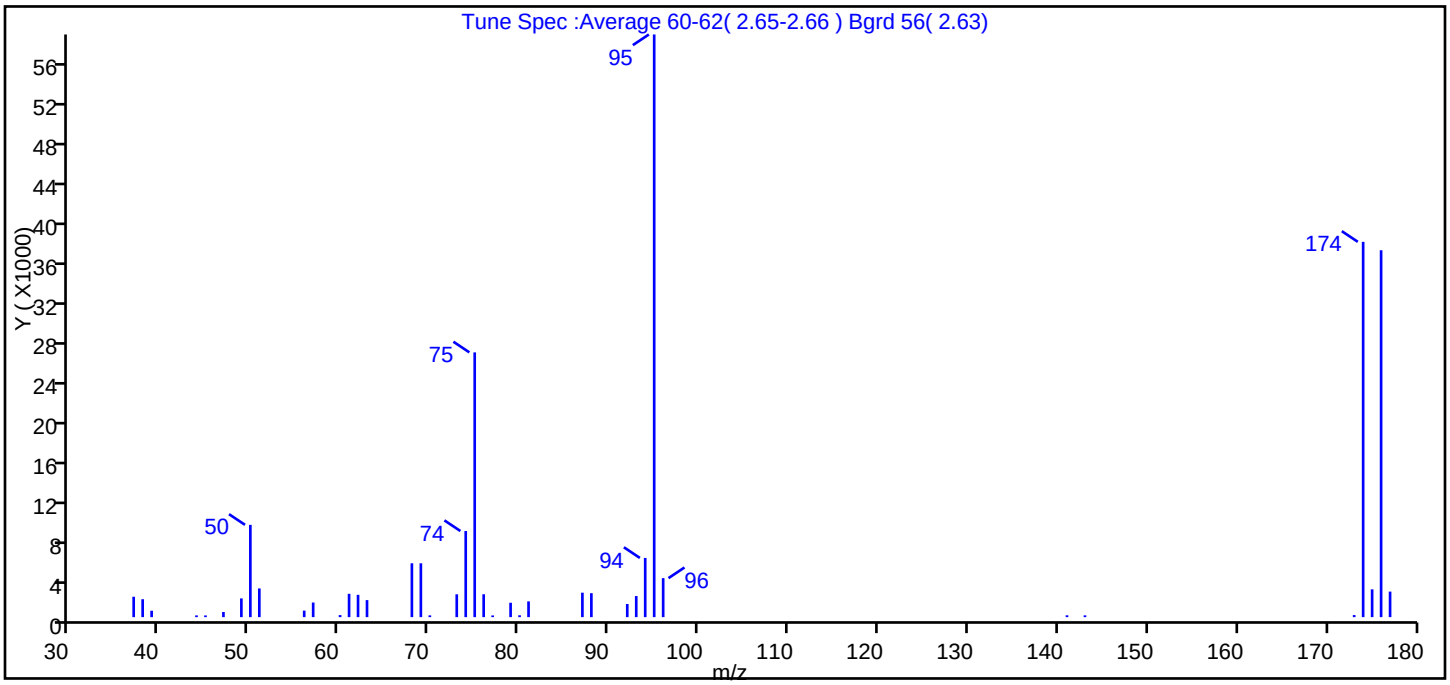
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10456.D
Injection Date: 22-May-2015 18:26:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.8
75	30 to 60% of m/z 95	45.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.4 (0.6)
174	50 to 120% of m/z 95	64.4
175	5 to 9% of m/z 174	4.8 (7.4)
176	Greater than 95% but less than 101% of m/z 174	63.0 (97.8)
177	5 to 9% of m/z 176	4.4 (7.0)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10456.D\8260S_4.rslt\spectra.d
Injection Date: 22-May-2015 18:26:30
Spectrum: Tune Spec :Average 60-62(2.65-2.66) Bgrd 56(2.63)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	2059	57.00	1475	75.00	26712	94.00	5973
38.00	1809	60.00	207	76.00	2309	95.00	58784
39.00	646	61.00	2353	77.00	172	96.00	3936
44.00	177	62.00	2251	79.00	1450	141.00	187
45.00	173	63.00	1718	80.00	188	143.00	181
47.00	518	68.00	5436	81.00	1592	173.00	211
49.00	1890	69.00	5433	87.00	2469	174.00	37864
50.00	9312	70.00	180	88.00	2419	175.00	2806
51.00	2894	73.00	2305	92.00	1327	176.00	37016
56.00	659	74.00	8688	93.00	2128	177.00	2576

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26749.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-Apr-2015 22:13:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0026685-001
Operator ID: VOA GC/MS6 Instrument ID: CVOAMS6

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Apr-2015 06:00:20 Calib Date: 27-Apr-2015 02:16:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26759.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.952	2.952	0.000	89	22351	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

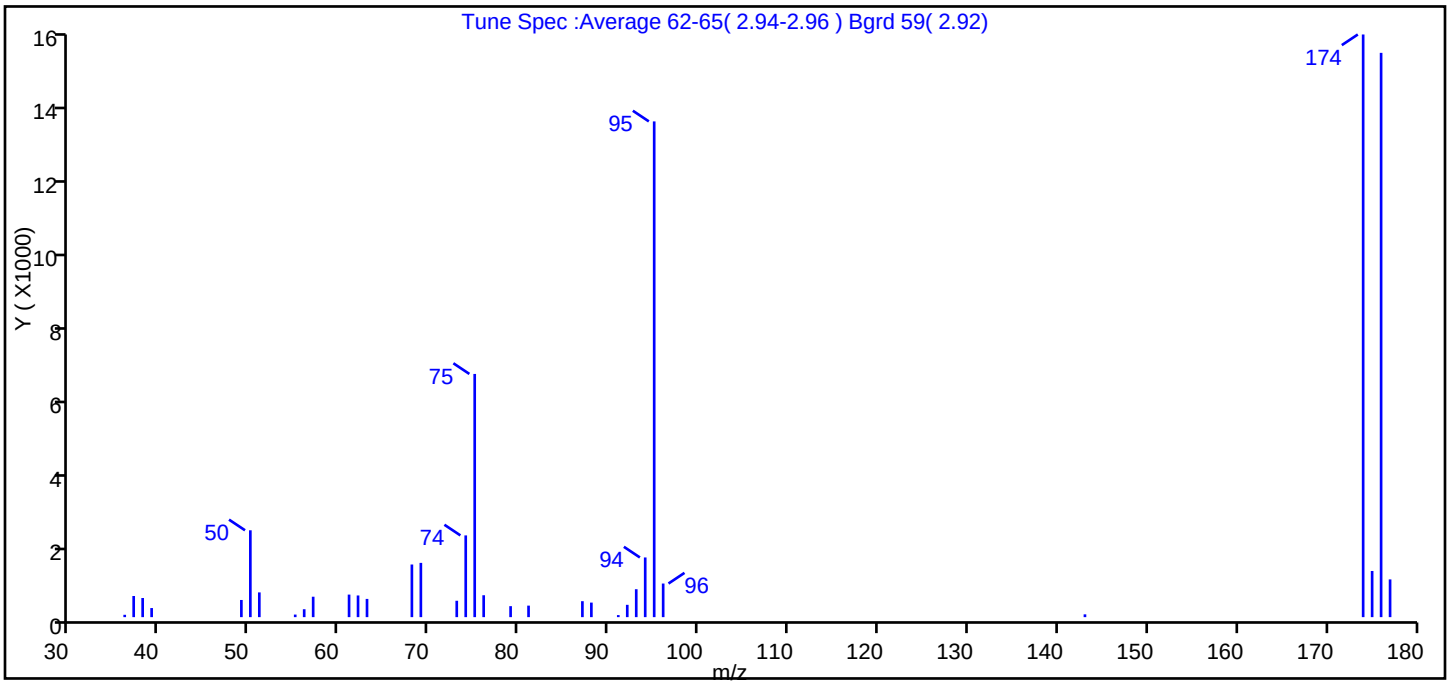
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26749.D
Injection Date: 26-Apr-2015 22:13:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS6 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.5
75	30 to 60% of m/z 95	49.1
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	117.5
175	5 to 9% of m/z 174	9.3 (7.9)
176	Greater than 95% but less than 101% of m/z 174	113.8 (96.8)
177	5 to 9% of m/z 176	7.6 (6.7)

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS6\20150426-26685.b\F26749.D\8260624W6.rslt\spectra.d
Injection Date: 26-Apr-2015 22:13:30
Spectrum: Tune Spec :Average 62-65(2.94-2.96) Bgrd 59(2.92)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 34

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	62	57.00	539	76.00	578	95.00	13082
37.00	558	61.00	595	79.00	290	96.00	887
38.00	505	62.00	572	81.00	304	143.00	74
39.00	240	63.00	481	87.00	421	174.00	15376
49.00	453	68.00	1389	88.00	384	175.00	1218
50.00	2292	69.00	1432	91.00	54	176.00	14891
51.00	653	73.00	432	92.00	325	177.00	996
55.00	68	74.00	2157	93.00	737		
56.00	209	75.00	6418	94.00	1575		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27868.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 24-May-2015 09:59:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027769-001
Operator ID: Instrument ID: CVOAMS6

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 08:22:49 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.921	2.921	0.000	94	39663	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

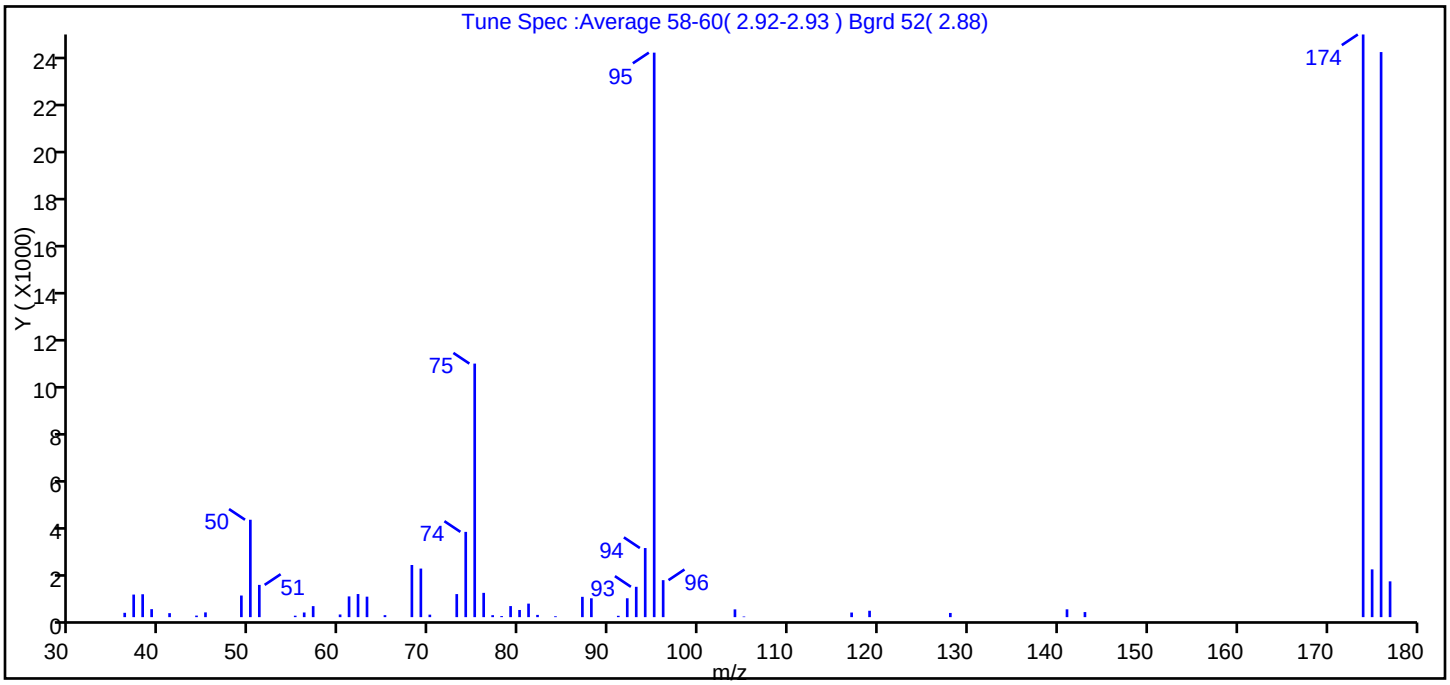
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27868.D
Injection Date: 24-May-2015 09:59:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.3
75	30 to 60% of m/z 95	44.9
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	103.2
175	5 to 9% of m/z 174	8.5 (8.2)
176	Greater than 95% but less than 101% of m/z 174	100.1 (97.0)
177	5 to 9% of m/z 176	6.3 (6.3)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27868.D\8260624W6.rslt\spectra.d
Injection Date: 24-May-2015 09:59:30
Spectrum: Tune Spec :Average 58-60(2.92-2.93) Bgrd 52(2.88)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 51

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	183	60.00	112	78.00	44	96.00	1564
37.00	955	61.00	877	79.00	468	104.00	329
38.00	968	62.00	977	80.00	303	105.00	26
39.00	338	63.00	866	81.00	572	117.00	195
41.00	169	65.00	84	82.00	95	119.00	270
44.00	66	68.00	2205	84.00	37	128.00	177
45.00	201	69.00	2054	87.00	859	141.00	331
49.00	914	70.00	105	88.00	797	143.00	215
50.00	4119	73.00	975	91.00	57	174.00	24640
51.00	1364	74.00	3606	92.00	799	175.00	2020
55.00	61	75.00	10722	93.00	1283	176.00	23896
56.00	197	76.00	1027	94.00	2922	177.00	1514
57.00	466	77.00	83	95.00	23872		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27884.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-May-2015 06:19:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027791-001				
Operator ID:		Instrument ID:	CVOAMS6		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-May-2015 10:29:56	Calib Date:	24-May-2015 14:43:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK014				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 135 BFB	95	2.921	2.921	0.000	90	34046	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

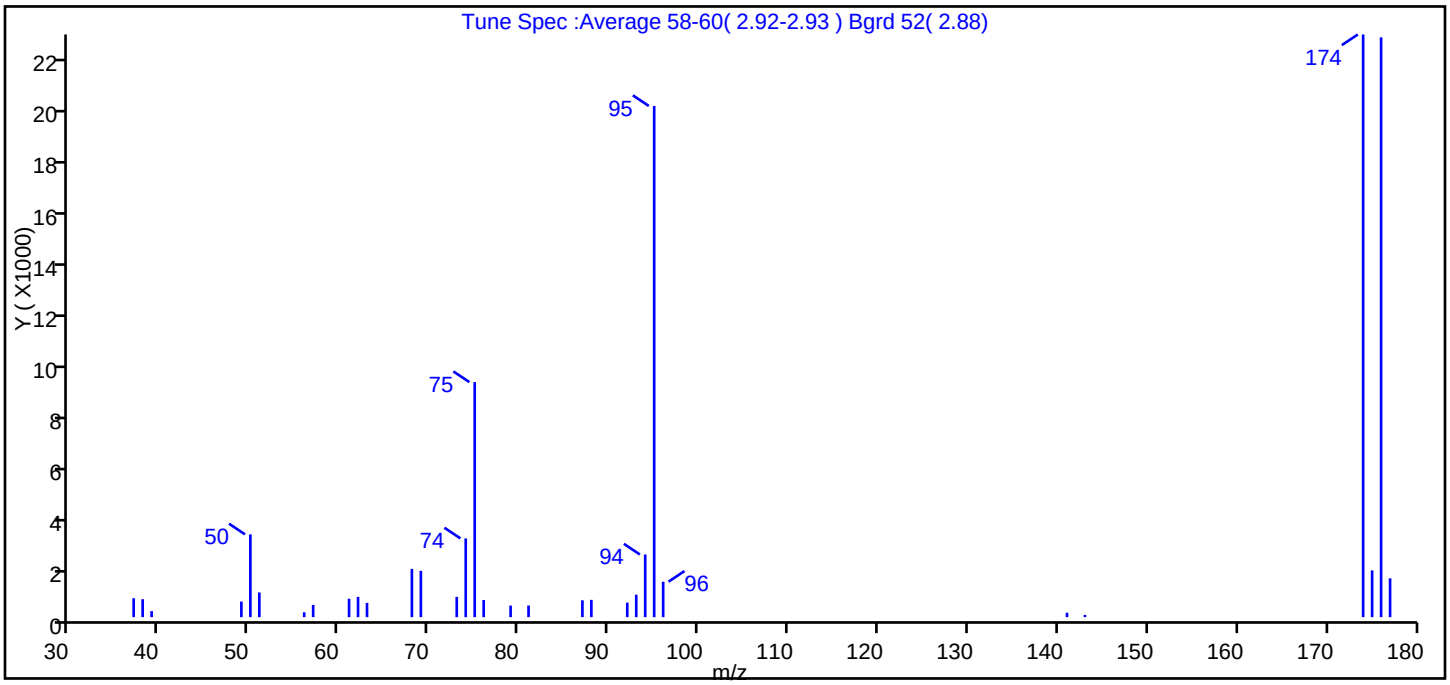
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27884.D
Injection Date: 26-May-2015 06:19:30 Instrument ID: CVOAMS6
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 135 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.2
75	30 to 60% of m/z 95	46.0
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	114.0
175	5 to 9% of m/z 174	9.1 (8.0)
176	Greater than 95% but less than 101% of m/z 174	113.4 (99.5)
177	5 to 9% of m/z 176	7.6 (6.7)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27884.D\8260624W6.rslt\spectra.d
Injection Date: 26-May-2015 06:19:30
Spectrum: Tune Spec :Average 58-60(2.92-2.93) Bgrd 52(2.88)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 32

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	738	61.00	718	76.00	668	95.00	19952
38.00	700	62.00	792	79.00	451	96.00	1383
39.00	235	63.00	557	81.00	453	141.00	172
49.00	608	68.00	1883	87.00	657	143.00	89
50.00	3231	69.00	1808	88.00	675	174.00	22744
51.00	963	73.00	791	92.00	566	175.00	1825
56.00	190	74.00	3074	93.00	875	176.00	22632
57.00	477	75.00	9175	94.00	2445	177.00	1514

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-300508/8

Matrix: Solid Lab File ID: D10463.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2015 21:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 300508 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
91-20-3	Naphthalene	1.0	U	1.0	0.12
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
460-00-4	4-Bromofluorobenzene	98		70-130
2037-26-5	Toluene-d8 (Surr)	113		70-130
1868-53-7	Dibromofluoromethane (Surr)	105		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10463.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-May-2015 21:29:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0027739-008
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 12:44:58 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 26-May-2015 12:46:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
18 Acetone	43	3.199	3.199	0.000	70	4050		5.33	
* 27 TBA-d9 (IS)	65	3.650	3.650	0.000	87	278152	1000.0	1000.0	
* 157 2-Butanone-d5	46	4.936	4.936	0.000	98	192623	250.0	250.0	
$ 50 Dibromofluoromethane (Surr	113	5.509	5.509	0.000	95	126516	50.0	52.6	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.936	5.930	0.006	97	26653	50.0	53.1	
* 61 Fluorobenzene	96	6.265	6.265	0.000	99	414759	50.0	50.0	
* 68 1,4-Dioxane-d8	96	7.106	7.106	0.000	34	23216	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.009	8.009	0.000	99	457202	50.0	56.4	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	328480	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	83	121680	50.0	49.1	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	97	165593	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00021 Amount Added: 1.00 Units: uL Run Reagent

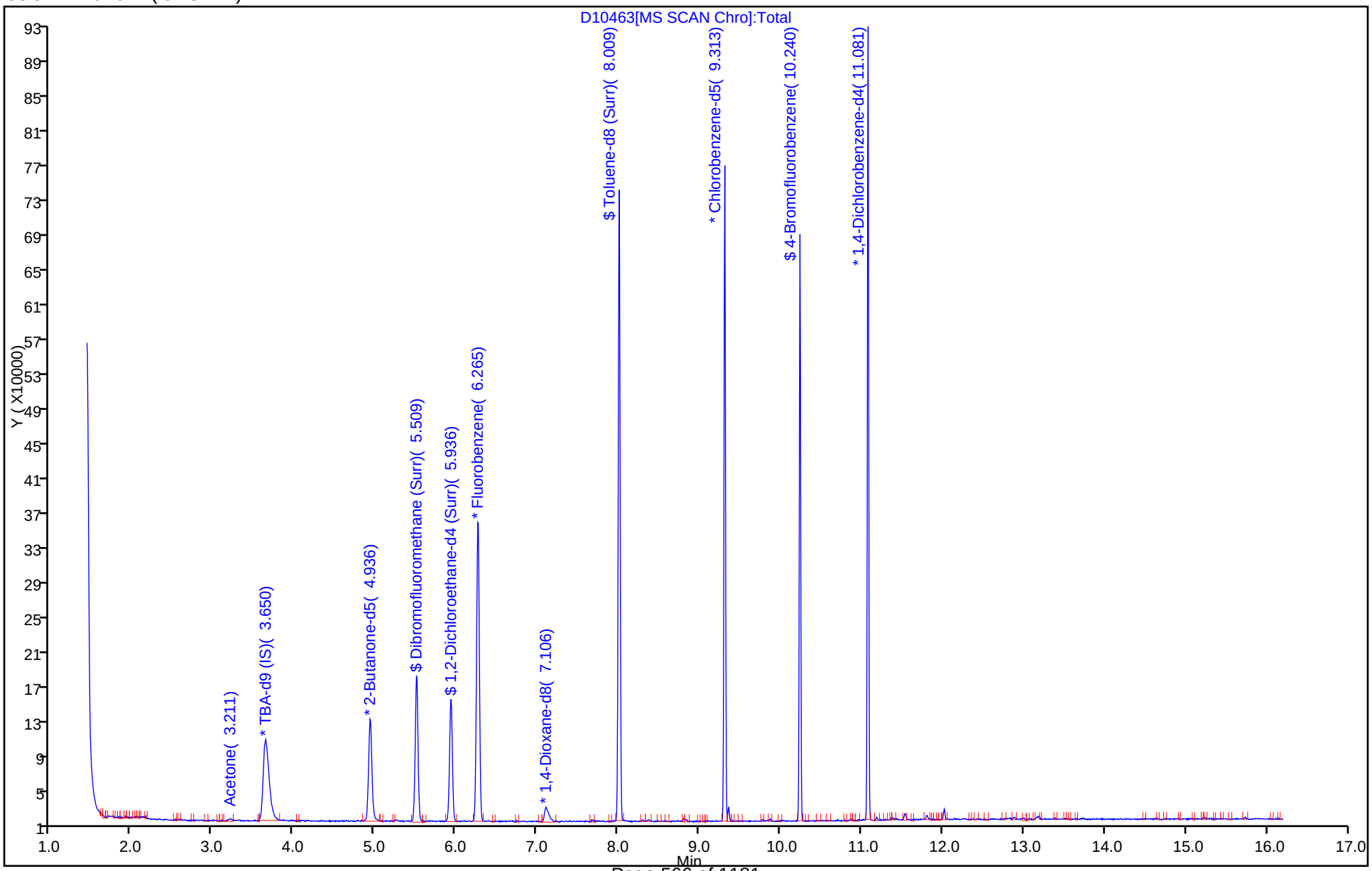
Report Date: 26-May-2015 12:46:28 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10463.D

Injection Date:	22-May-2015 21:29:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300519/8

Matrix: Solid | Lab File ID: B82968.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2015 22:54

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300519 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	50	U	50	9.5
100-41-4	Ethylbenzene	50	U	50	15
95-63-6	1,2,4-Trimethylbenzene	50	U	50	12
1634-04-4	Methyl tert-butyl ether	50	U	50	6.5
108-67-8	1,3,5-Trimethylbenzene	50	U	50	13
91-20-3	Naphthalene	50	U	50	13
98-82-8	Isopropylbenzene	50	U	50	16
103-65-1	N-Propylbenzene	50	U	50	15
99-87-6	4-Isopropyltoluene	50	U	50	13
135-98-8	sec-Butylbenzene	50	U	50	16
98-06-6	tert-Butylbenzene	50	U	50	14
108-88-3	Toluene	50	U	50	13
104-51-8	n-Butylbenzene	50	U	50	14
1330-20-7	Xylenes, Total	100	U	100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-135
460-00-4	4-Bromofluorobenzene	106		72-133
2037-26-5	Toluene-d8 (Surr)	106		59-150
1868-53-7	Dibromofluoromethane (Surr)	106		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82968.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 22-May-2015 22:54:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0027742-008
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 11:16:37 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 26-May-2015 11:17:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.648	2.656	-0.008	86	361084	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	97	249062	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.277	-0.008	95	145935	50.0	53.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.656	-0.008	96	187915	50.0	51.1	
* 62 Fluorobenzene	96	4.960	4.969	-0.009	99	545606	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.825	5.825	0.000	94	30910	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.960	-0.008	99	568244	50.0	52.8	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	489711	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	88	183852	50.0	53.0	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.647	-0.008	97	278183	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

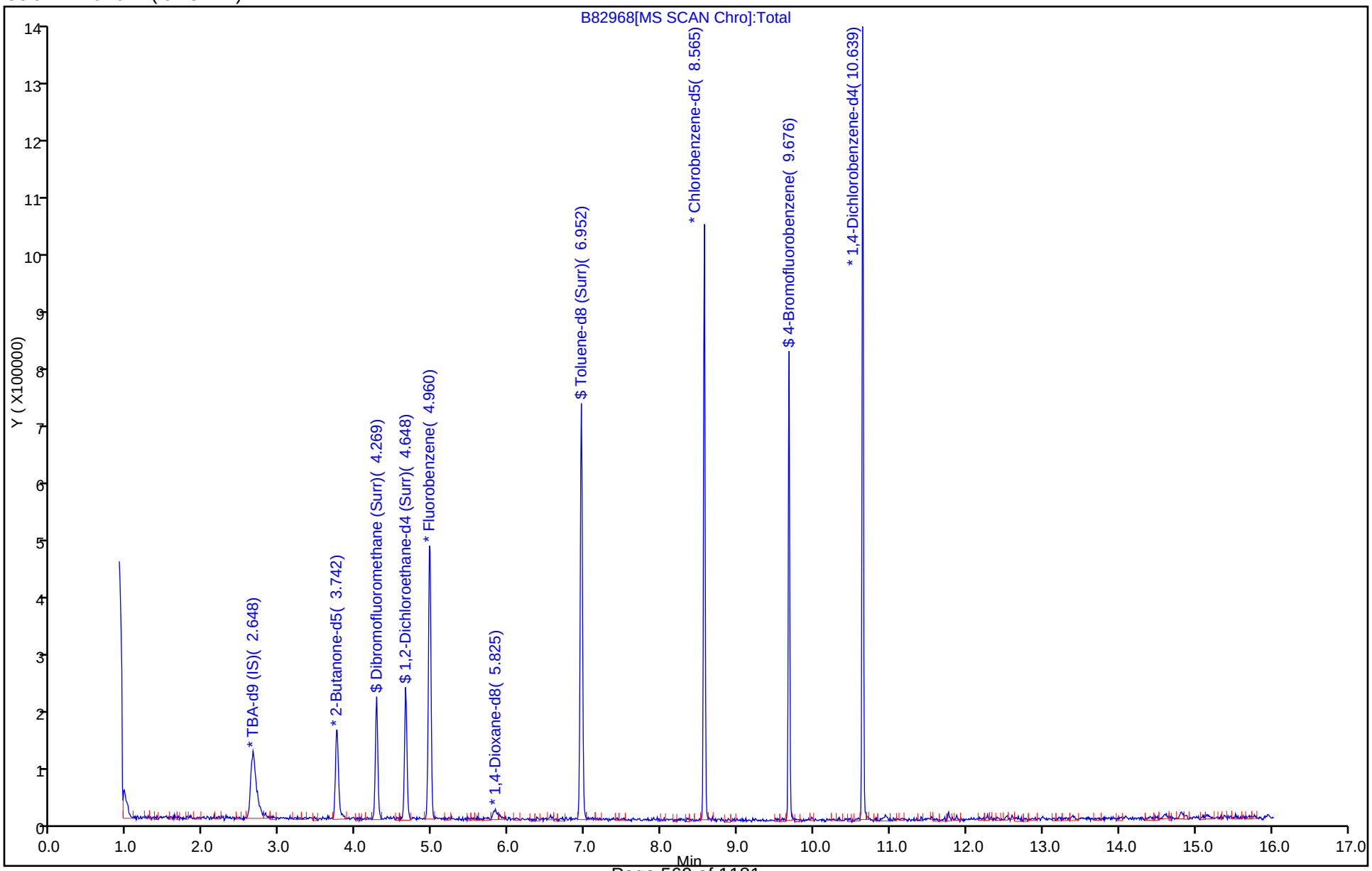
Report Date: 26-May-2015 11:17:15 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82968.D

Injection Date:	22-May-2015 22:54:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300778/7

Matrix: Water | Lab File ID: F27890.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 09:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.090
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.23
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.25
91-20-3	Naphthalene	1.0	U	1.0	0.26
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
103-65-1	N-Propylbenzene	1.0	U	1.0	0.29
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.26
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.31
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.28
108-88-3	Toluene	1.0	U	1.0	0.25
104-51-8	n-Butylbenzene	1.0	U	1.0	0.27
1330-20-7	Xylenes, Total	2.0	U	2.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-130
460-00-4	4-Bromofluorobenzene	98		64-135
2037-26-5	Toluene-d8 (Surr)	95		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27890.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-May-2015 09:21:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0027791-007
Operator ID: Instrument ID: CVOAMS6

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 10:45:16 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: moroneyc Date: 26-May-2015 10:45:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	46	1.980	1.986	-0.006	95	51946	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	83024	50.0	49.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	96	76166	50.0	46.3	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	341035	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.146	4.140	0.006	96	16252	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	4.949	4.943	0.006	99	196742	50.0	47.3	
* 90 Chlorobenzene-d5	117	6.549	6.549	0.000	83	260903	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	8.131	8.125	0.005	96	106896	50.0	48.9	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	92	206982	50.0	50.0	

Reagents:

8260SURR250_00072 Amount Added: 1.00 Units: uL Run Reagent
8260 INTSTD C_00066 Amount Added: 1.00 Units: uL Run Reagent

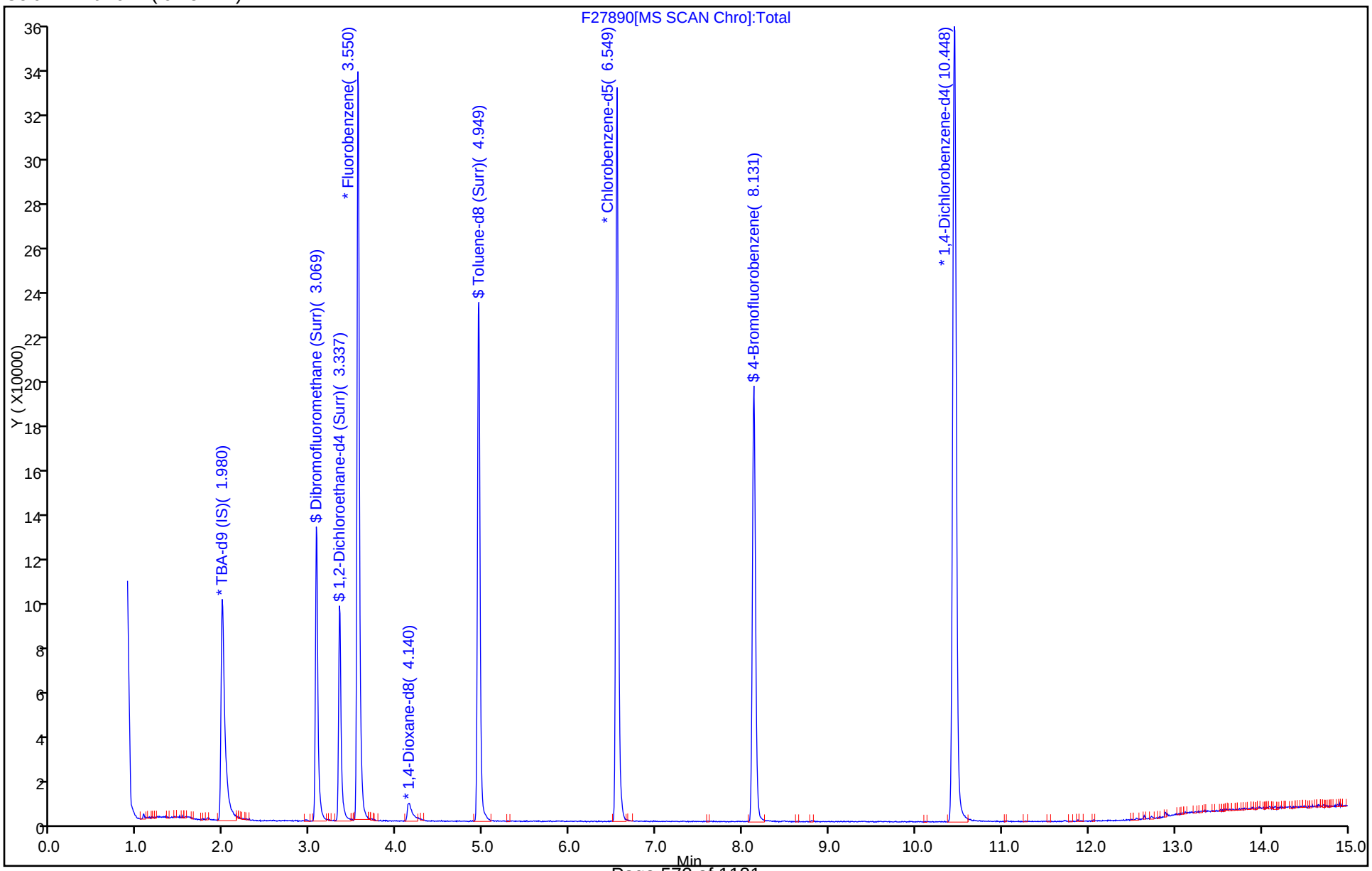
Report Date: 26-May-2015 10:45:25 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27890.D

Injection Date:	26-May-2015 09:21:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300803/8

Matrix: Solid | Lab File ID: B83025.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 13:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300803 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	50	U	50	9.5
100-41-4	Ethylbenzene	50	U	50	15
95-63-6	1,2,4-Trimethylbenzene	50	U	50	12
1634-04-4	Methyl tert-butyl ether	50	U	50	6.5
108-67-8	1,3,5-Trimethylbenzene	50	U	50	13
91-20-3	Naphthalene	50	U	50	13
98-82-8	Isopropylbenzene	50	U	50	16
103-65-1	N-Propylbenzene	50	U	50	15
99-87-6	4-Isopropyltoluene	50	U	50	13
135-98-8	sec-Butylbenzene	50	U	50	16
98-06-6	tert-Butylbenzene	50	U	50	14
108-88-3	Toluene	50	U	50	13
104-51-8	n-Butylbenzene	50	U	50	14
1330-20-7	Xylenes, Total	100	U	100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-135
460-00-4	4-Bromofluorobenzene	103		72-133
2037-26-5	Toluene-d8 (Surr)	106		59-150
1868-53-7	Dibromofluoromethane (Surr)	113		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83025.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-May-2015 13:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0027798-008
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 17:23:32 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: martineze Date: 26-May-2015 14:39:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.648	2.656	-0.008	86	353780	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.743	3.751	-0.009	97	243104	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	93	153986	1.00	56.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	95	190073	1.00	52.1	
* 62 Fluorobenzene	96	4.960	4.960	0.000	99	541827	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	89	35777	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	99	597610	1.00	52.9	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	87	513298	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	92	187475	1.00	51.6	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	97	294788	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 26-May-2015 19:24:55 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83025.D

Injection Date: 26-May-2015 13:03:30 Instrument ID: CVOAMS2 Operator ID:

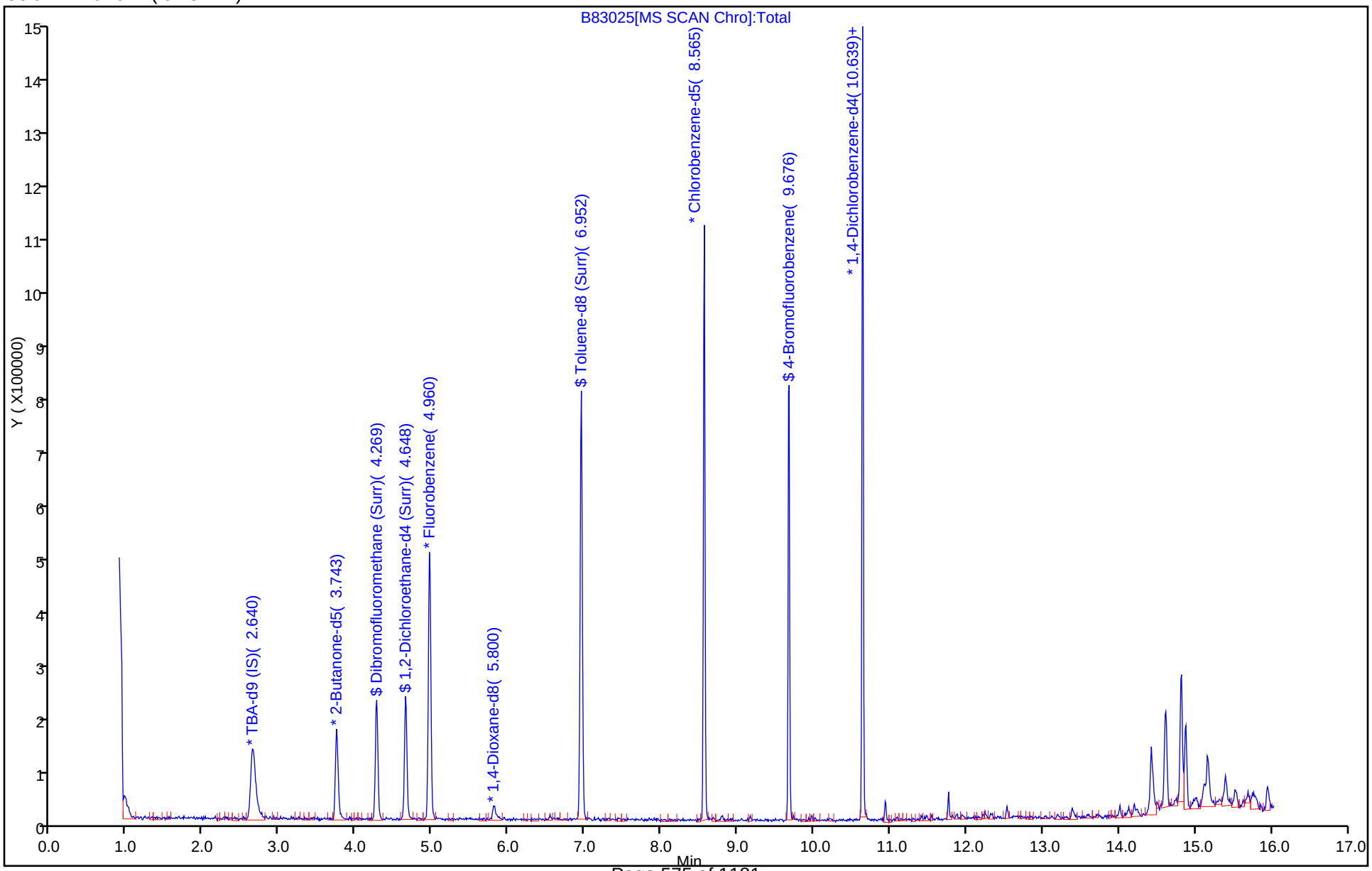
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 7

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-300938/7

Matrix: Solid Lab File ID: O98837.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/26/2015 23:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 300938 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
91-20-3	Naphthalene	1.0	U	1.0	0.12
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
460-00-4	4-Bromofluorobenzene	108		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
1868-53-7	Dibromofluoromethane (Surr)	124		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98837.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-May-2015 23:41:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0027822-007
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:40:02 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: baronm Date: 27-May-2015 13:40:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
18 Acetone	43	1.910	1.910	0.000	87	3532		6.63	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	198316	1000.0	1000.0	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	100	123206	250.0	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.552	3.559	-0.007	98	112313	50.0	62.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	97	95711	50.0	61.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	294158	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	98	20132	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	429258	50.0	45.6	
* 91 Chlorobenzene-d5	117	7.920	7.921	0.000	85	355032	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	176107	50.0	54.2	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	197565	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

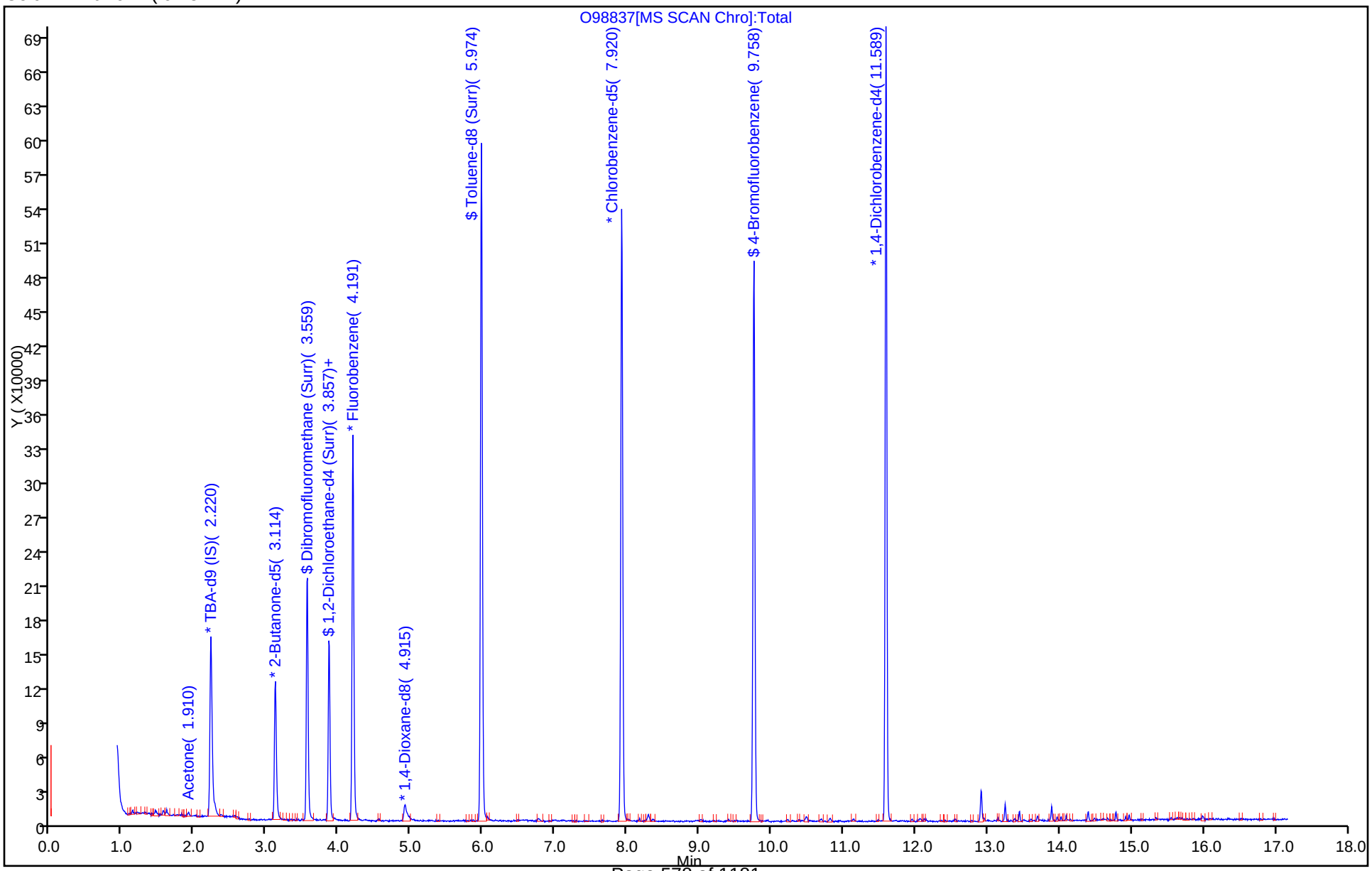
Report Date: 27-May-2015 13:40:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98837.D

Injection Date:	26-May-2015 23:41:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-299917/1-A

Matrix: Solid | Lab File ID: D10467.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/22/2015 23:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
91-20-3	Naphthalene	1.0	U	1.0	0.12
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	95		70-130
2037-26-5	Toluene-d8 (Surr)	109		70-130
1868-53-7	Dibromofluoromethane (Surr)	101		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10467.D
Lims ID: LB3 460-299917/1-A
Client ID:
Sample Type: LB3
Inject. Date: 22-May-2015 23:07:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-299917/1-A
Misc. Info.: 460-0027739-012
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 12:44:58 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 26-May-2015 12:25:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
18 Acetone	43	3.217	3.199	0.018	85	2932		3.93	
26 Methylene Chloride	84	3.625	3.619	0.006	50	1426		0.3590	
* 27 TBA-d9 (IS)	65	3.650	3.650	0.000	87	273893	1000.0	1000.0	
* 157 2-Butanone-d5	46	4.936	4.936	0.000	98	189311	250.0	250.0	
$ 50 Dibromofluoromethane (Surr	113	5.515	5.509	0.006	95	130162	50.0	50.7	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.936	5.930	0.006	97	27598	50.0	51.5	
* 61 Fluorobenzene	96	6.271	6.265	0.006	99	442982	50.0	50.0	
* 68 1,4-Dioxane-d8	96	7.106	7.106	0.000	30	21305	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	8.009	8.009	0.000	99	489179	50.0	54.3	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	364712	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	10.246	10.240	0.006	87	130796	50.0	47.3	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	98	184766	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00021 Amount Added: 1.00 Units: uL Run Reagent

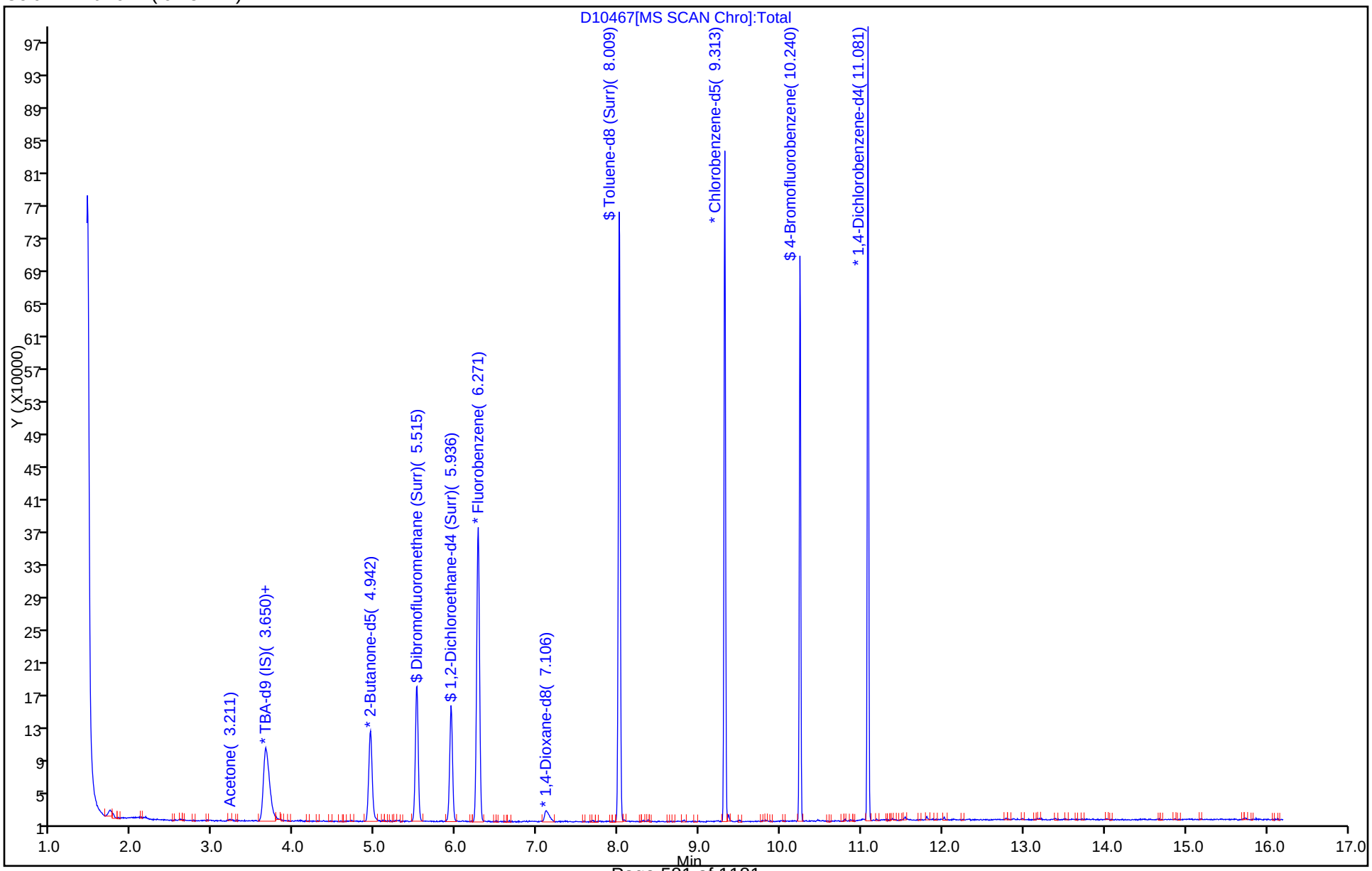
Report Date: 26-May-2015 12:47:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10467.D

Injection Date:	22-May-2015 23:07:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LB3 460-299917/1-A			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300508/4

Matrix: Solid | Lab File ID: D10459.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2015 19:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	22.0		1.0	0.20
100-41-4	Ethylbenzene	20.2		1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	21.0		1.0	0.34
1634-04-4	Methyl tert-butyl ether	19.9		1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	21.0		1.0	0.13
91-20-3	Naphthalene	17.9		1.0	0.12
98-82-8	Isopropylbenzene	19.8		1.0	0.17
103-65-1	N-Propylbenzene	22.4		1.0	0.18
99-87-6	4-Isopropyltoluene	20.5		1.0	0.15
135-98-8	sec-Butylbenzene	21.2		1.0	0.17
98-06-6	tert-Butylbenzene	19.4		1.0	0.34
108-88-3	Toluene	19.8		1.0	0.19
104-51-8	n-Butylbenzene	22.6		1.0	0.21
1330-20-7	Xylenes, Total	39.0		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	91		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
1868-53-7	Dibromofluoromethane (Surr)	94		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10459.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-May-2015 19:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0027739-004
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 12:42:42 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: boykink Date: 23-May-2015 02:58:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.583	1.583	0.000	66	41048	20.0	18.8	
2 Dichlorodifluoromethane	85	1.613	1.620	-0.007	99	111737	20.0	21.1	
3 Chloromethane	50	1.790	1.790	0.000	99	93372	20.0	24.1	
4 Vinyl chloride	62	1.918	1.918	0.000	98	98618	20.0	26.2	
5 Butadiene	54	1.924	1.924	0.000	96	82782	20.0	25.0	
6 Bromomethane	94	2.254	2.248	0.006	98	65124	20.0	22.0	
7 Chloroethane	64	2.351	2.339	0.012	99	59664	20.0	23.8	
9 Dichlorofluoromethane	67	2.577	2.577	0.000	98	159213	20.0	22.6	
8 Trichlorofluoromethane	101	2.583	2.577	0.006	49	122934	20.0	19.5	
10 Pentane	72	2.601	2.595	0.006	97	32015	40.0	45.3	
11 Ethanol	46	2.845	2.863	-0.018	67	13452	800.0	679.0	
12 Ethyl ether	59	2.839	2.839	0.000	93	55059	20.0	21.4	
13 2-Methyl-1,3-butadiene	53	2.857	2.857	0.000	93	66406	20.0	22.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.918	2.918	0.000	92	64628	20.0	19.4	
15 Acrolein	56	3.046	3.046	0.000	96	50369	300.0	349.6	
16 1,1,2-Trichloro-1,2,2-trif	101	3.071	3.077	-0.006	65	84095	20.0	21.7	
17 1,1-Dichloroethene	96	3.077	3.077	0.000	98	74925	20.0	21.7	
18 Acetone	43	3.205	3.199	0.006	88	76026	100.0	86.8	
19 Iodomethane	142	3.260	3.253	0.007	99	127481	20.0	17.9	
20 Carbon disulfide	76	3.290	3.290	0.000	98	274398	20.0	22.6	
21 Isopropyl alcohol	45	3.333	3.327	0.006	99	41989	200.0	182.1	
22 3-Chloro-1-propene	76	3.467	3.467	0.000	88	44145	20.0	20.8	
23 Cyclopentene	67	3.485	3.485	0.000	92	213893	20.0	23.9	
24 Methyl acetate	43	3.491	3.491	0.000	98	250615	100.0	102.6	
25 Acetonitrile	41	3.564	3.558	0.006	100	53999	200.0	167.2	
26 Methylene Chloride	84	3.625	3.619	0.006	90	83527	20.0	21.0	
* 27 TBA-d9 (IS)	65	3.650	3.650	0.000	88	327069	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.729	3.735	-0.006	94	80834	200.0	192.5	
29 Methyl tert-butyl ether	73	3.833	3.826	0.007	96	199465	20.0	19.9	
30 trans-1,2-Dichloroethene	96	3.851	3.851	0.000	95	80598	20.0	20.2	
31 Acrylonitrile	53	3.942	3.948	-0.006	94	216486	200.0	189.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.040	4.040	0.000	89	117219	20.0	23.7	
33 Isopropyl ether	45	4.314	4.314	0.000	96	204907	20.0	20.6	
34 1,1-Dichloroethane	63	4.339	4.332	0.007	99	142077	20.0	21.4	
35 Vinyl acetate	86	4.369	4.369	0.000	99	8699	40.0	27.4	
36 2-Chloro-1,3-butadiene	88	4.387	4.387	0.000	89	72116	20.0	20.4	
38 Allyl alcohol	57	4.412	4.412	0.000	35	30704	500.0	452.8	
37 Tert-butyl ethyl ether	59	4.698	4.698	0.000	89	212531	20.0	20.3	
* 157 2-Butanone-d5	46	4.936	4.936	0.000	91	222796	250.0	250.0	
39 2,2-Dichloropropane	79	4.942	4.942	0.000	87	36598	20.0	16.9	
40 cis-1,2-Dichloroethene	96	4.973	4.967	0.007	98	85347	20.0	19.7	
41 2-Butanone (MEK)	72	5.003	5.003	0.000	98	36362	100.0	85.6	
57 Ethyl acetate	70	5.015	5.003	0.012	95	11691	40.0	31.9	
42 Methyl acrylate	55	5.076	5.076	0.000	100	50238	20.0	19.8	
43 Propionitrile	54	5.162	5.168	-0.006	98	82129	200.0	197.5	
44 Chlorobromomethane	128	5.247	5.247	0.000	90	38463	20.0	18.1	
45 Tetrahydrofuran	72	5.253	5.253	0.000	51	16831	40.0	34.7	
46 Methacrylonitrile	67	5.284	5.284	0.000	88	250217	200.0	204.2	
47 Chloroform	83	5.320	5.320	0.000	99	132228	20.0	19.7	
48 Cyclohexane	56	5.466	5.460	0.006	88	137069	20.0	23.3	
49 1,1,1-Trichloroethane	97	5.485	5.491	-0.006	98	110831	20.0	18.3	
$ 50 Dibromofluoromethane (Surr	113	5.509	5.509	0.000	95	120804	50.0	47.0	
51 Carbon tetrachloride	117	5.625	5.631	-0.006	98	92256	20.0	16.6	
52 1,1-Dichloropropene	75	5.668	5.668	0.000	99	98930	20.0	19.4	
53 Isobutyl alcohol	43	5.863	5.869	-0.006	41	115354	500.0	424.6	
54 Benzene	78	5.905	5.905	0.000	97	294280	20.0	22.0	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.936	5.930	0.006	98	26250	50.0	48.9	
56 Tert-amyl methyl ether	73	6.003	6.003	0.000	91	245077	20.0	19.8	
58 Isopropyl acetate	43	6.009	6.009	0.000	99	171210	20.0	19.8	
59 1,2-Dichloroethane	62	6.027	6.027	0.000	97	83614	20.0	19.3	
60 n-Heptane	57	6.113	6.119	-0.006	87	65548	20.0	22.3	
* 61 Fluorobenzene	96	6.265	6.265	0.000	99	443122	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.539	6.533	0.006	97	426214	40.0	45.5	
63 n-Butanol	56	6.673	6.673	0.000	84	46655	500.0	371.9	
64 Trichloroethene	95	6.698	6.698	0.000	97	78060	20.0	19.0	
65 Methylcyclohexane	83	6.838	6.844	-0.006	94	144708	20.0	21.6	
66 Ethyl acrylate	73	6.862	6.869	-0.007	97	5152	20.0	16.7	
67 1,2-Dichloropropane	63	7.027	7.033	-0.006	94	74030	20.0	20.7	
* 68 1,4-Dioxane-d8	96	7.106	7.106	0.000	85	25586	1000.0	1000.0	
69 Methyl methacrylate	100	7.131	7.131	0.000	83	30011	40.0	32.1	
71 1,4-Dioxane	88	7.161	7.173	-0.012	39	14741	400.0	387.8	
70 Dibromomethane	93	7.167	7.161	0.006	91	43899	20.0	18.1	
72 n-Propyl acetate	43	7.198	7.192	0.006	97	72001	20.0	18.3	
73 Dichlorobromomethane	83	7.326	7.326	0.000	99	90538	20.0	17.5	
74 2-Nitropropane	41	7.655	7.655	0.000	90	23794	40.0	30.7	
75 2-Chloroethyl vinyl ether	63	7.661	7.661	0.000	87	37131	20.0	17.8	
76 Epichlorohydrin	57	7.753	7.753	0.000	99	109499	400.0	316.4	
77 cis-1,3-Dichloropropene	75	7.795	7.801	-0.006	89	106581	20.0	18.7	
78 4-Methyl-2-pentanone (MIBK	43	7.948	7.948	0.000	94	259698	100.0	79.8	
$ 79 Toluene-d8 (Surr)	98	8.009	8.009	0.000	99	465070	50.0	51.2	
80 Toluene	91	8.076	8.070	0.006	93	289741	20.0	19.8	
81 trans-1,3-Dichloropropene	75	8.356	8.356	0.000	92	81979	20.0	16.5	
82 Ethyl methacrylate	69	8.380	8.380	0.000	87	74739	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	96	50029	20.0	19.5	
84 Tetrachloroethene	166	8.551	8.551	0.000	91	61889	20.0	16.7	
85 1,3-Dichloropropane	76	8.673	8.673	0.000	89	96593	20.0	19.8	
86 2-Hexanone	43	8.722	8.722	0.000	93	175682	100.0	78.2	
87 n-Butyl acetate	73	8.801	8.801	0.000	97	13372	20.0	18.8	
88 Chlorodibromomethane	129	8.838	8.838	0.000	98	60347	20.0	15.8	
89 Ethylene Dibromide	107	8.947	8.947	0.000	99	56178	20.0	17.5	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	367592	50.0	50.0	
91 Chlorobenzene	112	9.338	9.332	0.006	94	180795	20.0	18.5	
92 Ethylbenzene	106	9.399	9.392	0.007	98	105364	20.0	20.2	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	62706	20.0	17.3	
94 m-Xylene & p-Xylene	106	9.496	9.490	0.006	99	125159	20.0	19.2	
95 n-Butyl acrylate	73	9.783	9.783	0.000	98	45061	20.0	16.4	
96 o-Xylene	106	9.813	9.813	0.000	93	125776	20.0	19.8	
97 Styrene	104	9.831	9.831	0.000	96	202285	20.0	19.6	
98 Amyl acetate (mixed isomer	43	9.953	9.947	0.006	93	88319	20.0	20.3	
99 Bromoform	173	10.002	10.002	0.000	93	33253	20.0	13.4	
100 Isopropylbenzene	105	10.081	10.081	0.000	95	333355	20.0	19.8	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	84	123561	50.0	45.7	
104 Camphene	41	10.258	10.258	0.000	94	25682	20.0	21.2	
102 Bromobenzene	156	10.350	10.350	0.000	95	67780	20.0	17.8	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.362	0.006	98	76474	20.0	20.8	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	410489	20.0	22.4	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	98	20514	20.0	18.8	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	90	17417	20.0	17.1	
108 4-Ethyltoluene	105	10.478	10.472	0.006	99	334121	20.0	21.2	
109 2-Chlorotoluene	91	10.478	10.478	0.000	95	269866	20.0	22.1	
110 1,3,5-Trimethylbenzene	105	10.520	10.520	0.000	93	273965	20.0	21.0	
111 4-Chlorotoluene	91	10.569	10.563	0.006	98	232800	20.0	20.9	
112 Butyl Methacrylate	87	10.575	10.575	0.000	88	87680	20.0	20.2	
113 tert-Butylbenzene	119	10.752	10.752	0.000	93	217831	20.0	19.4	
114 1,2,4-Trimethylbenzene	105	10.795	10.795	0.000	97	281477	20.0	21.0	
115 sec-Butylbenzene	105	10.910	10.910	0.000	99	360255	20.0	21.2	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	98	298714	20.0	20.5	
117 1,3-Dichlorobenzene	146	11.026	11.026	0.000	94	134210	20.0	18.6	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	96	180564	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.093	11.093	0.000	93	132370	20.0	17.5	
120 Benzyl chloride	126	11.197	11.197	0.000	98	24210	20.0	14.4	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	296771	20.0	18.8	
122 p-Diethylbenzene	119	11.276	11.276	0.000	91	193252	20.0	20.6	
123 n-Butylbenzene	92	11.295	11.295	0.000	98	172503	20.0	22.6	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	94	128784	20.0	18.3	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.874	0.006	96	270434	20.0	19.2	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	97	14085	20.0	14.7	
127 1,3,5-Trichlorobenzene	180	12.111	12.111	0.000	96	101324	20.0	17.6	
128 Camphor	95	12.617	12.617	0.000	91	36968	100.0	76.1	
129 1,2,4-Trichlorobenzene	180	12.709	12.709	0.000	94	93385	20.0	17.2	
130 Hexachlorobutadiene	225	12.813	12.813	0.000	90	44209	20.0	17.8	
131 Naphthalene	128	12.989	12.989	0.000	99	243388	20.0	17.9	
132 1,2,3-Trichlorobenzene	180	13.264	13.258	0.006	95	87315	20.0	17.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 134 Xylenes, Total	100				0		40.0	39.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		100.0	101.0	

Reagents:

GASES Li_00103	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00021	Amount Added:	1.00	Units: uL	Run Reagent	

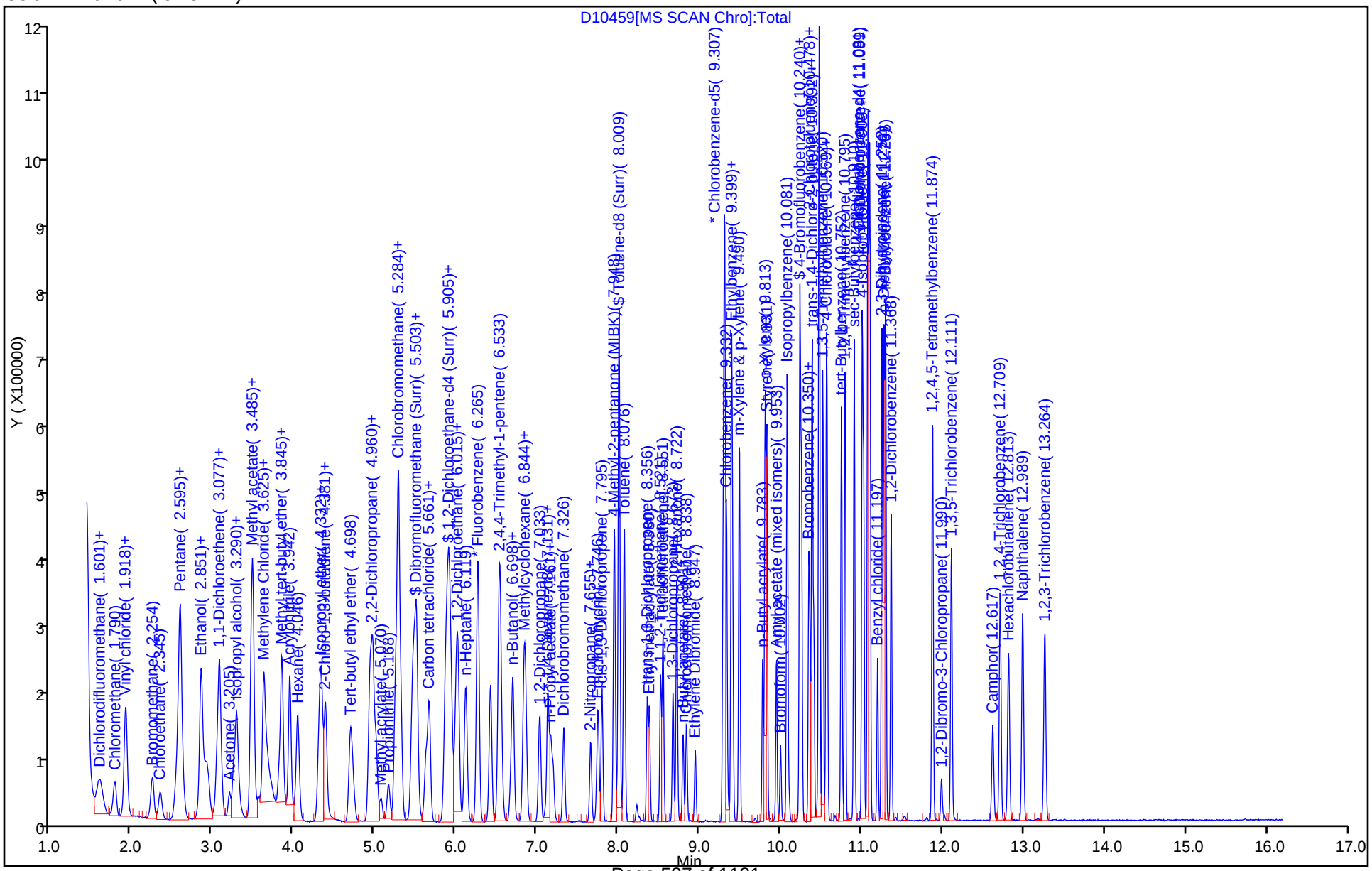
Report Date: 26-May-2015 12:42:43 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10459.D

Injection Date:	22-May-2015 19:46:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300519/4

Matrix: Solid | Lab File ID: B82964.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/22/2015 21:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300519 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1080		50	9.5
100-41-4	Ethylbenzene	982		50	15
95-63-6	1,2,4-Trimethylbenzene	1070		50	12
1634-04-4	Methyl tert-butyl ether	1010		50	6.5
108-67-8	1,3,5-Trimethylbenzene	975		50	13
91-20-3	Naphthalene	721		50	13
98-82-8	Isopropylbenzene	1030		50	16
103-65-1	N-Propylbenzene	1030		50	15
99-87-6	4-Isopropyltoluene	1000		50	13
135-98-8	sec-Butylbenzene	1010		50	16
98-06-6	tert-Butylbenzene	1020		50	14
108-88-3	Toluene	1080		50	13
104-51-8	n-Butylbenzene	1010		50	14
1330-20-7	Xylenes, Total	2150		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-135
460-00-4	4-Bromofluorobenzene	101		72-133
2037-26-5	Toluene-d8 (Surr)	104		59-150
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82964.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 22-May-2015 21:18:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0027742-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 11:15:24 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: tupayachia Date: 23-May-2015 19:24:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.093	0.008	88	17682	20.0	21.1	
2 Dichlorodifluoromethane	85	1.117	1.109	0.008	98	117086	20.0	22.4	
3 Chloromethane	50	1.241	1.232	0.009	99	97323	20.0	21.5	
5 Butadiene	54	1.323	1.315	0.008	92	95188	20.0	22.1	
4 Vinyl chloride	62	1.323	1.315	0.008	97	109409	20.0	21.6	
6 Bromomethane	94	1.553	1.553	0.000	97	82205	20.0	20.3	
7 Chloroethane	64	1.619	1.611	0.008	98	60392	20.0	21.3	
9 Dichlorofluoromethane	67	1.800	1.784	0.016	98	166978	20.0	21.1	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	69	119853	20.0	19.3	
8 Pentane	72	1.809	1.809	0.000	95	22219	40.0	46.2	
11 Ethyl ether	59	1.998	1.990	0.008	85	58352	20.0	20.0	
12 Ethanol	46	1.998	1.998	0.000	59	10045	800.0	584.3	M
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	94	69483	20.0	22.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.064	2.055	0.009	92	63484	20.0	23.1	
15 Acrolein	56	2.162	2.171	-0.009	29	8064	40.0	45.1	M
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	51	66813	20.0	20.9	
17 1,1-Dichloroethene	96	2.179	2.179	0.000	96	74225	20.0	21.4	
18 Acetone	43	2.278	2.278	0.000	86	71822	100.0	77.0	
19 Iodomethane	142	2.311	2.311	0.000	98	125901	20.0	20.8	
20 Carbon disulfide	76	2.335	2.327	0.008	99	280291	20.0	21.6	
21 Isopropyl alcohol	45	2.409	2.401	0.008	30	33114	200.0	174.8	
22 3-Chloro-1-propene	76	2.492	2.483	0.009	49	52836	20.0	26.8	
23 Cyclopentene	67	2.500	2.492	0.008	89	215058	20.0	23.0	
24 Methyl acetate	43	2.525	2.516	0.009	99	344804	100.0	108.7	
25 Acetonitrile	41	2.574	2.574	0.000	90	73802	200.0	154.8	
26 Methylene Chloride	84	2.623	2.615	0.008	90	89101	20.0	20.7	
* 27 TBA-d9 (IS)	65	2.656	2.656	0.000	87	372428	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.739	2.739	0.000	52	83408	200.0	175.5	
29 Methyl tert-butyl ether	73	2.796	2.780	0.016	96	236036	20.0	20.3	
30 trans-1,2-Dichloroethene	96	2.813	2.796	0.017	96	82107	20.0	19.9	
31 Acrylonitrile	53	2.895	2.887	0.008	95	288645	200.0	225.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.969	2.969	0.000	91	40093	20.0	24.9	
34 Isopropyl ether	45	3.208	3.208	0.000	99	270573	20.0	21.8	
33 1,1-Dichloroethane	63	3.224	3.216	0.008	97	156018	20.0	21.6	
35 2-Chloro-1,3-butadiene	88	3.265	3.257	0.008	90	75474	20.0	21.5	
36 Vinyl acetate	86	3.273	3.265	0.008	83	11538	40.0	88.2	
37 Allyl alcohol	57	3.331	3.331	0.000	41	8555	500.0	186.1	
38 Tert-butyl ethyl ether	59	3.553	3.545	0.008	88	255333	20.0	20.5	
39 2,2-Dichloropropane	41	3.743	3.751	-0.008	77	66638	20.0	20.3	
* 158 2-Butanone-d5	46	3.759	3.751	0.008	91	279218	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.784	3.775	0.009	98	96336	20.0	21.2	
41 2-Butanone (MEK)	72	3.817	3.808	0.009	90	34829	100.0	83.8	
42 Ethyl acetate	70	3.833	3.825	0.008	98	13033	40.0	37.7	
43 Methyl acrylate	55	3.882	3.882	0.000	99	64956	20.0	21.6	
44 Propionitrile	54	3.965	3.965	0.000	98	108330	200.0	213.0	
46 Tetrahydrofuran	72	4.031	4.006	0.025	63	20313	40.0	41.2	
45 Chlorobromomethane	128	4.022	4.022	0.000	85	44092	20.0	22.4	
47 Methacrylonitrile	67	4.072	4.063	0.009	91	336732	200.0	223.8	
48 Chloroform	83	4.105	4.105	0.000	99	140197	20.0	19.8	
49 Cyclohexane	84	4.203	4.195	0.008	91	104191	20.0	22.6	
50 1,1,1-Trichloroethane	97	4.236	4.236	0.000	97	119261	20.0	20.5	
$ 51 Dibromofluoromethane (Surr	113	4.277	4.277	0.000	94	161127	50.0	52.1	
52 Carbon tetrachloride	117	4.360	4.360	0.000	93	86384	20.0	18.9	
53 1,1-Dichloropropene	75	4.409	4.409	0.000	97	103185	20.0	22.5	
54 Isooctane	57	4.607	4.598	0.009	95	138335	20.0	28.4	
55 Benzene	78	4.623	4.623	0.000	96	338679	20.0	21.6	
56 Isobutyl alcohol	43	4.648	4.656	-0.008	50	82242	500.0	470.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.656	0.000	95	201014	50.0	48.8	
59 Isopropyl acetate	87	4.730	4.730	0.000	98	71994	20.0	20.8	
58 Tert-amyl methyl ether	73	4.738	4.730	0.008	94	279339	20.0	20.5	
60 1,2-Dichloroethane	62	4.747	4.747	0.000	93	114108	20.0	19.6	
61 n-Heptane	57	4.854	4.837	0.017	89	30563	20.0	27.1	
* 62 Fluorobenzene	96	4.977	4.969	0.008	99	612135	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.232	5.224	0.008	94	232115	40.0	44.2	
64 Trichloroethene	95	5.389	5.380	0.008	95	78517	20.0	20.7	
65 n-Butanol	56	5.446	5.446	0.000	80	30656	500.0	339.2	
66 Methylcyclohexane	83	5.512	5.512	0.000	93	77613	20.0	20.1	
67 Ethyl acrylate	55	5.594	5.594	0.000	98	90052	20.0	19.8	
68 1,2-Dichloropropane	63	5.726	5.718	0.008	90	85156	20.0	21.5	
* 69 1,4-Dioxane-d8	96	5.833	5.825	0.008	79	32448	1000.0	1000.0	
70 Dibromomethane	93	5.874	5.874	0.000	55	45725	20.0	18.8	
72 Methyl methacrylate	100	5.891	5.882	0.009	91	38391	40.0	39.8	M
71 1,4-Dioxane	88	5.899	5.890	0.009	30	16366	400.0	464.5	
73 n-Propyl acetate	43	5.965	5.965	0.000	97	105547	20.0	21.0	
74 Dichlorobromomethane	83	6.088	6.088	0.000	98	107596	20.0	19.3	
75 2-Nitropropane	41	6.516	6.508	0.008	96	34862	40.0	34.2	
76 2-Chloroethyl vinyl ether	63	6.541	6.541	0.000	94	54492	20.0	22.3	
77 Epichlorohydrin	57	6.639	6.648	-0.009	97	145905	400.0	419.6	
78 cis-1,3-Dichloropropene	75	6.697	6.697	0.000	92	133758	20.0	21.5	
79 4-Methyl-2-pentanone (MIBK	43	6.919	6.919	0.000	95	388052	100.0	98.3	
$ 80 Toluene-d8 (Surr)	98	6.960	6.960	0.000	98	632644	50.0	52.1	
81 Toluene	91	7.043	7.043	0.000	94	341235	20.0	21.7	
82 trans-1,3-Dichloropropene	75	7.438	7.438	0.000	96	106617	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.495	7.495	0.000	87	102842	20.0	20.6	
84 1,1,2-Trichloroethane	83	7.627	7.627	0.000	93	63655	20.0	20.5	
85 Tetrachloroethene	166	7.635	7.635	0.000	96	69545	20.0	21.4	
86 1,3-Dichloropropane	76	7.816	7.808	0.008	95	119897	20.0	19.3	
87 2-Hexanone	43	7.899	7.899	0.000	95	233166	100.0	94.8	
88 Chlorodibromomethane	129	8.006	8.006	0.000	97	69087	20.0	18.9	
89 n-Butyl acetate	73	8.022	8.022	0.000	100	18801	20.0	19.8	
90 Ethylene Dibromide	107	8.121	8.121	0.000	97	61027	20.0	18.0	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	552712	50.0	50.0	
92 Chlorobenzene	112	8.598	8.598	0.000	94	210357	20.0	20.8	
93 Ethylbenzene	106	8.680	8.680	0.000	99	112949	20.0	19.6	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.697	0.000	93	75401	20.0	19.3	
95 m-Xylene & p-Xylene	106	8.804	8.804	0.000	98	147534	20.0	22.3	
96 o-Xylene	106	9.174	9.174	0.000	94	146272	20.0	20.8	
97 n-Butyl acrylate	73	9.191	9.191	0.000	97	73170	20.0	19.6	
98 Styrene	104	9.207	9.207	0.000	94	242093	20.0	20.8	
99 Bromoform	173	9.388	9.388	0.000	94	42614	20.0	18.7	
100 Amyl acetate (mixed isomer	43	9.396	9.396	0.000	90	174203	20.0	21.0	
101 Isopropylbenzene	105	9.503	9.503	0.000	97	308268	20.0	20.5	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	88	196798	50.0	50.3	
103 Camphene	41	9.684	9.684	0.000	95	19435	20.0	25.2	
104 Bromobenzene	156	9.791	9.791	0.000	95	85900	20.0	19.5	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	98	95344	20.0	19.3	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	359220	20.0	20.7	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	23969	20.0	16.4	
108 trans-1,4-Dichloro-2-buten	53	9.907	9.907	0.000	78	29648	20.0	19.5	
109 2-Chlorotoluene	91	9.956	9.948	0.008	97	281421	20.0	20.6	
110 4-Ethyltoluene	105	9.964	9.964	0.000	97	314034	20.0	21.1	
111 1,3,5-Trimethylbenzene	105	10.022	10.022	0.000	93	252144	20.0	19.5	
112 4-Chlorotoluene	91	10.055	10.055	0.000	97	267107	20.0	19.6	
113 Butyl Methacrylate	87	10.121	10.121	0.000	91	121926	20.0	20.3	
114 tert-Butylbenzene	119	10.277	10.277	0.000	93	182614	20.0	20.5	
115 1,2,4-Trimethylbenzene	105	10.335	10.335	0.000	98	280258	20.0	21.3	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	261409	20.0	20.2	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	82	151522	20.0	19.0	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	226154	20.0	20.1	
* 119 1,4-Dichlorobenzene-d4	152	10.647	10.647	0.000	95	309184	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.664	10.664	0.000	94	149147	20.0	18.6	
121 Benzyl chloride	91	10.787	10.787	0.000	98	184388	20.0	22.8	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	93	315697	20.0	20.2	
123 p-Diethylbenzene	119	10.886	10.886	0.000	92	136459	20.0	20.6	
124 n-Butylbenzene	91	10.911	10.911	0.000	98	254372	20.0	20.2	
125 1,2-Dichlorobenzene	146	10.968	10.968	0.000	94	154842	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	97	208894	20.0	18.7	
127 1,2-Dibromo-3-Chloropropan	75	11.602	11.594	0.008	90	12380	20.0	12.3	
128 1,3,5-Trichlorobenzene	180	11.709	11.709	0.000	96	81145	20.0	17.6	
129 Camphor	95	12.120	12.120	0.000	94	31955	100.0	55.6	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	92	57455	20.0	13.8	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	94	29204	20.0	23.9	
132 Naphthalene	128	12.400	12.400	0.000	99	156762	20.0	14.4	
133 1,2,3-Trichlorobenzene	180	12.606	12.606	0.000	95	48408	20.0	15.2	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	43.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

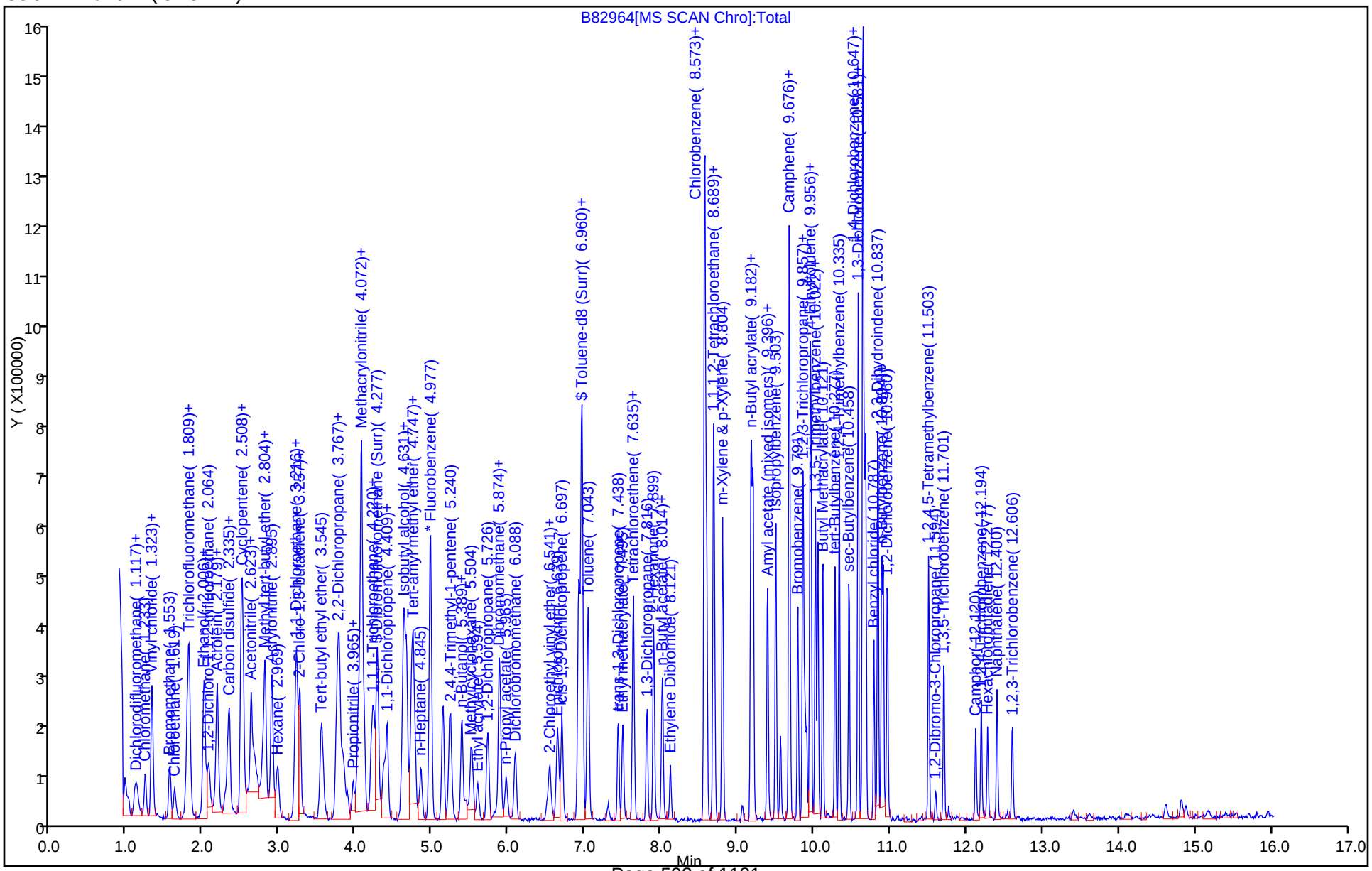
Report Date: 26-May-2015 11:15:26 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82964.D

Injection Date:	22-May-2015 21:18:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300778/5

Matrix: Water | Lab File ID: F27888.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 07:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	21.4		1.0	0.090
100-41-4	Ethylbenzene	20.4		1.0	0.30
95-63-6	1,2,4-Trimethylbenzene	20.1		1.0	0.23
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.13
108-67-8	1,3,5-Trimethylbenzene	16.1		1.0	0.25
91-20-3	Naphthalene	21.0		1.0	0.26
98-82-8	Isopropylbenzene	21.9		1.0	0.32
103-65-1	N-Propylbenzene	20.6		1.0	0.29
99-87-6	4-Isopropyltoluene	16.4		1.0	0.26
135-98-8	sec-Butylbenzene	16.1		1.0	0.31
98-06-6	tert-Butylbenzene	15.4		1.0	0.28
108-88-3	Toluene	20.0		1.0	0.25
104-51-8	n-Butylbenzene	22.9		1.0	0.27
1330-20-7	Xylenes, Total	41.3		2.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-130
460-00-4	4-Bromofluorobenzene	122		64-135
2037-26-5	Toluene-d8 (Surr)	122		70-130
1868-53-7	Dibromofluoromethane (Surr)	123		72-137

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27888.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 07:59:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0027791-005
Operator ID: Instrument ID: CVOAMS6

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 15:55:34 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	42	4983	20.0	16.7	
2 Dichlorodifluoromethane	85	0.976	0.970	0.006	99	51802	20.0	19.4	
3 Chloromethane	50	1.068	1.068	0.000	99	34338	20.0	20.7	
4 Butadiene	54	1.122	1.122	0.000	96	33971	20.0	20.0	
5 Vinyl chloride	62	1.135	1.128	0.007	98	41018	20.0	21.6	
6 Bromomethane	94	1.287	1.287	0.000	99	19315	20.0	20.6	
7 Chloroethane	64	1.323	1.317	0.006	99	16508	20.0	21.7	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	99	61661	20.0	21.7	
9 Pentane	72	1.451	1.451	0.000	95	7497	40.0	45.0	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	98	59214	20.0	23.7	
11 Ethanol	45	1.573	1.573	0.000	74	18595	800.0	618.4	
12 Ethyl ether	59	1.573	1.573	0.000	91	15497	20.0	20.2	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	97	23892	20.0	19.7	
14 1,2-Dichloro-1,1,2-trifluo	117	1.603	1.597	0.006	88	34572	20.0	19.6	
15 Acrolein	56	1.682	1.682	0.000	29	882	40.0	34.8	
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	93	46424	20.0	18.3	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	40733	20.0	20.0	
18 Acetone	43	1.761	1.755	0.006	85	64958	100.0	117.0	
19 Iodomethane	142	1.798	1.792	0.006	98	101165	20.0	20.1	
21 Carbon disulfide	76	1.816	1.816	0.000	99	125256	20.0	19.4	
20 Isopropyl alcohol	45	1.822	1.822	0.000	30	16958	200.0	183.8	
22 3-Chloro-1-propene	41	1.901	1.895	0.006	89	48630	20.0	20.8	
23 Methyl acetate	43	1.907	1.907	0.000	98	96880	100.0	104.5	
24 Cyclopentene	67	1.913	1.907	0.006	91	91807	20.0	21.2	
25 Acetonitrile	41	1.944	1.944	0.000	96	41344	200.0	192.8	
27 Methylene Chloride	84	1.980	1.980	0.000	89	40832	20.0	20.0	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	94	54180	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	99	36702	200.0	190.1	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	108374	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.102	2.102	0.000	90	37510	20.0	20.5	
31 Acrylonitrile	53	2.157	2.157	0.000	92	93882	200.0	205.4	
32 Hexane	43	2.205	2.205	0.000	90	19261	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Allyl alcohol	57	2.211	2.205	0.006	79	30484	500.0	1322.3	
33 Isopropyl ether	45	2.357	2.357	0.000	96	77524	20.0	20.0	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	53622	20.0	20.1	
35 Vinyl acetate	86	2.394	2.388	0.006	99	2839	40.0	76.6	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	91	28279	20.0	21.7	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	90	91595	20.0	19.9	
39 2,2-Dichloropropane	77	2.722	2.722	0.000	94	56602	20.0	18.8	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	97	37889	20.0	20.0	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	13611	100.0	112.9	
42 Ethyl acetate	70	2.771	2.765	0.006	95	3336	40.0	39.5	
48 Methyl acrylate	55	2.808	2.807	0.001	97	14234	20.0	21.3	
43 Propionitrile	54	2.862	2.862	0.000	95	33160	200.0	192.9	
44 Chlorobromomethane	128	2.911	2.911	0.000	74	21900	20.0	20.2	
45 Tetrahydrofuran	42	2.923	2.923	0.000	47	15096	40.0	37.1	
46 Methacrylonitrile	67	2.935	2.935	0.000	91	84595	200.0	208.5	
47 Chloroform	83	2.954	2.953	0.001	99	57144	20.0	20.4	
49 Cyclohexane	56	3.045	3.045	0.000	90	55003	20.0	17.3	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	96	65627	20.0	20.0	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	98781	50.0	61.4	
52 Carbon tetrachloride	117	3.148	3.148	0.000	96	59494	20.0	19.7	
53 1,1-Dichloropropene	75	3.173	3.173	0.001	95	35002	20.0	21.0	
55 Benzene	78	3.325	3.325	0.000	95	104081	20.0	21.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	97	92510	50.0	58.4	
54 Isobutyl alcohol	43	3.379	3.379	0.000	53	66714	500.0	817.7	
57 Isopropyl acetate	43	3.379	3.379	0.000	74	67153	20.0	18.7	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	87	106891	20.0	19.3	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	98	37715	20.0	19.5	
60 n-Heptane	57	3.452	3.452	0.000	90	15346	20.0	22.0	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	328652	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	91	151023	40.0	31.2	
64 Trichloroethene	95	3.836	3.836	0.000	93	28790	20.0	19.3	
63 n-Butanol	56	3.842	3.842	0.000	33	12857	500.0	416.9	
65 Methylcyclohexane	83	3.933	3.933	0.000	95	61980	20.0	17.4	
66 Ethyl acrylate	55	3.933	3.933	0.000	99	60039	20.0	21.0	
67 1,2-Dichloropropane	63	4.067	4.073	-0.006	86	21108	20.0	19.8	
* 68 1,4-Dioxane-d8	96	4.140	4.140	0.000	93	16148	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	84	9827	40.0	38.5	
70 Dibromomethane	93	4.176	4.176	0.000	89	19734	20.0	19.5	
71 1,4-Dioxane	88	4.189	4.182	0.007	39	6082	400.0	405.6	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	17365	20.0	18.3	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	35864	20.0	18.6	
74 2-Nitropropane	41	4.596	4.602	-0.006	96	9808	40.0	34.0	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	85	7789	20.0	17.3	
76 Epichlorohydrin	57	4.693	4.699	-0.006	99	37527	400.0	474.5	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	93	34368	20.0	20.7	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	96	94371	100.0	102.9	
$ 79 Toluene-d8 (Surr)	98	4.949	4.943	0.006	99	258555	50.0	61.0	
80 Toluene	91	5.016	5.010	0.006	93	96939	20.0	20.0	
81 trans-1,3-Dichloropropene	75	5.338	5.332	0.006	97	30179	20.0	20.3	
82 Ethyl methacrylate	69	5.387	5.381	0.006	90	19471	20.0	19.2	
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	16411	20.0	19.7	
84 Tetrachloroethene	166	5.545	5.545	0.000	97	35555	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,3-Dichloropropane	76	5.709	5.703	0.006	93	28955	20.0	19.9	
86 2-Hexanone	43	5.795	5.795	0.000	95	54205	100.0	104.8	
87 Chlorodibromomethane	129	5.910	5.910	0.000	97	30478	20.0	19.2	
88 n-Butyl acetate	43	5.910	5.910	0.000	70	19722	20.0	18.9	
89 Ethylene Dibromide	107	6.038	6.038	0.000	100	24873	20.0	19.8	
* 90 Chlorobenzene-d5	117	6.543	6.549	-0.006	83	265780	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	81381	20.0	20.0	
92 Ethylbenzene	106	6.689	6.689	0.000	98	40889	20.0	20.4	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	94	43511	20.0	21.0	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	52338	20.0	20.2	
95 o-Xylene	106	7.328	7.328	0.000	95	63778	20.0	21.1	
96 Styrene	104	7.370	7.370	0.000	96	89917	20.0	20.4	
97 n-Butyl acrylate	73	7.376	7.376	0.000	98	17188	20.0	21.1	
98 Bromoform	173	7.632	7.632	0.000	98	22266	20.0	18.4	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	36562	20.0	18.7	
100 Isopropylbenzene	105	7.839	7.833	0.006	95	176111	20.0	21.9	
$ 101 4-Bromofluorobenzene	174	8.131	8.125	0.006	97	135776	50.0	61.0	
102 Camphene	41	8.137	8.143	-0.006	91	11734	20.0	18.9	
103 Bromobenzene	156	8.319	8.319	0.000	81	52669	20.0	19.5	
104 1,1,2,2-Tetrachloroethane	83	8.490	8.483	0.007	96	37271	20.0	21.0	
105 N-Propylbenzene	91	8.508	8.502	0.006	100	174672	20.0	20.6	
106 1,2,3-Trichloropropane	110	8.538	8.532	0.006	94	11775	20.0	21.0	
107 trans-1,4-Dichloro-2-buten	53	8.611	8.605	0.006	63	5944	20.0	18.5	
108 2-Chlorotoluene	91	8.660	8.660	0.000	95	116431	20.0	19.9	
109 4-Ethyltoluene	105	8.727	8.727	0.000	98	164618	20.0	19.9	
110 1,3,5-Trimethylbenzene	105	8.873	8.867	0.006	94	162703	20.0	16.1	
111 4-Chlorotoluene	91	8.891	8.885	0.006	97	124319	20.0	20.2	
112 Butyl Methacrylate	87	9.189	9.189	0.000	89	41954	20.0	20.3	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	144703	20.0	15.4	
114 1,2,4-Trimethylbenzene	105	9.633	9.627	0.006	96	164320	20.0	20.1	
115 sec-Butylbenzene	105	9.992	9.992	0.000	99	203810	20.0	16.1	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	99	103421	20.0	20.5	
117 4-Isopropyltoluene	119	10.394	10.388	0.006	97	196839	20.0	16.4	
* 118 1,4-Dichlorobenzene-d4	152	10.449	10.442	0.007	91	217586	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	97	106499	20.0	20.9	
120 Benzyl chloride	91	10.783	10.777	0.006	100	76743	20.0	23.6	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	94	177257	20.0	20.5	
122 p-Diethylbenzene	119	11.033	11.032	0.001	97	115159	20.0	21.5	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	91	110401	20.0	21.3	
124 n-Butylbenzene	91	11.057	11.057	0.000	97	186479	20.0	22.9	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	201282	20.0	21.6	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	91	6830	20.0	19.6	
127 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	98	96148	20.0	21.7	
128 Camphor	95	12.480	12.474	0.006	88	22773	100.0	92.7	
129 1,2,4-Trichlorobenzene	180	12.541	12.541	0.000	93	68254	20.0	15.9	
130 Hexachlorobutadiene	225	12.633	12.626	0.007	92	37961	20.0	19.0	
131 Naphthalene	128	12.712	12.705	0.007	99	103112	20.0	21.0	
132 1,2,3-Trichlorobenzene	180	12.876	12.864	0.012	96	44479	20.0	20.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 134 Xylenes, Total	100				0		40.0	41.3	

Reagents:

GASES Li_00103	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

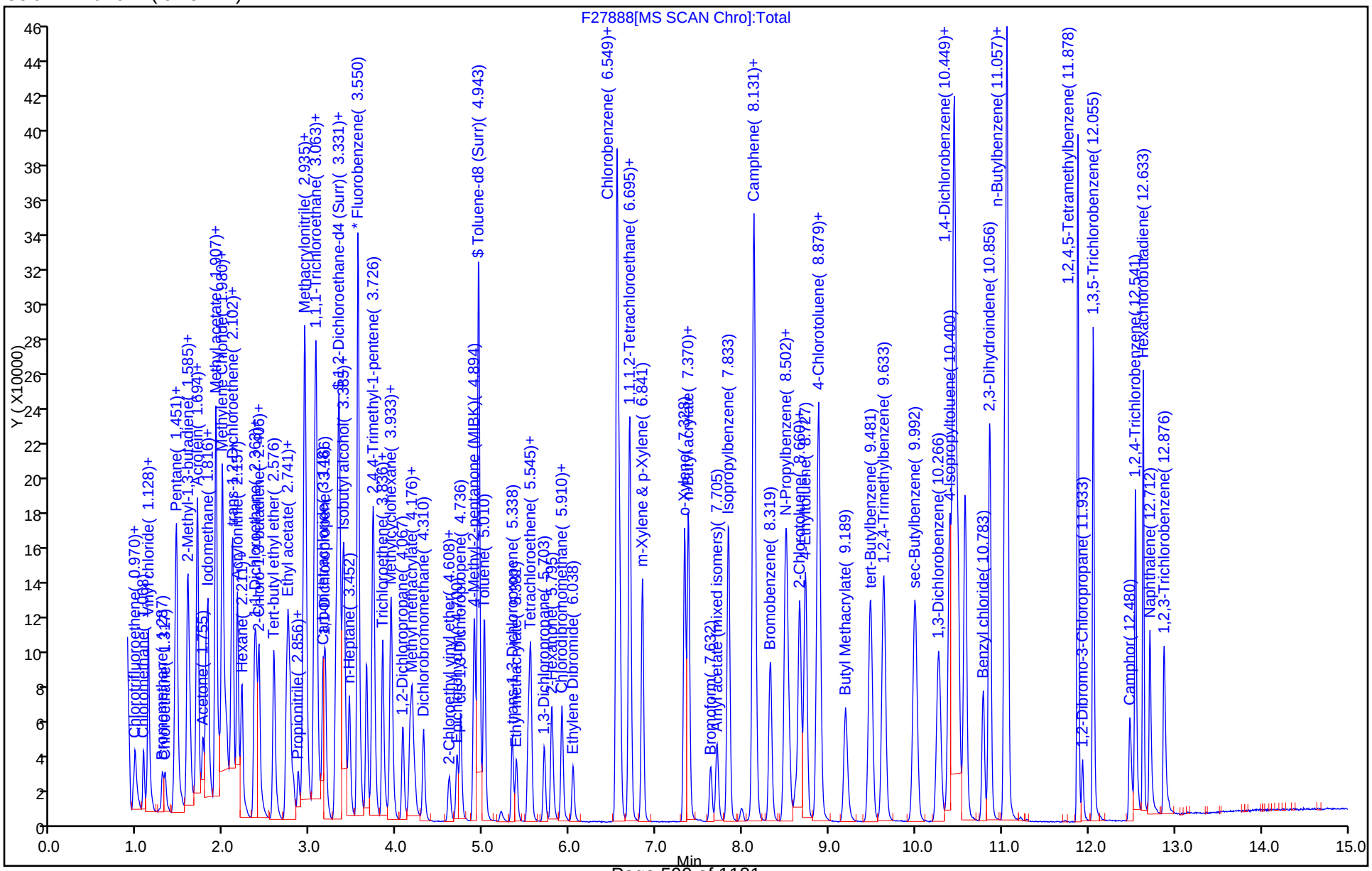
Report Date: 27-May-2015 15:55:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27888.D

Injection Date:	26-May-2015 07:59:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-300803/4

Matrix: Solid Lab File ID: B83021.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/26/2015 10:01

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 300803 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1080		50	9.5
100-41-4	Ethylbenzene	1050		50	15
95-63-6	1,2,4-Trimethylbenzene	1070		50	12
1634-04-4	Methyl tert-butyl ether	1030		50	6.5
108-67-8	1,3,5-Trimethylbenzene	1010		50	13
91-20-3	Naphthalene	844		50	13
98-82-8	Isopropylbenzene	1090		50	16
103-65-1	N-Propylbenzene	1100		50	15
99-87-6	4-Isopropyltoluene	1070		50	13
135-98-8	sec-Butylbenzene	1080		50	16
98-06-6	tert-Butylbenzene	1040		50	14
108-88-3	Toluene	1070		50	13
104-51-8	n-Butylbenzene	1080		50	14
1330-20-7	Xylenes, Total	2090		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-135
460-00-4	4-Bromofluorobenzene	100		72-133
2037-26-5	Toluene-d8 (Surr)	103		59-150
1868-53-7	Dibromofluoromethane (Surr)	107		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83021.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 10:01:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0027798-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 19:22:10 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: martineze Date: 26-May-2015 12:12:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.092	1.109	-0.017	76	15976	20.0	19.7	
2 Dichlorodifluoromethane	85	1.109	1.125	-0.016	99	110726	20.0	21.9	
3 Chloromethane	50	1.232	1.232	0.000	99	89697	20.0	20.6	
5 Butadiene	54	1.315	1.315	0.000	86	94752	20.0	22.8	
4 Vinyl chloride	62	1.323	1.323	0.000	97	113725	20.0	23.3	
6 Bromomethane	94	1.553	1.553	0.000	98	81725	20.0	21.0	
7 Chloroethane	64	1.619	1.619	0.000	98	58238	20.0	21.3	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	63	133119	20.0	22.2	
9 Dichlorofluoromethane	67	1.792	1.792	0.000	97	165965	20.0	21.8	
8 Pentane	72	1.808	1.808	0.000	95	21900	40.0	47.2	
11 Ethyl ether	59	1.998	1.990	0.008	71	60001	20.0	21.3	
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	94	70633	20.0	23.8	
12 Ethanol	46	2.014	2.006	0.008	49	11549	800.0	660.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.064	2.072	-0.008	91	64408	20.0	24.3	
15 Acrolein	56	2.154	2.162	-0.008	28	6234	40.0	34.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.179	-0.008	47	72322	20.0	23.4	
17 1,1-Dichloroethene	96	2.171	2.179	-0.008	96	74447	20.0	22.3	
18 Acetone	43	2.278	2.278	0.000	88	83386	100.0	94.0	
19 Iodomethane	142	2.310	2.311	0.000	98	126001	20.0	21.5	
20 Carbon disulfide	76	2.335	2.335	0.000	98	276357	20.0	22.1	
21 Isopropyl alcohol	45	2.401	2.393	0.008	57	34833	200.0	180.8	
22 3-Chloro-1-propene	76	2.483	2.492	-0.009	41	49488	20.0	26.0	
23 Cyclopentene	67	2.492	2.492	0.000	87	218227	20.0	24.2	
24 Methyl acetate	43	2.516	2.508	0.008	99	332716	100.0	108.8	
25 Acetonitrile	41	2.566	2.566	0.000	98	97286	200.0	211.5	
26 Methylene Chloride	84	2.615	2.615	0.000	92	83801	20.0	20.2	
* 27 TBA-d9 (IS)	65	2.656	2.656	0.000	86	378835	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.730	2.722	0.008	98	81977	200.0	169.5	
29 Methyl tert-butyl ether	73	2.780	2.788	-0.008	96	231924	20.0	20.6	
30 trans-1,2-Dichloroethene	96	2.804	2.804	0.000	97	83071	20.0	20.9	
31 Acrylonitrile	53	2.887	2.887	0.000	94	285099	200.0	230.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.961	2.961	0.000	94	44293	20.0	28.5	
34 Isopropyl ether	45	3.207	3.208	-0.001	99	255773	20.0	21.4	
33 1,1-Dichloroethane	63	3.216	3.208	0.008	98	150065	20.0	21.5	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	74962	20.0	22.1	
36 Vinyl acetate	86	3.257	3.257	0.000	78	11301	40.0	89.6	
37 Allyl alcohol	57	3.339	3.323	0.016	1	15908	500.0	338.6	
38 Tert-butyl ethyl ether	59	3.545	3.545	0.000	87	264898	20.0	22.0	
39 2,2-Dichloropropane	41	3.742	3.734	0.008	68	72039	20.0	22.8	
* 158 2-Butanone-d5	46	3.742	3.751	-0.009	90	265301	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.775	3.767	0.008	98	92310	20.0	21.1	
41 2-Butanone (MEK)	72	3.808	3.800	0.008	96	36438	100.0	92.2	
42 Ethyl acetate	70	3.841	3.825	0.016	92	14885	40.0	45.3	
43 Methyl acrylate	55	3.874	3.874	0.000	98	62107	20.0	21.5	
44 Propionitrile	54	3.956	3.956	0.000	99	105886	200.0	204.7	
46 Tetrahydrofuran	72	4.014	3.998	0.016	66	19883	40.0	42.4	
45 Chlorobromomethane	128	4.022	4.014	0.008	91	40665	20.0	21.5	
47 Methacrylonitrile	67	4.055	4.055	0.000	90	329995	200.0	227.4	
48 Chloroform	83	4.096	4.096	0.000	98	140569	20.0	20.6	
49 Cyclohexane	84	4.203	4.195	0.008	87	99102	20.0	22.2	
50 1,1,1-Trichloroethane	97	4.228	4.236	-0.008	98	125236	20.0	22.3	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	95	158796	50.0	53.3	
52 Carbon tetrachloride	117	4.360	4.351	0.009	97	96076	20.0	21.8	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	98	99908	20.0	22.6	
54 Isooctane	57	4.607	4.607	0.000	97	152011	20.0	32.3	
55 Benzene	78	4.615	4.615	0.000	96	327314	20.0	21.5	
56 Isobutyl alcohol	43	4.639	4.631	0.008	55	92843	500.0	522.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.648	0.008	92	190447	50.0	47.9	
59 Isopropyl acetate	87	4.738	4.722	0.016	96	71002	20.0	21.3	
58 Tert-amyl methyl ether	73	4.730	4.730	0.000	93	284803	20.0	21.6	
60 1,2-Dichloroethane	62	4.738	4.738	0.000	92	108024	20.0	19.2	
61 n-Heptane	57	4.837	4.837	0.000	90	31328	20.0	28.8	
* 62 Fluorobenzene	96	4.960	4.960	0.000	98	590355	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	96	245612	40.0	48.5	
64 Trichloroethene	95	5.372	5.372	0.000	97	77089	20.0	21.1	
65 n-Butanol	56	5.430	5.421	0.009	87	31190	500.0	339.3	
66 Methylcyclohexane	83	5.504	5.512	-0.008	96	89473	20.0	24.0	
67 Ethyl acrylate	55	5.578	5.586	-0.008	98	96639	20.0	22.0	
68 1,2-Dichloropropane	63	5.718	5.709	0.009	91	83571	20.0	21.9	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	92	34863	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	54	47382	20.0	20.2	
71 1,4-Dioxane	88	5.866	5.858	0.008	32	16896	400.0	446.3	
72 Methyl methacrylate	100	5.874	5.866	0.008	92	38633	40.0	41.5	
73 n-Propyl acetate	43	5.956	5.956	0.000	99	98091	20.0	20.2	
74 Dichlorobromomethane	83	6.080	6.080	0.000	98	100417	20.0	18.7	
75 2-Nitropropane	41	6.491	6.499	-0.008	96	36399	40.0	37.1	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	95	50682	20.0	21.5	
77 Epichlorohydrin	57	6.631	6.631	0.000	98	146889	400.0	444.6	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	92	128758	20.0	21.3	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.911	-0.008	98	374760	100.0	99.9	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	98	606468	50.0	51.4	
81 Toluene	91	7.034	7.034	0.000	94	325250	20.0	21.3	
82 trans-1,3-Dichloropropene	75	7.429	7.429	0.000	97	107530	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	101167	20.0	20.9	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	90	59413	20.0	19.7	
85 Tetrachloroethene	166	7.627	7.627	0.000	94	66624	20.0	21.2	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	94	121961	20.0	20.2	
87 2-Hexanone	43	7.890	7.890	0.000	94	231417	100.0	99.0	
88 Chlorodibromomethane	129	8.005	8.005	0.000	96	74614	20.0	21.1	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	19043	20.0	20.7	
90 Ethylene Dibromide	107	8.112	8.112	0.000	97	67209	20.0	20.4	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	89	536110	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	92	199006	20.0	20.3	
93 Ethylbenzene	106	8.680	8.680	0.000	98	116988	20.0	21.0	
94 1,1,1,2-Tetrachloroethane	131	8.688	8.689	-0.001	95	68660	20.0	18.1	
95 m-Xylene & p-Xylene	106	8.795	8.796	-0.001	97	135532	20.0	21.1	
96 o-Xylene	106	9.174	9.174	0.000	94	140830	20.0	20.6	
97 n-Butyl acrylate	73	9.182	9.182	0.000	97	73524	20.0	20.3	
98 Styrene	104	9.199	9.199	0.000	93	227059	20.0	20.1	
99 Bromoform	173	9.388	9.388	0.000	95	45271	20.0	20.5	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	174870	20.0	22.0	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	316787	20.0	21.8	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	88	189926	50.0	50.0	
103 Camphene	41	9.684	9.676	0.008	92	17535	20.0	23.5	
104 Bromobenzene	156	9.783	9.783	0.000	95	83398	20.0	19.7	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	96	90303	20.0	19.0	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	365973	20.0	21.9	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	97	25993	20.0	18.6	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	87	26233	20.0	18.0	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	274473	20.0	20.9	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	307192	20.0	21.5	
111 1,3,5-Trimethylbenzene	105	10.013	10.014	-0.001	91	249913	20.0	20.1	
112 4-Chlorotoluene	91	10.046	10.046	0.000	97	258074	20.0	19.7	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	119544	20.0	20.7	
114 tert-Butylbenzene	119	10.277	10.277	0.000	92	177501	20.0	20.7	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	270307	20.0	21.4	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	268207	20.0	21.6	
117 1,3-Dichlorobenzene	146	10.581	10.573	0.008	81	149880	20.0	19.6	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	231980	20.0	21.5	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	95	296765	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.655	0.000	95	152380	20.0	19.8	
121 Benzyl chloride	91	10.779	10.779	0.000	98	187375	20.0	24.2	
122 2,3-Dihydroindene	117	10.836	10.836	0.000	94	305614	20.0	20.4	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	135575	20.0	21.3	
124 n-Butylbenzene	91	10.902	10.902	0.000	97	261847	20.0	21.7	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	140589	20.0	18.6	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	96	214609	20.0	20.0	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	88	12296	20.0	12.7	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	95	76530	20.0	17.3	
129 Camphor	95	12.120	12.120	0.000	91	41150	100.0	74.6	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	93	56879	20.0	14.3	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	95	32270	20.0	27.5	
132 Naphthalene	128	12.400	12.400	0.000	99	176062	20.0	16.9	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	94	57311	20.0	18.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.7	

Reagents:

8260SURR250_00074	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
GASES Li_00103	Amount Added: 20.00	Units: uL	
8260ISNEW_00016	Amount Added: 1.00	Units: uL	Run Reagent

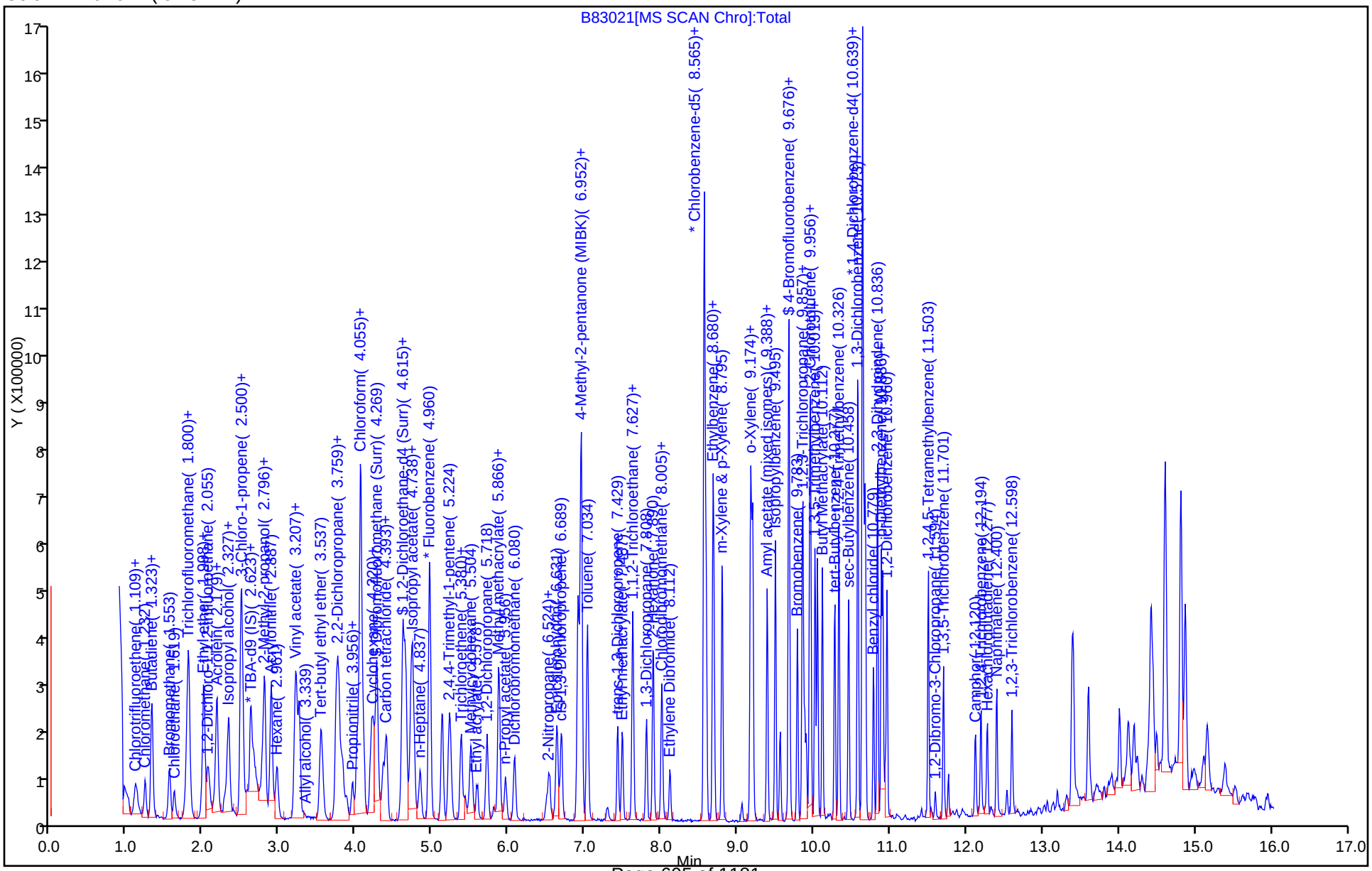
Report Date: 26-May-2015 19:23:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83021.D

Injection Date:	26-May-2015 10:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300938/5

Matrix: Solid | Lab File ID: O98835.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/26/2015 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	18.3		1.0	0.20
100-41-4	Ethylbenzene	18.6		1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	17.9		1.0	0.34
1634-04-4	Methyl tert-butyl ether	21.0		1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	18.2		1.0	0.13
91-20-3	Naphthalene	21.9		1.0	0.12
98-82-8	Isopropylbenzene	19.3		1.0	0.17
103-65-1	N-Propylbenzene	18.9		1.0	0.18
99-87-6	4-Isopropyltoluene	18.2		1.0	0.15
135-98-8	sec-Butylbenzene	19.0		1.0	0.17
98-06-6	tert-Butylbenzene	18.3		1.0	0.34
108-88-3	Toluene	18.6		1.0	0.19
104-51-8	n-Butylbenzene	19.4		1.0	0.21
1330-20-7	Xylenes, Total	35.8		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	116		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98835.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 22:49:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0027822-005
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:09:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: martineze Date: 27-May-2015 09:23:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	95	15752	20.0	22.0	
2 Dichlorodifluoromethane	85	0.979	0.985	-0.006	100	139356	20.0	27.8	
3 Chloromethane	50	1.107	1.113	-0.006	100	99481	20.0	24.9	
4 Vinyl chloride	62	1.156	1.156	0.000	98	114761	20.0	25.1	
5 Butadiene	54	1.174	1.174	0.000	95	110871	20.0	26.7	
6 Bromomethane	94	1.344	1.344	0.000	98	73129	20.0	27.0	
7 Chloroethane	64	1.405	1.405	0.000	99	70505	20.0	23.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	169844	20.0	26.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	161197	20.0	25.8	
10 Pentane	72	1.606	1.606	0.000	95	32648	40.0	40.1	
11 Ethanol	46	1.667	1.685	-0.018	92	9413	800.0	763.7	
12 Ethyl ether	59	1.734	1.734	0.000	97	46970	20.0	19.8	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	75337	20.0	22.0	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	97	75245	20.0	21.6	
15 Acrolein	56	1.807	1.807	0.000	96	30034	300.0	262.9	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	77864	20.0	21.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	96	84849	20.0	21.2	
18 Acetone	43	1.904	1.910	-0.006	87	80733	100.0	129.8	
19 Iodomethane	142	1.971	1.971	0.000	98	83255	20.0	18.1	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	31	27931	200.0	185.7	
20 Carbon disulfide	76	2.013	2.013	0.000	99	258008	20.0	20.5	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	49326	20.0	26.7	
23 Methyl acetate	43	2.123	2.123	0.000	98	176316	100.0	87.7	
24 Acetonitrile	39	2.166	2.165	0.001	31	50600	200.0	179.3	
25 Cyclopentene	67	2.166	2.165	0.001	96	230292	20.0	22.0	
26 Methylene Chloride	84	2.190	2.190	0.000	88	76490	20.0	22.3	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	215236	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	50737	200.0	200.4	
29 Acrylonitrile	53	2.354	2.354	0.000	95	143826	200.0	256.7	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	82054	20.0	20.8	
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	96	149853	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.585	2.585	0.000	92	69314	20.0	22.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	121633	20.0	19.7	
34 Allyl alcohol	57	2.731	2.731	0.000	64	20313	500.0	453.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	6813	40.0	40.3	
36 Isopropyl ether	45	2.750	2.756	-0.006	93	150899	20.0	20.9	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	71362	20.0	21.0	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	89	147235	20.0	22.1	
* 157 2-Butanone-d5	46	3.115	3.114	0.001	98	144408	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.139	0.006	83	27343	20.0	21.9	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	77448	20.0	21.3	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	25897	100.0	99.7	
42 Propionitrile	54	3.206	3.206	0.000	94	50157	200.0	171.1	
43 Ethyl acetate	43	3.224	3.224	0.000	100	55092	40.0	37.7	
44 Methyl acrylate	55	3.248	3.248	0.000	99	34076	20.0	19.9	
45 Methacrylonitrile	67	3.334	3.334	0.000	91	164554	200.0	208.0	
46 Chlorobromomethane	128	3.340	3.340	0.000	79	31829	20.0	23.0	
47 Tetrahydrofuran	71	3.388	3.388	0.000	84	9549	40.0	38.3	
48 Chloroform	83	3.413	3.419	-0.006	99	115953	20.0	21.6	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	123673	50.0	52.1	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	112665	20.0	21.7	
51 Cyclohexane	56	3.626	3.626	0.000	89	127144	20.0	23.1	
53 Carbon tetrachloride	117	3.729	3.723	0.006	94	98720	20.0	21.2	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	94424	20.0	22.5	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	105772	50.0	51.5	
55 Isobutyl alcohol	43	3.869	3.869	0.000	92	36247	500.0	467.7	
56 Benzene	78	3.918	3.918	0.000	95	261401	20.0	18.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	68901	20.0	21.4	
58 Isooctane	57	4.015	4.015	0.000	97	248600	20.0	23.0	
72 Isopropyl acetate	43	4.021	4.021	0.000	97	135585	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	126172	20.0	22.6	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	387003	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	70602	20.0	25.3	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	92	357113	40.0	45.9	
64 Trichloroethene	95	4.569	4.568	0.001	96	72280	20.0	22.0	
63 n-Butanol	43	4.769	4.775	-0.006	46	5426	500.0	336.3	
65 Ethyl acrylate	55	4.769	4.769	0.000	78	98479	20.0	24.4	
66 Methylcyclohexane	83	4.775	4.775	0.000	93	129393	20.0	23.5	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	93	58170	20.0	21.4	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	40	20996	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	92	29872	20.0	20.9	
71 1,4-Dioxane	88	4.970	4.976	-0.006	32	10400	400.0	395.1	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	53953	40.0	42.8	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	41656	20.0	22.2	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	76858	20.0	21.1	
75 2-Nitropropane	41	5.384	5.378	0.006	97	16937	40.0	46.9	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	93	23711	20.0	21.9	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	67421	400.0	385.4	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	92	86891	20.0	18.4	
79 4-Methyl-2-pentanone (MIBK	43	5.864	5.870	-0.006	95	135346	100.0	99.8	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	473531	50.0	47.8	
81 Toluene	91	6.053	6.059	-0.006	94	268052	20.0	18.6	
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	97	66066	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	6.540	6.540	0.000	87	46252	20.0	17.4	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	32940	20.0	18.2	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	80329	20.0	18.6	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	69023	20.0	18.4	
87 2-Hexanone	43	6.978	6.978	0.000	94	101760	100.0	100.6	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	48284	20.0	17.1	
89 n-Butyl acetate	43	7.209	7.203	0.006	98	41027	20.0	21.1	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	39677	20.0	18.1	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	84	373390	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	162241	20.0	18.2	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	51662	20.0	17.1	
94 Ethylbenzene	106	8.164	8.164	0.000	98	97692	20.0	18.6	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	95	112623	20.0	18.2	
96 o-Xylene	106	8.943	8.943	0.000	94	103687	20.0	17.6	
97 Styrene	104	8.973	8.973	0.000	96	176624	20.0	17.8	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	28682	20.0	18.3	
99 Bromoform	173	9.204	9.204	0.000	99	29405	20.0	15.8	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	91	51484	20.0	18.6	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	308902	20.0	19.3	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	198046	50.0	58.0	
103 Camphene	41	9.916	9.916	0.000	94	25433	20.0	21.8	
104 Bromobenzene	156	9.953	9.952	0.000	93	71155	20.0	17.6	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.056	0.006	98	42884	20.0	18.4	
106 1,2,3-Trichloropropane	110	10.086	10.080	0.006	97	13020	20.0	18.0	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	93	10764	20.0	17.6	
108 N-Propylbenzene	91	10.220	10.226	-0.006	99	351421	20.0	18.9	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	189323	20.0	18.1	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	285362	20.0	18.0	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	194600	20.0	17.9	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	224468	20.0	18.2	
113 Butyl Methacrylate	87	10.816	10.816	0.000	87	55880	20.0	19.1	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	223656	20.0	18.3	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	227791	20.0	17.9	
116 sec-Butylbenzene	105	11.400	11.406	-0.006	99	338574	20.0	19.0	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	135230	20.0	17.3	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	209047	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	133198	20.0	17.1	
120 4-Isopropyltoluene	119	11.632	11.631	0.001	98	282685	20.0	18.2	
121 Benzyl chloride	91	11.826	11.820	0.006	100	91562	20.0	16.6	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	220425	20.0	17.8	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	122348	20.0	17.7	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	169655	20.0	18.4	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	319472	20.0	19.4	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	93	10177	20.0	15.9	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	243751	20.0	18.7	
133 1,3,5-Trichlorobenzene	180	13.146	13.140	0.006	98	121834	20.0	17.7	
129 Camphor	95	13.603	13.603	0.000	91	24543	100.0	111.1	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	93	108642	20.0	17.9	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	76543	20.0	17.8	
132 Naphthalene	128	13.889	13.888	0.001	99	182640	20.0	21.9	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	94264	20.0	17.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	35.8	
S 136 Total BTEX	1				0		100.0	91.3	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

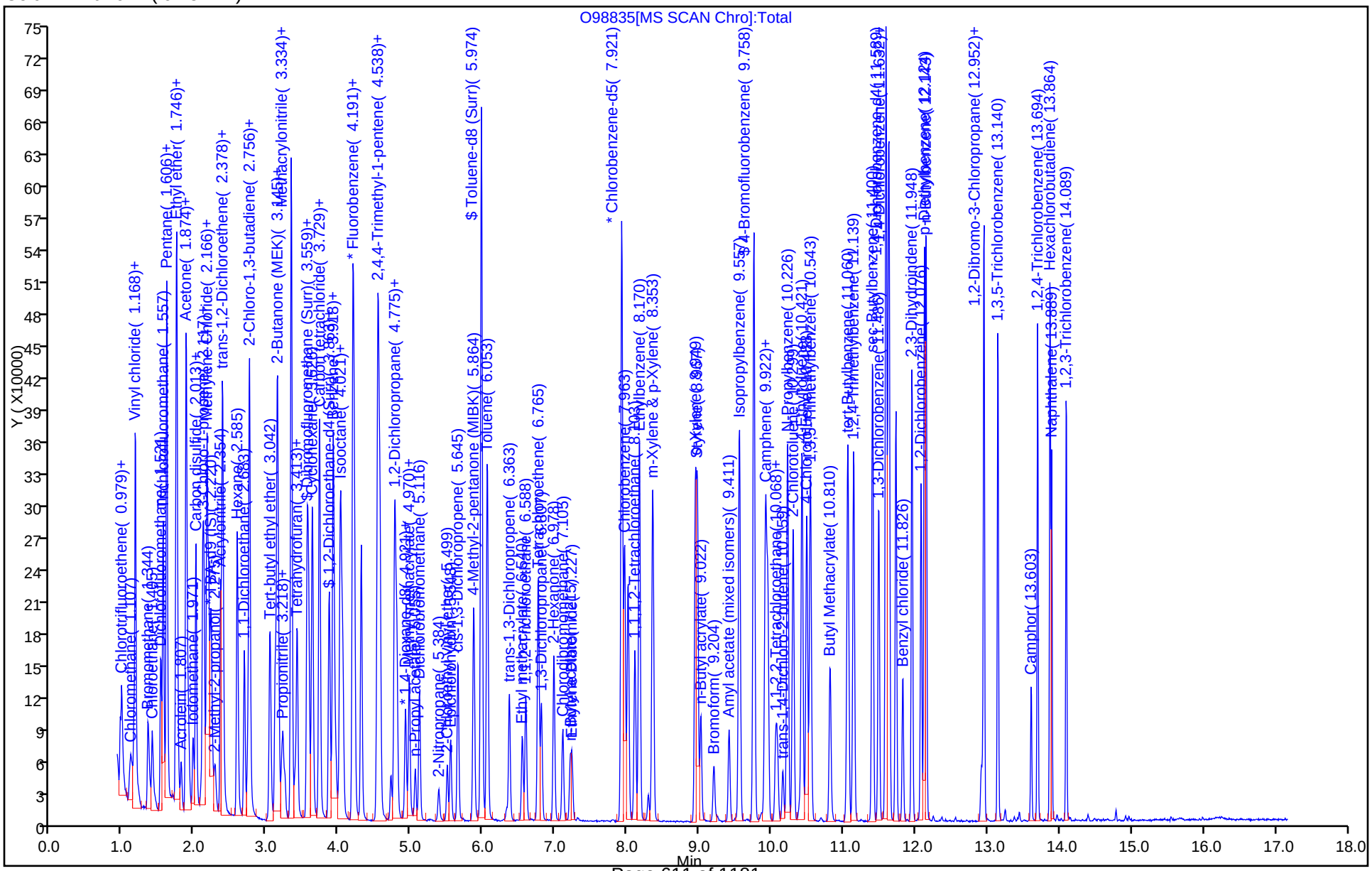
Report Date: 27-May-2015 13:11:29 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98835.D

Injection Date:	26-May-2015 22:49:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-300508/5

Matrix: Solid Lab File ID: D10460.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2015 20:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 300508 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	24.5		1.0	0.20
100-41-4	Ethylbenzene	22.3		1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	23.9		1.0	0.34
1634-04-4	Methyl tert-butyl ether	22.1		1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	24.0		1.0	0.13
91-20-3	Naphthalene	20.5		1.0	0.12
98-82-8	Isopropylbenzene	22.3		1.0	0.17
103-65-1	N-Propylbenzene	26.0		1.0	0.18
99-87-6	4-Isopropyltoluene	23.5		1.0	0.15
135-98-8	sec-Butylbenzene	24.1		1.0	0.17
98-06-6	tert-Butylbenzene	21.9		1.0	0.34
108-88-3	Toluene	22.4		1.0	0.19
104-51-8	n-Butylbenzene	25.8		1.0	0.21
1330-20-7	Xylenes, Total	44.2		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-130
460-00-4	4-Bromofluorobenzene	93		70-130
2037-26-5	Toluene-d8 (Surr)	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	98		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10460.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-May-2015 20:15:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0027739-005
Operator ID: Instrument ID: CVOAMS4

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 12:44:20 Calib Date: 15-May-2015 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150515-27415.b\D10124.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 26-May-2015 12:44:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.571	1.583	-0.012	67	47110	20.0	22.3	
2 Dichlorodifluoromethane	85	1.607	1.620	-0.013	99	103929	20.0	20.2	
3 Chloromethane	50	1.778	1.790	-0.012	99	81043	20.0	21.6	
4 Vinyl chloride	62	1.906	1.918	-0.012	97	88437	20.0	24.2	
5 Butadiene	54	1.906	1.924	-0.018	93	75344	20.0	23.5	
6 Bromomethane	94	2.241	2.248	-0.007	98	63091	20.0	22.0	
7 Chloroethane	64	2.339	2.339	0.000	99	55254	20.0	22.7	
9 Dichlorofluoromethane	67	2.565	2.577	-0.012	98	142898	20.0	20.9	
8 Trichlorofluoromethane	101	2.565	2.577	-0.012	48	109903	20.0	17.9	
10 Pentane	72	2.595	2.595	0.000	96	34977	40.0	51.0	
12 Ethyl ether	59	2.833	2.839	-0.006	94	62320	20.0	25.0	
13 2-Methyl-1,3-butadiene	53	2.851	2.857	-0.006	95	73694	20.0	26.0	
11 Ethanol	46	2.839	2.863	-0.024	65	15989	800.0	783.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.912	2.918	-0.006	94	70838	20.0	21.9	
15 Acrolein	56	3.040	3.046	-0.006	96	50864	300.0	342.7	
16 1,1,2-Trichloro-1,2,2-trif	101	3.064	3.077	-0.013	67	93025	20.0	24.8	
17 1,1-Dichloroethene	96	3.071	3.077	-0.006	98	83778	20.0	25.0	
18 Acetone	43	3.192	3.199	-0.007	88	87851	100.0	97.9	
19 Iodomethane	142	3.247	3.253	-0.006	99	141407	20.0	20.5	
20 Carbon disulfide	76	3.284	3.290	-0.006	98	308315	20.0	26.2	
21 Isopropyl alcohol	45	3.327	3.327	0.000	100	49052	200.0	206.6	
22 3-Chloro-1-propene	76	3.461	3.467	-0.006	89	52256	20.0	25.4	
23 Cyclopentene	67	3.479	3.485	-0.006	94	237871	20.0	27.4	
24 Methyl acetate	43	3.485	3.491	-0.006	98	280526	100.0	118.5	
25 Acetonitrile	41	3.552	3.558	-0.006	99	82779	200.0	248.8	
26 Methylene Chloride	84	3.619	3.619	0.000	90	91667	20.0	23.8	
* 27 TBA-d9 (IS)	65	3.650	3.650	0.000	87	336930	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.735	3.735	0.000	97	90441	200.0	209.1	M
29 Methyl tert-butyl ether	73	3.820	3.826	-0.006	96	214613	20.0	22.1	
30 trans-1,2-Dichloroethene	96	3.845	3.851	-0.006	94	89265	20.0	23.1	
31 Acrylonitrile	53	3.936	3.948	-0.012	95	243949	200.0	207.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	4.040	4.040	0.000	89	128979	20.0	26.9	
33 Isopropyl ether	45	4.308	4.314	-0.006	95	224106	20.0	23.2	
34 1,1-Dichloroethane	63	4.326	4.332	-0.006	99	149676	20.0	23.3	
35 Vinyl acetate	86	4.363	4.369	-0.006	100	11113	40.0	36.2	
36 2-Chloro-1,3-butadiene	88	4.381	4.387	-0.006	89	78200	20.0	22.8	
38 Allyl alcohol	57	4.393	4.412	-0.019	84	34352	500.0	491.8	
37 Tert-butyl ethyl ether	59	4.692	4.698	-0.006	90	228932	20.0	22.6	
* 157 2-Butanone-d5	46	4.930	4.936	-0.006	89	228419	250.0	250.0	
39 2,2-Dichloropropane	79	4.942	4.942	0.000	86	42315	20.0	20.1	
40 cis-1,2-Dichloroethene	96	4.967	4.967	0.001	98	94121	20.0	22.4	
41 2-Butanone (MEK)	72	5.003	5.003	0.000	97	41143	100.0	94.5	
57 Ethyl acetate	70	5.015	5.003	0.012	96	13013	40.0	34.6	
42 Methyl acrylate	55	5.070	5.076	-0.006	100	56578	20.0	22.9	
43 Propionitrile	54	5.156	5.168	-0.012	99	94494	200.0	234.3	
44 Chlorobromomethane	128	5.241	5.247	-0.006	83	41151	20.0	19.9	
45 Tetrahydrofuran	72	5.247	5.253	-0.006	54	18707	40.0	37.7	
46 Methacrylonitrile	67	5.284	5.284	0.000	88	280339	200.0	236.0	
47 Chloroform	83	5.314	5.320	-0.006	99	143218	20.0	22.0	
48 Cyclohexane	56	5.460	5.460	0.000	87	151859	20.0	26.6	
49 1,1,1-Trichloroethane	97	5.479	5.491	-0.012	99	121177	20.0	20.6	
$ 50 Dibromofluoromethane (Surr	113	5.503	5.509	-0.006	96	121465	50.0	48.8	
51 Carbon tetrachloride	117	5.625	5.631	-0.006	97	102173	20.0	19.0	
52 1,1-Dichloropropene	75	5.662	5.668	-0.006	99	109967	20.0	22.3	
53 Isobutyl alcohol	43	5.863	5.869	-0.006	94	129855	500.0	464.0	
54 Benzene	78	5.905	5.905	0.000	97	318476	20.0	24.5	
$ 55 1,2-Dichloroethane-d4 (Sur	102	5.930	5.930	0.000	98	27076	50.0	52.1	
56 Tert-amyl methyl ether	73	5.997	6.003	-0.006	91	268379	20.0	22.3	
58 Isopropyl acetate	43	6.009	6.009	0.000	99	186758	20.0	22.3	
59 1,2-Dichloroethane	62	6.021	6.027	-0.006	96	92387	20.0	22.0	
60 n-Heptane	57	6.113	6.119	-0.006	87	71075	20.0	25.0	
* 61 Fluorobenzene	96	6.265	6.265	0.000	99	429591	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	6.533	6.533	0.000	96	464564	40.0	51.1	
63 n-Butanol	56	6.674	6.673	0.001	85	54406	500.0	421.0	
64 Trichloroethene	95	6.692	6.698	-0.006	97	82287	20.0	20.6	
65 Methylcyclohexane	83	6.838	6.844	-0.006	96	158514	20.0	24.4	
66 Ethyl acrylate	73	6.863	6.869	-0.007	96	5997	20.0	20.1	
67 1,2-Dichloropropane	63	7.027	7.033	-0.006	94	80072	20.0	23.1	
* 68 1,4-Dioxane-d8	96	7.112	7.106	0.006	86	25293	1000.0	1000.0	
69 Methyl methacrylate	100	7.131	7.131	0.000	84	33207	40.0	36.6	
70 Dibromomethane	93	7.161	7.161	0.000	90	47946	20.0	20.4	
71 1,4-Dioxane	88	7.161	7.173	-0.012	40	18042	400.0	481.8	
72 n-Propyl acetate	43	7.192	7.192	0.000	97	79317	20.0	20.7	
73 Dichlorobromomethane	83	7.326	7.326	0.000	99	99448	20.0	19.8	
74 2-Nitropropane	41	7.649	7.655	-0.006	83	26401	40.0	35.1	
75 2-Chloroethyl vinyl ether	63	7.661	7.661	0.000	86	41654	20.0	20.6	
76 Epichlorohydrin	57	7.753	7.753	0.000	99	126092	400.0	355.3	
77 cis-1,3-Dichloropropene	75	7.795	7.801	-0.006	89	115781	20.0	20.9	
78 4-Methyl-2-pentanone (MIBK	43	7.948	7.948	0.000	94	294242	100.0	88.2	
$ 79 Toluene-d8 (Surr)	98	8.009	8.009	0.000	99	457024	50.0	51.8	
80 Toluene	91	8.070	8.070	0.000	93	317450	20.0	22.4	
81 trans-1,3-Dichloropropene	75	8.356	8.356	0.000	92	89690	20.0	18.6	
82 Ethyl methacrylate	69	8.381	8.380	0.000	86	82932	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	8.521	8.521	0.000	97	53951	20.0	21.6	
84 Tetrachloroethene	166	8.551	8.551	0.000	92	69104	20.0	19.2	
85 1,3-Dichloropropane	76	8.673	8.673	0.000	89	103846	20.0	21.9	
86 2-Hexanone	43	8.722	8.722	0.000	93	193698	100.0	84.1	
87 n-Butyl acetate	73	8.801	8.801	0.000	97	15300	20.0	22.1	
88 Chlorodibromomethane	129	8.838	8.838	0.000	98	65250	20.0	17.6	
89 Ethylene Dibromide	107	8.947	8.947	0.000	98	60786	20.0	19.5	
* 90 Chlorobenzene-d5	117	9.313	9.313	0.000	87	357133	50.0	50.0	
91 Chlorobenzene	112	9.332	9.332	0.000	94	195173	20.0	20.6	
92 Ethylbenzene	106	9.393	9.392	0.000	98	113198	20.0	22.3	
93 1,1,1,2-Tetrachloroethane	131	9.411	9.411	0.000	96	69219	20.0	19.7	
94 m-Xylene & p-Xylene	106	9.496	9.490	0.006	99	139039	20.0	21.9	
95 n-Butyl acrylate	73	9.783	9.783	0.000	99	50056	20.0	18.7	
96 o-Xylene	106	9.813	9.813	0.000	93	137546	20.0	22.3	
97 Styrene	104	9.831	9.831	0.000	96	216810	20.0	21.7	
98 Amyl acetate (mixed isomer	43	9.947	9.947	0.000	92	97825	20.0	23.4	
99 Bromoform	173	10.002	10.002	0.000	93	36069	20.0	14.9	
100 Isopropylbenzene	105	10.081	10.081	0.000	96	364737	20.0	22.3	
$ 101 4-Bromofluorobenzene	174	10.240	10.240	0.000	94	121044	50.0	46.6	
104 Camphene	41	10.258	10.258	0.000	95	27558	20.0	23.4	
102 Bromobenzene	156	10.350	10.350	0.000	96	73736	20.0	20.1	
103 1,1,2,2-Tetrachloroethane	83	10.368	10.362	0.006	99	86182	20.0	24.4	
105 N-Propylbenzene	91	10.392	10.392	0.000	99	457337	20.0	26.0	
106 1,2,3-Trichloropropane	110	10.411	10.411	0.000	96	22837	20.0	21.7	
107 trans-1,4-Dichloro-2-buten	53	10.417	10.417	0.000	79	19429	20.0	19.8	
108 4-Ethyltoluene	105	10.478	10.472	0.006	98	366296	20.0	24.1	
109 2-Chlorotoluene	91	10.478	10.478	0.000	95	295668	20.0	25.2	
110 1,3,5-Trimethylbenzene	105	10.520	10.520	0.000	92	300840	20.0	24.0	
111 4-Chlorotoluene	91	10.563	10.563	0.000	98	253434	20.0	23.7	
112 Butyl Methacrylate	87	10.575	10.575	0.000	88	94552	20.0	22.7	
113 tert-Butylbenzene	119	10.752	10.752	0.000	93	236160	20.0	21.9	
114 1,2,4-Trimethylbenzene	105	10.795	10.795	0.000	97	308672	20.0	23.9	
115 sec-Butylbenzene	105	10.911	10.910	0.000	99	394921	20.0	24.1	
116 4-Isopropyltoluene	119	11.008	11.008	0.000	97	328570	20.0	23.5	
117 1,3-Dichlorobenzene	146	11.026	11.026	0.000	94	145173	20.0	20.9	
* 118 1,4-Dichlorobenzene-d4	152	11.081	11.081	0.000	96	173730	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.093	11.093	0.000	92	142239	20.0	19.5	
120 Benzyl chloride	126	11.197	11.197	0.000	98	29251	20.0	18.1	
121 2,3-Dihydroindene	117	11.252	11.252	0.000	94	321628	20.0	21.0	
122 p-Diethylbenzene	119	11.276	11.276	0.000	91	212675	20.0	23.5	
123 n-Butylbenzene	92	11.295	11.295	0.000	98	188831	20.0	25.8	
124 1,2-Dichlorobenzene	146	11.368	11.368	0.000	94	141294	20.0	20.9	
125 1,2,4,5-Tetramethylbenzene	119	11.880	11.874	0.006	96	294672	20.0	21.7	
126 1,2-Dibromo-3-Chloropropan	157	11.990	11.990	0.000	97	15510	20.0	16.9	
127 1,3,5-Trichlorobenzene	180	12.111	12.111	0.000	96	111767	20.0	20.2	
128 Camphor	95	12.617	12.617	0.000	92	40439	100.0	86.6	
129 1,2,4-Trichlorobenzene	180	12.709	12.709	0.000	94	103608	20.0	19.8	
130 Hexachlorobutadiene	225	12.819	12.813	0.006	89	47394	20.0	19.8	
131 Naphthalene	128	12.989	12.989	0.000	99	268903	20.0	20.5	
132 1,2,3-Trichlorobenzene	180	13.264	13.258	0.006	94	95314	20.0	19.6	
S 133 1,2-Dichloroethene, Total	100				0		40.0	45.5	
S 134 Xylenes, Total	100				0		40.0	44.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		100.0	113.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00103	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00021	Amount Added:	1.00	Units: uL	Run Reagent	

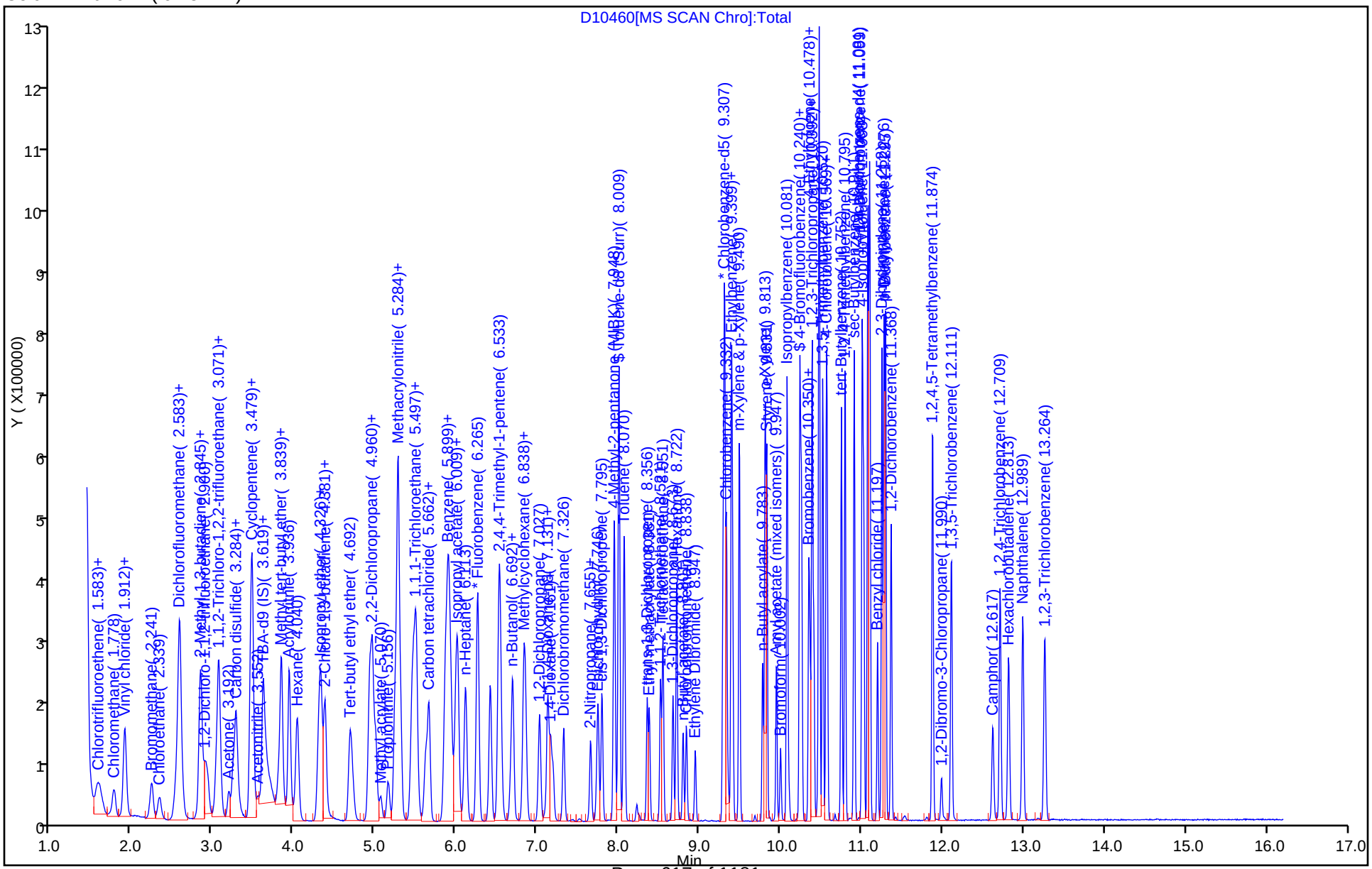
Report Date: 26-May-2015 12:44:20 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS4\20150522-27739.b\D10460.D

Injection Date:	22-May-2015 20:15:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-300519/5

Matrix: Solid Lab File ID: B82965.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/22/2015 21:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 300519 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1110		50	9.5
100-41-4	Ethylbenzene	1020		50	15
95-63-6	1,2,4-Trimethylbenzene	1040		50	12
1634-04-4	Methyl tert-butyl ether	1020		50	6.5
108-67-8	1,3,5-Trimethylbenzene	965		50	13
91-20-3	Naphthalene	768		50	13
98-82-8	Isopropylbenzene	1060		50	16
103-65-1	N-Propylbenzene	1080		50	15
99-87-6	4-Isopropyltoluene	1020		50	13
135-98-8	sec-Butylbenzene	1000		50	16
98-06-6	tert-Butylbenzene	1050		50	14
108-88-3	Toluene	1090		50	13
104-51-8	n-Butylbenzene	1000		50	14
1330-20-7	Xylenes, Total	2090		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-135
460-00-4	4-Bromofluorobenzene	98		72-133
2037-26-5	Toluene-d8 (Surr)	105		59-150
1868-53-7	Dibromofluoromethane (Surr)	104		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82965.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 22-May-2015 21:42:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0027742-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 11:16:37 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: tupayachia Date: 23-May-2015 19:24:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.093	0.008	90	16919	20.0	20.1	
2 Dichlorodifluoromethane	85	1.117	1.109	0.008	98	110994	20.0	21.2	
3 Chloromethane	50	1.233	1.232	0.000	98	98417	20.0	21.7	
5 Butadiene	54	1.323	1.315	0.008	90	98008	20.0	22.7	
4 Vinyl chloride	62	1.331	1.315	0.016	97	111972	20.0	22.1	
6 Bromomethane	94	1.553	1.553	0.000	99	82576	20.0	20.4	
7 Chloroethane	64	1.619	1.611	0.008	99	58528	20.0	20.6	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	97	168251	20.0	21.3	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	72	124770	20.0	20.1	
8 Pentane	72	1.809	1.809	0.000	98	21287	40.0	44.2	
11 Ethyl ether	59	1.998	1.990	0.008	92	69816	20.0	23.8	
12 Ethanol	46	2.006	1.998	0.008	74	12082	800.0	683.0	
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	96	65735	20.0	21.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.064	2.055	0.009	96	62245	20.0	22.6	
15 Acrolein	56	2.162	2.171	-0.009	26	6794	40.0	36.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	44	66881	20.0	20.9	
17 1,1-Dichloroethene	96	2.179	2.179	0.000	94	76476	20.0	22.1	
18 Acetone	43	2.278	2.278	0.000	89	92138	100.0	95.6	
19 Iodomethane	142	2.319	2.311	0.008	97	125468	20.0	20.7	
20 Carbon disulfide	76	2.335	2.327	0.008	99	288783	20.0	22.2	
21 Isopropyl alcohol	45	2.409	2.401	0.008	96	38076	200.0	195.2	
22 3-Chloro-1-propene	76	2.492	2.483	0.009	47	49213	20.0	24.9	
23 Cyclopentene	67	2.500	2.492	0.008	89	213342	20.0	22.7	
24 Methyl acetate	43	2.516	2.516	0.000	100	348819	100.0	109.8	
25 Acetonitrile	41	2.574	2.574	0.000	95	101016	200.0	211.5	
26 Methylene Chloride	84	2.623	2.615	0.008	92	87945	20.0	20.4	
* 27 TBA-d9 (IS)	65	2.664	2.656	0.008	85	383444	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.730	2.739	-0.009	91	79848	200.0	163.2	
29 Methyl tert-butyl ether	73	2.788	2.780	0.008	93	238199	20.0	20.4	
30 trans-1,2-Dichloroethene	96	2.804	2.796	0.008	96	84715	20.0	20.5	
31 Acrylonitrile	53	2.895	2.887	0.008	94	302134	200.0	235.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.969	2.969	0.000	92	44736	20.0	27.7	
34 Isopropyl ether	45	3.216	3.208	0.008	97	264630	20.0	21.3	
33 1,1-Dichloroethane	63	3.216	3.216	0.000	98	163621	20.0	22.6	
35 2-Chloro-1,3-butadiene	88	3.265	3.257	0.008	90	73545	20.0	20.9	
36 Vinyl acetate	86	3.265	3.265	0.000	100	12836	40.0	97.9	
37 Allyl alcohol	57	3.348	3.331	0.017	19	16298	500.0	342.7	M
38 Tert-butyl ethyl ether	59	3.545	3.545	0.000	89	261777	20.0	20.9	
39 2,2-Dichloropropane	41	3.751	3.751	0.000	71	73189	20.0	22.3	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	89	288361	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.784	3.775	0.009	99	91762	20.0	20.2	
41 2-Butanone (MEK)	72	3.817	3.808	0.009	97	40634	100.0	94.6	
42 Ethyl acetate	70	3.841	3.825	0.016	93	13751	40.0	38.5	
43 Methyl acrylate	55	3.882	3.882	0.000	99	69734	20.0	23.2	
44 Propionitrile	54	3.965	3.965	0.000	97	112751	200.0	215.3	
46 Tetrahydrofuran	72	4.022	4.006	0.016	71	19942	40.0	39.2	
45 Chlorobromomethane	128	4.031	4.022	0.009	91	41186	20.0	20.9	
47 Methacrylonitrile	67	4.072	4.063	0.009	90	344740	200.0	228.7	
48 Chloroform	83	4.105	4.105	0.000	99	147989	20.0	20.8	
49 Cyclohexane	84	4.212	4.195	0.017	90	100610	20.0	21.7	
50 1,1,1-Trichloroethane	97	4.236	4.236	0.000	97	123262	20.0	21.1	
$ 51 Dibromofluoromethane (Surr	113	4.277	4.277	0.000	95	160784	50.0	52.0	
52 Carbon tetrachloride	117	4.368	4.360	0.008	97	90166	20.0	19.7	
53 1,1-Dichloropropene	75	4.401	4.409	-0.008	97	104215	20.0	22.7	
54 Isooctane	57	4.607	4.598	0.009	96	145777	20.0	29.9	
55 Benzene	78	4.623	4.623	0.000	97	347798	20.0	22.2	
56 Isobutyl alcohol	43	4.648	4.656	-0.008	52	91594	500.0	509.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.656	0.000	96	196388	50.0	47.6	
59 Isopropyl acetate	87	4.738	4.730	0.008	62	73799	20.0	21.3	
58 Tert-amyl methyl ether	73	4.738	4.730	0.008	97	278538	20.0	20.4	
60 1,2-Dichloroethane	62	4.747	4.747	0.000	96	114957	20.0	19.7	
61 n-Heptane	57	4.845	4.837	0.008	92	32762	20.0	29.0	
* 62 Fluorobenzene	96	4.969	4.969	0.000	99	613124	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.232	5.224	0.008	94	230822	40.0	43.9	
64 Trichloroethene	95	5.389	5.380	0.008	98	77453	20.0	20.4	
65 n-Butanol	56	5.446	5.446	0.000	78	37171	500.0	399.2	
66 Methylcyclohexane	83	5.512	5.512	0.000	94	87713	20.0	22.7	
67 Ethyl acrylate	55	5.594	5.594	0.000	98	103106	20.0	22.6	
68 1,2-Dichloropropane	63	5.726	5.718	0.008	90	87331	20.0	22.0	
* 69 1,4-Dioxane-d8	96	5.816	5.825	-0.009	87	34197	1000.0	1000.0	
70 Dibromomethane	93	5.874	5.874	0.000	51	51610	20.0	21.2	
72 Methyl methacrylate	100	5.882	5.882	0.000	91	38188	40.0	39.5	
71 1,4-Dioxane	88	5.874	5.890	-0.016	29	15906	400.0	428.3	
73 n-Propyl acetate	43	5.973	5.965	0.008	99	105555	20.0	20.9	
74 Dichlorobromomethane	83	6.088	6.088	0.000	99	109640	20.0	19.6	
75 2-Nitropropane	41	6.508	6.508	0.000	98	40206	40.0	39.4	
76 2-Chloroethyl vinyl ether	63	6.541	6.541	0.000	97	50340	20.0	20.5	
77 Epichlorohydrin	57	6.639	6.648	-0.009	98	157992	400.0	439.9	
78 cis-1,3-Dichloropropene	75	6.697	6.697	0.000	92	127315	20.0	20.4	
79 4-Methyl-2-pentanone (MIBK	43	6.919	6.919	0.000	95	404961	100.0	99.3	
$ 80 Toluene-d8 (Surr)	98	6.952	6.960	-0.008	98	637298	50.0	52.4	
81 Toluene	91	7.043	7.043	0.000	93	344379	20.0	21.9	
82 trans-1,3-Dichloropropene	75	7.438	7.438	0.000	97	110717	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.487	7.495	-0.008	90	107786	20.0	21.6	
84 1,1,2-Trichloroethane	83	7.627	7.627	0.000	94	63444	20.0	20.4	
85 Tetrachloroethene	166	7.635	7.635	0.000	95	72967	20.0	22.5	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	95	120390	20.0	19.3	
87 2-Hexanone	43	7.899	7.899	0.000	95	237261	100.0	93.4	
88 Chlorodibromomethane	129	8.006	8.006	0.000	97	71590	20.0	19.6	
89 n-Butyl acetate	73	8.022	8.022	0.000	99	18020	20.0	19.0	
90 Ethylene Dibromide	107	8.121	8.121	0.000	99	67140	20.0	19.7	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	553185	50.0	50.0	
92 Chlorobenzene	112	8.590	8.598	-0.008	93	211847	20.0	21.0	
93 Ethylbenzene	106	8.680	8.680	0.000	98	117471	20.0	20.4	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.697	0.000	96	71031	20.0	18.2	
95 m-Xylene & p-Xylene	106	8.804	8.804	0.000	97	136303	20.0	20.5	
96 o-Xylene	106	9.174	9.174	0.000	94	150197	20.0	21.3	
97 n-Butyl acrylate	73	9.191	9.191	0.000	96	74459	20.0	19.9	
98 Styrene	104	9.207	9.207	0.000	94	250745	20.0	21.6	
99 Bromoform	173	9.388	9.388	0.000	95	43786	20.0	19.2	
100 Amyl acetate (mixed isomer	43	9.396	9.396	0.000	90	178712	20.0	21.3	
101 Isopropylbenzene	105	9.503	9.503	0.000	96	317516	20.0	21.1	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	85	191585	50.0	48.9	
103 Camphene	41	9.684	9.684	0.000	93	18386	20.0	23.9	
104 Bromobenzene	156	9.791	9.791	0.000	97	87006	20.0	19.5	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	98	98329	20.0	19.6	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	380377	20.0	21.6	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	93	29072	20.0	19.7	
108 trans-1,4-Dichloro-2-buten	53	9.907	9.907	0.000	92	26893	20.0	17.5	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	279829	20.0	20.2	
110 4-Ethyltoluene	105	9.964	9.964	0.000	99	319902	20.0	21.2	
111 1,3,5-Trimethylbenzene	105	10.022	10.022	0.000	93	252813	20.0	19.3	
112 4-Chlorotoluene	91	10.055	10.055	0.000	97	269726	20.0	19.5	
113 Butyl Methacrylate	87	10.121	10.121	0.000	90	122139	20.0	20.1	
114 tert-Butylbenzene	119	10.277	10.277	0.000	93	189056	20.0	20.9	
115 1,2,4-Trimethylbenzene	105	10.335	10.335	0.000	98	276898	20.0	20.8	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	262847	20.0	20.1	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	81	154418	20.0	19.1	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	232698	20.0	20.4	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.647	-0.008	96	313212	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.664	10.664	0.000	96	163158	20.0	20.1	
121 Benzyl chloride	91	10.787	10.787	0.000	98	196267	20.0	24.0	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	95	303775	20.0	19.2	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	136765	20.0	20.4	
124 n-Butylbenzene	91	10.911	10.911	0.000	97	255532	20.0	20.0	
125 1,2-Dichlorobenzene	146	10.960	10.968	-0.008	94	154436	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	97	207959	20.0	18.4	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	91	13140	20.0	12.9	
128 1,3,5-Trichlorobenzene	180	11.701	11.709	-0.008	97	80620	20.0	17.3	
129 Camphor	95	12.120	12.120	0.000	92	33059	100.0	56.8	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	93	54719	20.0	13.0	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	94	33251	20.0	26.8	
132 Naphthalene	128	12.400	12.400	0.000	99	169147	20.0	15.4	
133 1,2,3-Trichlorobenzene	180	12.606	12.606	0.000	96	50567	20.0	15.7	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

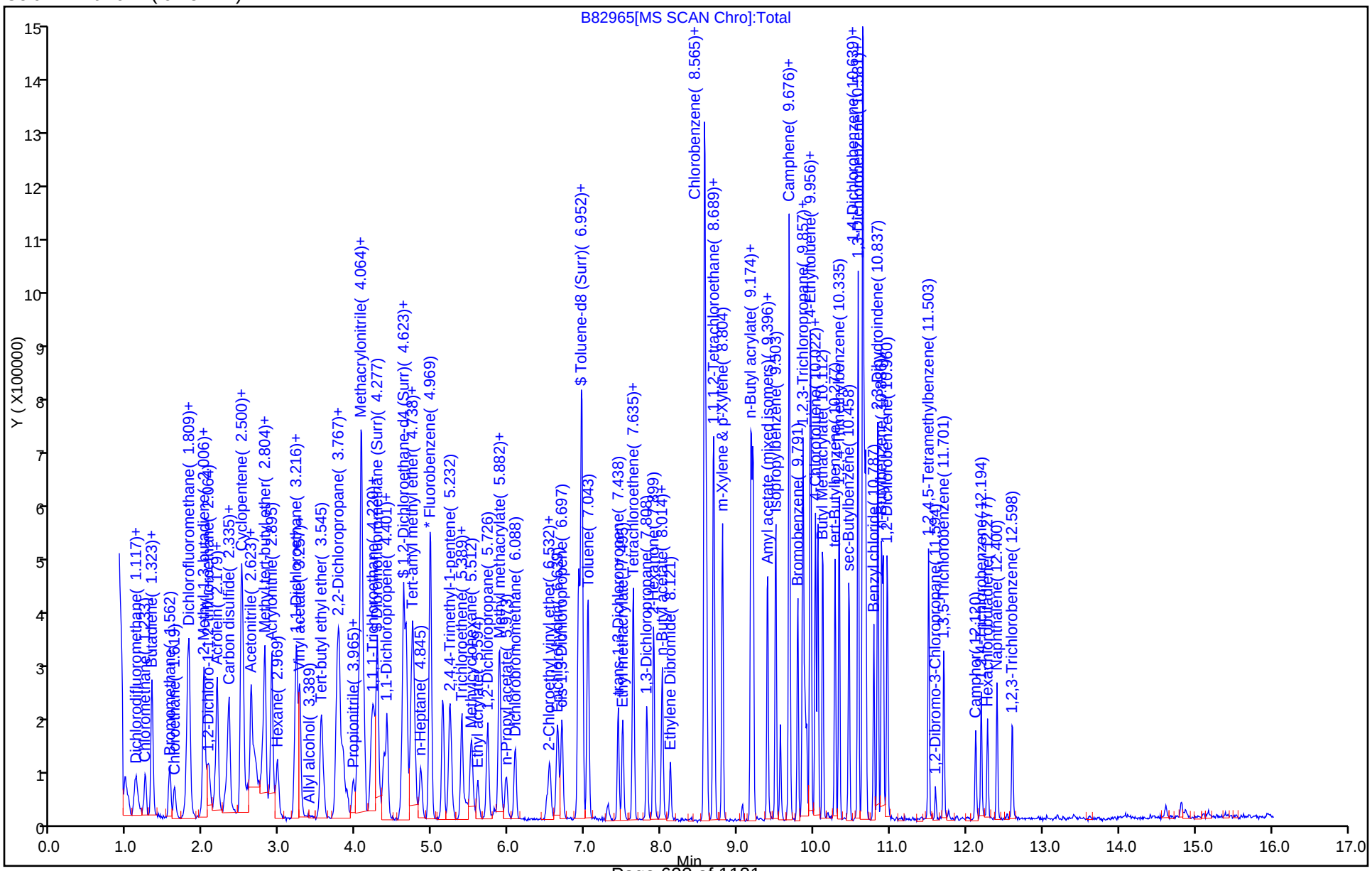
Report Date: 26-May-2015 11:16:38 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150522-27742.b\B82965.D

Injection Date:	22-May-2015 21:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-300803/5

Matrix: Solid | Lab File ID: B83022.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 10:25

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300803 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	1100		50	9.5
100-41-4	Ethylbenzene	998		50	15
95-63-6	1,2,4-Trimethylbenzene	1130		50	12
1634-04-4	Methyl tert-butyl ether	1120		50	6.5
108-67-8	1,3,5-Trimethylbenzene	1060		50	13
91-20-3	Naphthalene	822		50	13
98-82-8	Isopropylbenzene	1070		50	16
103-65-1	N-Propylbenzene	1140		50	15
99-87-6	4-Isopropyltoluene	1080		50	13
135-98-8	sec-Butylbenzene	1130		50	16
98-06-6	tert-Butylbenzene	1090		50	14
108-88-3	Toluene	1060		50	13
104-51-8	n-Butylbenzene	1100		50	14
1330-20-7	Xylenes, Total	2090		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-135
460-00-4	4-Bromofluorobenzene	100		72-133
2037-26-5	Toluene-d8 (Surr)	101		59-150
1868-53-7	Dibromofluoromethane (Surr)	112		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83022.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-May-2015 10:25:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0027798-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 19:22:10 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: martineze Date: 26-May-2015 12:11:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.109	1.109	0.000	50	13771	20.0	17.5	
2 Dichlorodifluoromethane	85	1.126	1.125	0.001	97	119156	20.0	24.4	
3 Chloromethane	50	1.241	1.232	0.009	99	95454	20.0	22.6	
5 Butadiene	54	1.331	1.315	0.016	84	96427	20.0	23.9	
4 Vinyl chloride	62	1.331	1.323	0.008	96	117882	20.0	24.9	
6 Bromomethane	94	1.562	1.553	0.009	98	81246	20.0	21.5	
7 Chloroethane	64	1.619	1.619	0.000	97	61400	20.0	23.1	
10 Trichlorofluoromethane	101	1.792	1.784	0.008	65	136554	20.0	23.5	
9 Dichlorofluoromethane	67	1.792	1.792	0.000	97	173801	20.0	23.5	
8 Pentane	72	1.809	1.808	0.001	96	23819	40.0	52.9	
11 Ethyl ether	59	1.998	1.990	0.008	81	64134	20.0	23.4	
13 2-Methyl-1,3-butadiene	53	2.014	1.998	0.016	96	71377	20.0	24.8	
12 Ethanol	46	1.990	2.006	-0.016	78	12182	800.0	724.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.056	2.072	-0.016	92	65176	20.0	25.4	
15 Acrolein	56	2.154	2.162	-0.008	28	7700	40.0	43.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.179	2.179	0.000	49	75733	20.0	25.3	
17 1,1-Dichloroethene	96	2.179	2.179	0.000	97	75906	20.0	23.4	
18 Acetone	43	2.278	2.278	0.000	86	74114	100.0	81.7	
19 Iodomethane	142	2.311	2.311	0.001	98	128709	20.0	22.7	
20 Carbon disulfide	76	2.335	2.335	0.000	98	292675	20.0	24.1	
21 Isopropyl alcohol	45	2.393	2.393	0.000	51	39178	200.0	211.3	
22 3-Chloro-1-propene	76	2.483	2.492	-0.009	41	52590	20.0	28.5	
23 Cyclopentene	67	2.500	2.492	0.008	86	226767	20.0	25.9	
24 Methyl acetate	43	2.516	2.508	0.008	99	335272	100.0	113.0	
25 Acetonitrile	41	2.566	2.566	0.000	95	101044	200.0	226.5	
26 Methylene Chloride	84	2.623	2.615	0.008	92	90187	20.0	22.4	
* 27 TBA-d9 (IS)	65	2.648	2.656	-0.008	90	364577	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.730	2.722	0.008	52	83359	200.0	179.1	
29 Methyl tert-butyl ether	73	2.788	2.788	0.000	94	244178	20.0	22.4	
30 trans-1,2-Dichloroethene	96	2.804	2.804	0.000	95	89715	20.0	23.2	
31 Acrylonitrile	53	2.887	2.887	0.000	95	290128	200.0	241.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.969	2.961	0.008	91	44342	20.0	29.4	
34 Isopropyl ether	45	3.208	3.208	0.000	97	262967	20.0	22.7	
33 1,1-Dichloroethane	63	3.216	3.208	0.008	97	155833	20.0	23.1	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	90	81319	20.0	24.8	
36 Vinyl acetate	86	3.257	3.257	0.000	86	10621	40.0	86.8	
37 Allyl alcohol	57	3.323	3.323	0.000	34	15242	500.0	337.1	
38 Tert-butyl ethyl ether	59	3.545	3.545	0.000	87	265951	20.0	22.8	
39 2,2-Dichloropropane	41	3.734	3.734	0.000	70	70196	20.0	22.9	
* 158 2-Butanone-d5	46	3.751	3.751	0.000	92	271353	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.776	3.767	0.009	97	91797	20.0	21.6	
41 2-Butanone (MEK)	72	3.808	3.800	0.008	98	36220	100.0	89.6	
42 Ethyl acetate	70	3.825	3.825	0.000	48	14220	40.0	42.3	
43 Methyl acrylate	55	3.874	3.874	0.000	99	66786	20.0	23.8	
44 Propionitrile	54	3.957	3.956	0.001	97	106571	200.0	214.0	
46 Tetrahydrofuran	72	4.006	3.998	0.008	68	17577	40.0	36.7	
45 Chlorobromomethane	128	4.022	4.014	0.008	93	42249	20.0	23.0	
47 Methacrylonitrile	67	4.064	4.055	0.009	90	340381	200.0	241.8	
48 Chloroform	83	4.096	4.096	0.000	99	148536	20.0	22.4	
49 Cyclohexane	84	4.212	4.195	0.017	91	102862	20.0	23.8	
50 1,1,1-Trichloroethane	97	4.236	4.236	0.000	98	122756	20.0	22.5	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	96	162513	50.0	56.2	
52 Carbon tetrachloride	117	4.360	4.351	0.009	97	97419	20.0	22.8	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	96	102481	20.0	23.9	
54 Isooctane	57	4.607	4.607	0.000	96	164005	20.0	35.9	
55 Benzene	78	4.615	4.615	0.000	97	338322	20.0	21.9	
56 Isobutyl alcohol	43	4.640	4.631	0.009	57	91618	500.0	535.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	94	203949	50.0	52.9	
59 Isopropyl acetate	87	4.730	4.722	0.008	65	71099	20.0	22.0	
58 Tert-amyl methyl ether	73	4.730	4.730	0.000	94	281091	20.0	22.0	
60 1,2-Dichloroethane	62	4.738	4.738	0.000	72	114900	20.0	21.1	
61 n-Heptane	57	4.845	4.837	0.008	89	32779	20.0	31.1	
* 62 Fluorobenzene	96	4.961	4.960	0.001	98	572673	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	95	263851	40.0	53.7	
64 Trichloroethene	95	5.380	5.372	0.008	93	80414	20.0	22.6	
65 n-Butanol	56	5.430	5.421	0.009	85	40954	500.0	462.4	
66 Methylcyclohexane	83	5.512	5.512	0.000	95	90424	20.0	25.0	
67 Ethyl acrylate	55	5.586	5.586	0.000	97	99575	20.0	23.4	
68 1,2-Dichloropropane	63	5.718	5.709	0.009	89	81211	20.0	21.9	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	44	36281	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	52	49620	20.0	21.8	
71 1,4-Dioxane	88	5.882	5.858	0.024	33	19193	400.0	487.2	
72 Methyl methacrylate	100	5.874	5.866	0.008	87	39448	40.0	43.7	
73 n-Propyl acetate	43	5.956	5.956	0.000	99	105346	20.0	22.4	
74 Dichlorobromomethane	83	6.080	6.080	0.000	99	108713	20.0	20.8	
75 2-Nitropropane	41	6.508	6.499	0.009	89	36632	40.0	38.5	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	90	53446	20.0	23.3	
77 Epichlorohydrin	57	6.631	6.631	0.000	97	156060	400.0	461.8	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	91	130052	20.0	21.2	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.911	0.000	97	391110	100.0	101.9	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	98	605096	50.0	50.5	
81 Toluene	91	7.034	7.034	0.000	95	327364	20.0	21.1	
82 trans-1,3-Dichloropropene	75	7.430	7.429	0.001	95	115507	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.487	7.487	0.000	88	107759	20.0	21.9	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	93	60593	20.0	19.8	
85 Tetrachloroethene	166	7.627	7.627	0.000	94	72217	20.0	22.6	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	93	124490	20.0	20.3	
87 2-Hexanone	43	7.890	7.890	0.000	95	243604	100.0	101.9	
88 Chlorodibromomethane	129	8.006	8.005	0.001	98	69338	20.0	19.3	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	17469	20.0	18.7	
90 Ethylene Dibromide	107	8.113	8.112	0.001	100	65204	20.0	19.5	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	545024	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	93	208168	20.0	20.9	
93 Ethylbenzene	106	8.680	8.680	0.000	99	113143	20.0	20.0	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	92	73708	20.0	19.1	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	97	139146	20.0	21.3	
96 o-Xylene	106	9.174	9.174	0.000	93	142385	20.0	20.5	
97 n-Butyl acrylate	73	9.182	9.182	0.000	98	73755	20.0	20.0	
98 Styrene	104	9.199	9.199	0.000	95	240655	20.0	21.0	
99 Bromoform	173	9.388	9.388	0.000	94	43440	20.0	19.4	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	91	167126	20.0	21.1	
101 Isopropylbenzene	105	9.495	9.495	0.000	97	316120	20.0	21.4	
$ 102 4-Bromofluorobenzene	174	9.668	9.676	-0.008	85	192781	50.0	50.0	
103 Camphene	41	9.684	9.676	0.008	94	20876	20.0	27.5	
104 Bromobenzene	156	9.783	9.783	0.000	97	87702	20.0	20.9	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	97	92735	20.0	19.7	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	378252	20.0	22.8	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	24658	20.0	17.7	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	79	26331	20.0	18.2	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	282045	20.0	21.6	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	321794	20.0	22.6	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	260353	20.0	21.1	
112 4-Chlorotoluene	91	10.047	10.046	0.001	98	270024	20.0	20.8	
113 Butyl Methacrylate	87	10.112	10.112	0.000	89	130384	20.0	22.8	
114 tert-Butylbenzene	119	10.277	10.277	0.000	92	186183	20.0	21.9	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	97	282087	20.0	22.5	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	278593	20.0	22.6	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	85	159325	20.0	20.9	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	98	232188	20.0	21.6	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	294632	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.655	0.001	95	155584	20.0	20.4	
121 Benzyl chloride	91	10.779	10.779	0.000	98	189945	20.0	24.7	
122 2,3-Dihydroindene	117	10.837	10.836	0.001	94	307242	20.0	20.6	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	137613	20.0	21.8	
124 n-Butylbenzene	91	10.902	10.902	0.000	97	263031	20.0	21.9	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	152535	20.0	20.4	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	97	213512	20.0	20.1	
127 1,2-Dibromo-3-Chloropropan	75	11.586	11.594	-0.008	91	12175	20.0	12.7	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	97	79874	20.0	18.2	
129 Camphor	95	12.120	12.120	0.000	91	41669	100.0	76.1	
130 1,2,4-Trichlorobenzene	180	12.195	12.194	0.001	91	55937	20.0	14.1	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	91	33378	20.0	28.6	
132 Naphthalene	128	12.400	12.400	0.000	99	170177	20.0	16.4	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	93	53605	20.0	17.7	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	41.8	

Reagents:

8260SURR250_00074	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
GASES Li_00103	Amount Added: 20.00	Units: uL	
8260ISNEW_00016	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 26-May-2015 19:23:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27798.b\B83022.D

Injection Date: 26-May-2015 10:25:30 Instrument ID: CVOAMS2 Operator ID:

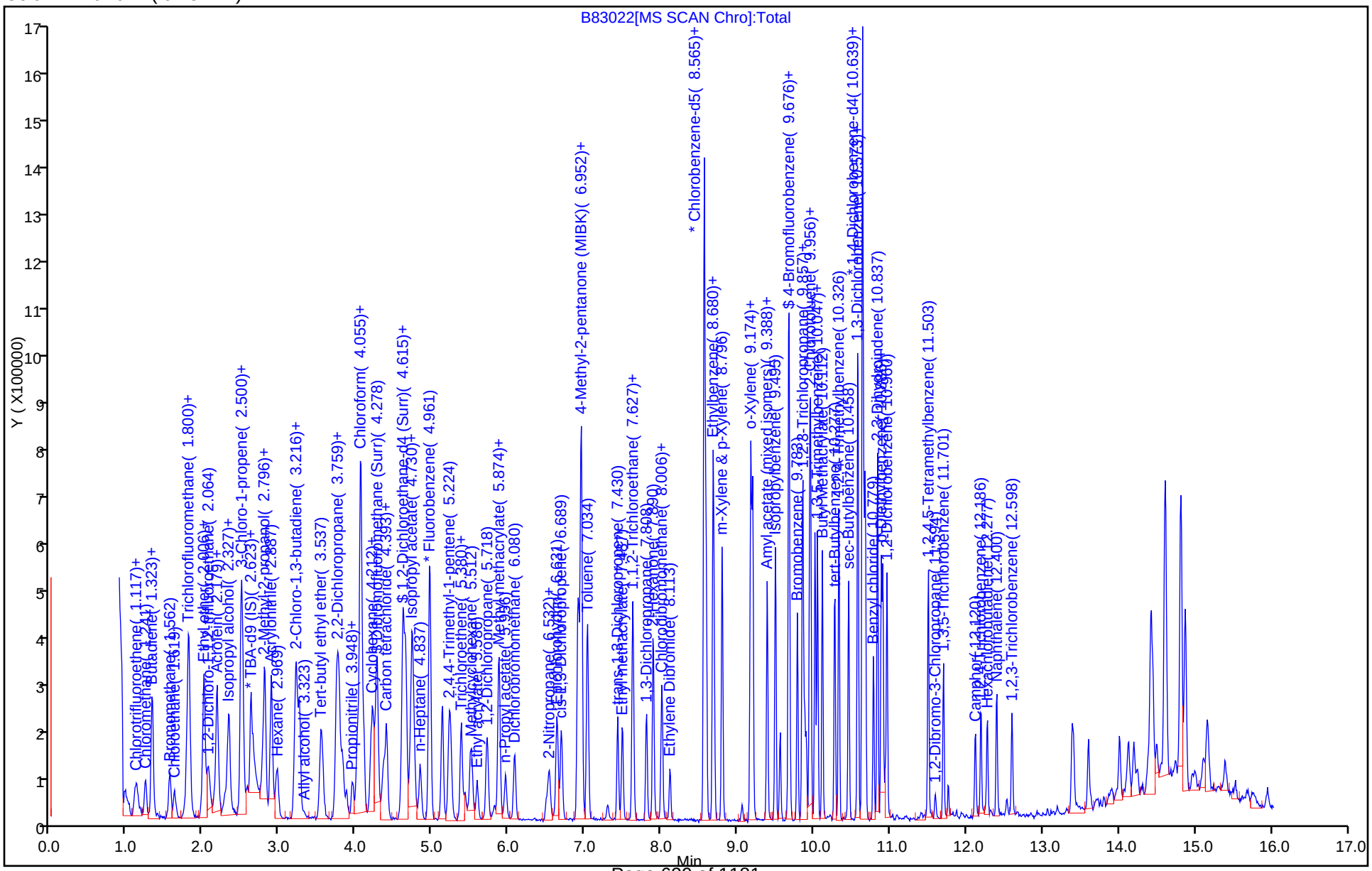
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 4

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-300938/27

Matrix: Solid | Lab File ID: O98857.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/27/2015 08:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	19.3		1.0	0.20
100-41-4	Ethylbenzene	19.0		1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	17.6		1.0	0.34
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.17
108-67-8	1,3,5-Trimethylbenzene	17.6		1.0	0.13
91-20-3	Naphthalene	22.1		1.0	0.12
98-82-8	Isopropylbenzene	19.6		1.0	0.17
103-65-1	N-Propylbenzene	19.9		1.0	0.18
99-87-6	4-Isopropyltoluene	18.1		1.0	0.15
135-98-8	sec-Butylbenzene	19.8		1.0	0.17
98-06-6	tert-Butylbenzene	19.0		1.0	0.34
108-88-3	Toluene	19.0		1.0	0.19
104-51-8	n-Butylbenzene	19.2		1.0	0.21
1330-20-7	Xylenes, Total	36.7		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	104		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98857.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 27-May-2015 08:14:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0027822-027
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:20:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: baronm Date: 27-May-2015 13:21:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	94	14369	20.0	22.7	
2 Dichlorodifluoromethane	85	0.979	0.985	-0.006	100	126600	20.0	28.6	
3 Chloromethane	50	1.107	1.113	-0.006	99	92637	20.0	26.3	
4 Vinyl chloride	62	1.150	1.156	-0.006	98	104423	20.0	25.9	
5 Butadiene	54	1.168	1.174	-0.006	96	100165	20.0	27.4	
6 Bromomethane	94	1.344	1.344	0.000	99	71989	20.0	30.2	
7 Chloroethane	64	1.405	1.405	0.000	98	64875	20.0	24.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	155015	20.0	27.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	142022	20.0	25.8	
10 Pentane	72	1.606	1.606	0.000	96	33729	40.0	47.0	
11 Ethanol	46	1.667	1.685	-0.018	93	15638	800.0	1355.8	
12 Ethyl ether	59	1.734	1.734	0.000	95	46683	20.0	22.4	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	72358	20.0	24.0	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	75248	20.0	24.6	
15 Acrolein	56	1.807	1.807	0.000	95	26208	300.0	243.6	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	76872	20.0	23.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	97	84987	20.0	24.1	
18 Acetone	43	1.904	1.910	-0.006	87	74847	100.0	128.1	
19 Iodomethane	142	1.971	1.971	0.000	98	65389	20.0	16.1	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	33	26912	200.0	190.0	
20 Carbon disulfide	76	2.013	2.013	0.000	99	255169	20.0	23.0	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	46298	20.0	28.5	
23 Methyl acetate	43	2.123	2.123	0.000	99	170278	100.0	90.0	
24 Acetonitrile	39	2.166	2.165	0.001	31	50424	200.0	189.8	
25 Cyclopentene	67	2.166	2.165	0.001	96	229643	20.0	24.9	
26 Methylene Chloride	84	2.190	2.190	0.000	89	69934	20.0	23.1	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	202678	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	99	46115	200.0	193.4	
29 Acrylonitrile	53	2.354	2.354	0.000	95	134552	200.0	272.4	
30 trans-1,2-Dichloroethene	96	2.379	2.378	0.000	96	80560	20.0	23.2	
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	96	134803	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.585	2.585	0.000	92	63787	20.0	23.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	99	125667	20.0	23.1	
34 Allyl alcohol	57	2.725	2.731	-0.006	34	18194	500.0	431.0	
35 Vinyl acetate	86	2.731	2.731	0.000	100	6385	40.0	40.2	
36 Isopropyl ether	45	2.750	2.756	-0.006	96	139899	20.0	22.0	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	91	68867	20.0	23.0	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	89	130556	20.0	22.2	
* 157 2-Butanone-d5	46	3.109	3.114	-0.005	100	135690	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	81	26044	20.0	23.6	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	76024	20.0	23.7	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	23557	100.0	96.5	
42 Propionitrile	54	3.206	3.206	0.000	95	49691	200.0	180.0	
43 Ethyl acetate	43	3.224	3.224	0.000	100	50936	40.0	37.1	
44 Methyl acrylate	55	3.248	3.248	0.000	99	29044	20.0	19.2	
45 Methacrylonitrile	67	3.334	3.334	0.000	91	150279	200.0	215.6	
46 Chlorobromomethane	128	3.340	3.340	0.000	79	30654	20.0	25.2	
47 Tetrahydrofuran	71	3.388	3.388	0.000	83	9210	40.0	39.3	
48 Chloroform	83	3.413	3.419	-0.006	99	114172	20.0	24.1	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	103076	50.0	49.3	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	108541	20.0	23.8	
51 Cyclohexane	56	3.626	3.626	0.000	89	124151	20.0	25.6	
53 Carbon tetrachloride	117	3.723	3.723	0.000	94	93996	20.0	22.9	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	94	89831	20.0	24.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	88497	50.0	48.9	
55 Isobutyl alcohol	43	3.869	3.869	0.000	91	32115	500.0	440.0	
56 Benzene	78	3.918	3.918	0.000	95	248670	20.0	19.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	66256	20.0	23.3	
58 Isooctane	57	4.015	4.015	0.000	96	229653	20.0	24.1	
72 Isopropyl acetate	43	4.021	4.021	0.000	96	119355	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	109929	20.0	22.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	341035	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	63421	20.0	25.8	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	329723	40.0	48.1	
64 Trichloroethene	95	4.569	4.568	0.001	98	67745	20.0	23.4	
65 Ethyl acrylate	55	4.769	4.769	0.000	75	89544	20.0	25.2	
63 n-Butanol	43	4.769	4.775	-0.006	47	4944	500.0	325.3	
66 Methylcyclohexane	83	4.769	4.775	-0.006	93	115591	20.0	23.9	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	56801	20.0	23.7	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	39	20862	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	93	28841	20.0	22.9	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	47599	40.0	42.9	
71 1,4-Dioxane	88	4.964	4.976	-0.012	34	9983	400.0	381.7	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	35263	20.0	21.3	
74 Dichlorobromomethane	83	5.110	5.116	-0.006	99	72943	20.0	22.7	
75 2-Nitropropane	41	5.378	5.378	0.000	99	15380	40.0	48.3	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	95	23009	20.0	24.1	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	63367	400.0	385.5	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	92	79199	20.0	18.6	
79 4-Methyl-2-pentanone (MIBK	43	5.864	5.870	-0.006	95	123730	100.0	97.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	383305	50.0	42.9	
81 Toluene	91	6.059	6.059	0.000	93	246831	20.0	19.0	
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	97	58672	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	6.540	6.540	0.000	88	40286	20.0	16.8	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	29422	20.0	18.0	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	71075	20.0	18.3	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	63606	20.0	18.8	
87 2-Hexanone	43	6.978	6.978	0.000	94	89148	100.0	93.8	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	42442	20.0	16.7	
89 n-Butyl acetate	43	7.209	7.203	0.006	98	34371	20.0	19.6	
90 Ethylene Dibromide	107	7.233	7.233	0.000	100	35032	20.0	17.7	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	336945	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	95	148710	20.0	18.5	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	45467	20.0	16.7	
94 Ethylbenzene	106	8.164	8.164	0.000	98	90172	20.0	19.0	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	96	103699	20.0	18.6	
96 o-Xylene	106	8.943	8.943	0.000	94	96486	20.0	18.1	
97 Styrene	104	8.973	8.973	0.000	96	163336	20.0	18.2	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	23579	20.0	16.7	
99 Bromoform	173	9.204	9.204	0.000	98	24455	20.0	14.5	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	42899	20.0	17.3	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	284143	20.0	19.6	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	159808	50.0	51.8	
103 Camphene	41	9.922	9.916	0.006	94	24137	20.0	22.9	
104 Bromobenzene	156	9.953	9.952	0.001	95	65024	20.0	17.9	
105 1,1,2,2-Tetrachloroethane	83	10.056	10.056	0.000	98	38282	20.0	18.3	
106 1,2,3-Trichloropropane	110	10.086	10.080	0.006	96	11566	20.0	17.8	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.153	0.006	91	9927	20.0	18.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	99	332286	20.0	19.9	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	175122	20.0	18.7	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	262620	20.0	18.5	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	183029	20.0	18.7	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	195333	20.0	17.6	
113 Butyl Methacrylate	87	10.816	10.816	0.000	88	41264	20.0	15.7	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	207874	20.0	19.0	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	201294	20.0	17.6	
116 sec-Butylbenzene	105	11.400	11.406	-0.006	99	316529	20.0	19.8	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	123224	20.0	17.5	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	187695	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	96	119748	20.0	17.1	
120 4-Isopropyltoluene	119	11.632	11.631	0.001	98	252013	20.0	18.1	
121 Benzyl chloride	91	11.826	11.820	0.006	99	79294	20.0	16.1	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	205591	20.0	18.5	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	97	111184	20.0	17.9	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	149457	20.0	18.0	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	283918	20.0	19.2	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	93	9219	20.0	16.0	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	233758	20.0	20.0	
133 1,3,5-Trichlorobenzene	180	13.146	13.140	0.006	98	109711	20.0	17.8	
129 Camphor	95	13.603	13.603	0.000	90	21749	100.0	109.7	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	95275	20.0	17.5	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	69163	20.0	17.9	
132 Naphthalene	128	13.889	13.888	0.001	99	165995	20.0	22.1	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	85219	20.0	18.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	36.7	
S 136 Total BTEX	1				0		100.0	94.0	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL	
GASES Li_00103	Amount Added:	2.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

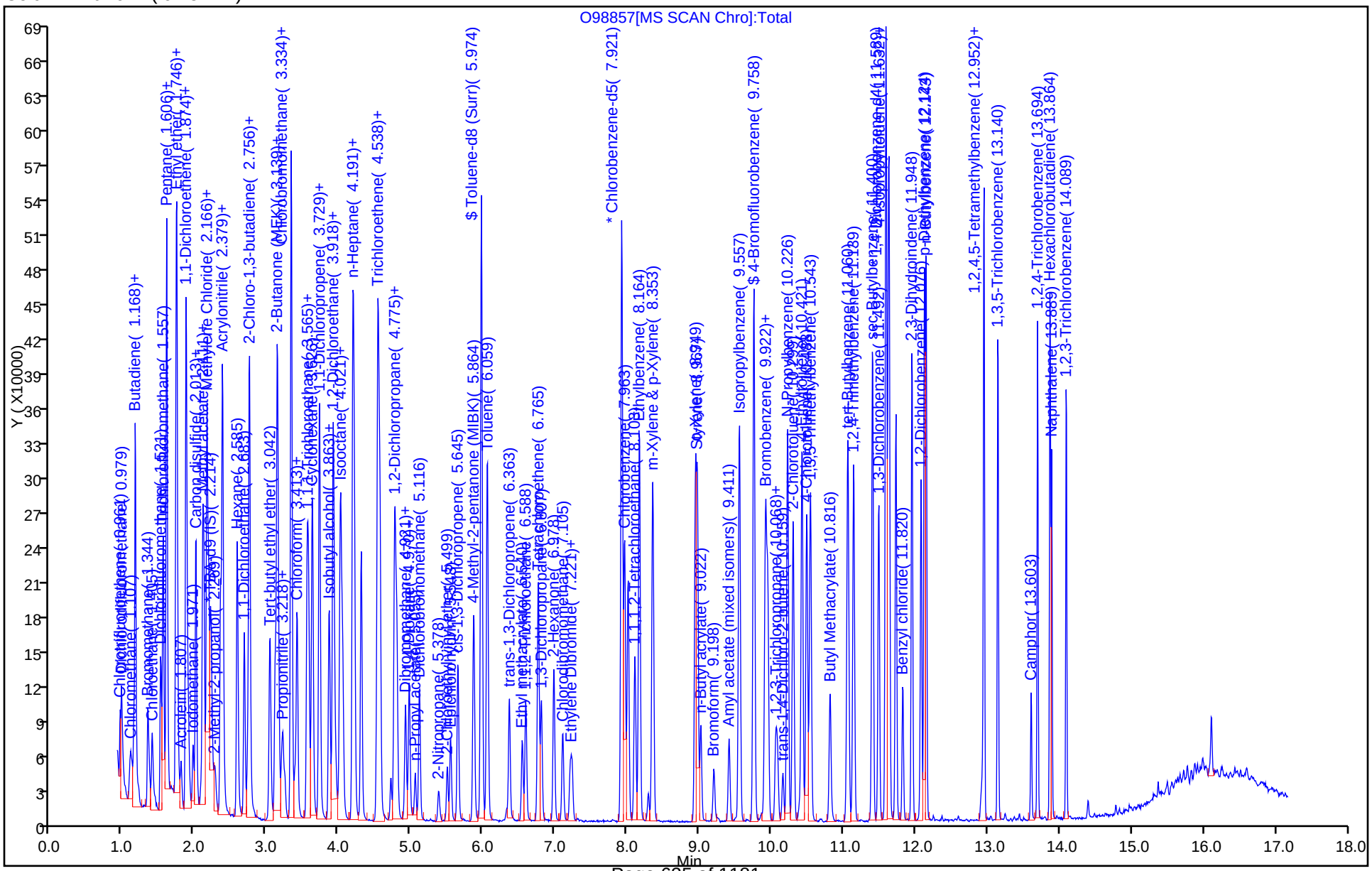
Report Date: 27-May-2015 13:21:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98857.D

Injection Date:	27-May-2015 08:14:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	LCSD			Worklist Smp#:	27
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95226-A-5 MS

Matrix: Water | Lab File ID: F27899.D

Analysis Method: 8260C | Date Collected: 05/19/2015 14:01

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 12:57

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	3420		20	1.8
100-41-4	Ethylbenzene	2340		20	6.0
95-63-6	1,2,4-Trimethylbenzene	1820		20	4.6
1634-04-4	Methyl tert-butyl ether	3690		20	2.6
108-67-8	1,3,5-Trimethylbenzene	655		20	5.0
91-20-3	Naphthalene	815		20	5.2
98-82-8	Isopropylbenzene	939		20	6.4
103-65-1	N-Propylbenzene	596		20	5.8
99-87-6	4-Isopropyltoluene	350		20	5.2
135-98-8	sec-Butylbenzene	345		20	6.2
98-06-6	tert-Butylbenzene	335		20	5.6
108-88-3	Toluene	12900		20	5.0
104-51-8	n-Butylbenzene	495		20	5.4
1330-20-7	Xylenes, Total	10500		40	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-130
460-00-4	4-Bromofluorobenzene	81		64-135
2037-26-5	Toluene-d8 (Surr)	96		70-130
1868-53-7	Dibromofluoromethane (Surr)	87		72-137

Report Date: 27-May-2015 16:00:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27899.D
Lims ID: 460-95226-A-5 MS
Client ID:
Sample Type: MS
Inject. Date: 26-May-2015 12:57:30 ALS Bottle#: 9 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 460-95226-A-5 MS
Misc. Info.: 460-0027791-016
Operator ID: Instrument ID: CVOAMS6

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 16:00:03 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: yospanyaw Date: 27-May-2015 13:51:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	44	5220	20.0	16.5	
2 Dichlorodifluoromethane	85	0.976	0.970	0.006	99	51478	20.0	18.1	
3 Chloromethane	50	1.068	1.068	0.000	98	32424	20.0	18.4	
4 Butadiene	54	1.122	1.122	0.000	87	37765	20.0	20.9	
5 Vinyl chloride	62	1.135	1.128	0.006	98	40610	20.0	20.1	
6 Bromomethane	94	1.293	1.287	0.006	99	18220	20.0	19.3	
7 Chloroethane	64	1.323	1.317	0.006	98	15869	20.0	20.7	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	98	69967	20.0	23.1	
9 Pentane	72	1.451	1.451	0.000	95	29977	40.0	169.1	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	50	55726	20.0	20.9	
11 Ethanol	45	1.573	1.573	0.000	2	22199	800.0	732.1	
12 Ethyl ether	59	1.573	1.573	0.000	93	16411	20.0	20.1	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	91	43430	20.0	33.7	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	84	35477	20.0	18.9	
15 Acrolein	56	1.688	1.682	0.006	45	13220	40.0	517.6	E
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	93	46326	20.0	17.2	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	97	42135	20.0	19.5	
18 Acetone	43	1.755	1.755	0.000	85	44720	100.0	79.0	
19 Iodomethane	142	1.792	1.792	0.000	98	101255	20.0	18.9	
21 Carbon disulfide	76	1.816	1.816	0.000	99	116831	20.0	17.0	
20 Isopropyl alcohol	45	1.822	1.822	0.000	43	17411	200.0	187.1	
22 3-Chloro-1-propene	41	1.907	1.895	0.012	83	117984	20.0	47.4	
23 Methyl acetate	43	1.913	1.907	0.006	93	216138	100.0	219.0	
24 Cyclopentene	67	1.913	1.907	0.006	95	298299	20.0	64.6	
25 Acetonitrile	41	1.962	1.944	0.018	93	131535	200.0	576.5	
27 Methylene Chloride	84	1.980	1.980	0.000	89	52655	20.0	24.2	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	94	54638	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	91	41826	200.0	214.9	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	1065487	20.0	184.5	
30 trans-1,2-Dichloroethene	96	2.108	2.102	0.006	91	39098	20.0	20.1	
31 Acrylonitrile	53	2.157	2.157	0.000	92	91531	200.0	188.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.205	2.205	0.000	91	32485	20.0	33.9	
33 Isopropyl ether	45	2.357	2.357	0.000	97	87457	20.0	21.2	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	59441	20.0	20.9	
35 Vinyl acetate	86	2.388	2.388	0.000	97	2798	40.0	74.9	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	29777	20.0	21.4	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	90	93258	20.0	19.0	
39 2,2-Dichloropropane	77	2.728	2.722	0.006	94	55785	20.0	17.4	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	97	40110	20.0	19.9	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	11522	100.0	94.8	
42 Ethyl acetate	70	2.765	2.765	0.000	93	3645	40.0	40.5	
48 Methyl acrylate	55	2.807	2.807	0.000	98	15121	20.0	21.6	
43 Propionitrile	54	2.862	2.862	0.000	97	31546	200.0	182.0	
44 Chlorobromomethane	128	2.911	2.911	0.000	70	22455	20.0	19.4	
45 Tetrahydrofuran	42	2.923	2.923	0.000	43	15799	40.0	36.5	
46 Methacrylonitrile	67	2.929	2.935	-0.006	84	130123	200.0	301.4	
47 Chloroform	83	2.953	2.953	0.000	99	61199	20.0	20.5	
49 Cyclohexane	56	3.045	3.045	0.000	89	97243	20.0	29.0	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	96	67401	20.0	19.3	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	74548	50.0	43.5	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	59412	20.0	18.4	
53 1,1-Dichloropropene	75	3.173	3.173	0.000	94	37365	20.0	21.1	
55 Benzene	78	3.325	3.325	0.000	96	872817	20.0	170.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	93	74264	50.0	44.0	
54 Isobutyl alcohol	43	3.300	3.379	-0.079	1	42585	500.0	517.6	
57 Isopropyl acetate	43	3.379	3.379	0.000	68	91542	20.0	23.9	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	89	170247	20.0	28.9	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	98	40003	20.0	19.4	
60 n-Heptane	57	3.446	3.452	-0.006	91	15638	20.0	21.1	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	349703	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	93	160777	40.0	31.2	
64 Trichloroethene	95	3.836	3.836	0.000	94	31568	20.0	19.8	
63 n-Butanol	56	3.842	3.842	0.000	96	11041	500.0	355.0	
65 Methylcyclohexane	83	3.933	3.933	0.000	94	79906	20.0	21.1	
66 Ethyl acrylate	55	3.726	3.933	-0.207	78	50598	20.0	16.7	
67 1,2-Dichloropropane	63	4.067	4.073	-0.006	85	22168	20.0	19.6	
* 68 1,4-Dioxane-d8	96	4.134	4.140	-0.006	94	12970	1000.0	1000.0	
69 Methyl methacrylate	100	4.152	4.152	0.000	85	10121	40.0	37.3	
70 Dibromomethane	93	4.176	4.176	0.000	91	20977	20.0	19.4	
71 1,4-Dioxane	88	4.182	4.182	0.000	32	4880	400.0	405.2	
72 n-Propyl acetate	43	4.207	4.207	0.000	99	18323	20.0	18.2	
73 Dichlorobromomethane	83	4.310	4.310	0.000	98	35046	20.0	17.0	
74 2-Nitropropane	41	4.596	4.602	-0.006	95	8623	40.0	28.1	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	47	2165	20.0	4.53	
76 Epichlorohydrin	57	4.693	4.699	-0.006	98	35720	400.0	430.9	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	35757	20.0	20.6	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	96	94454	100.0	98.3	
$ 79 Toluene-d8 (Surr)	98	4.943	4.943	0.000	99	213358	50.0	48.0	
80 Toluene	91	5.016	5.010	0.006	94	3282426	20.0	647.4	E
81 trans-1,3-Dichloropropene	75	5.332	5.332	0.000	98	29373	20.0	18.9	
82 Ethyl methacrylate	69	5.381	5.381	0.000	89	19261	20.0	18.1	
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	93	17075	20.0	19.6	
84 Tetrachloroethene	166	5.545	5.545	0.000	96	40738	20.0	22.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 1,3-Dichloropropane	76	5.703	5.703	0.000	93	30015	20.0	19.7	
86 2-Hexanone	43	5.788	5.795	-0.007	96	46344	100.0	85.4	
87 Chlorodibromomethane	129	5.910	5.910	0.000	97	25601	20.0	15.4	
88 n-Butyl acetate	43	5.910	5.910	0.000	78	19159	20.0	17.5	
89 Ethylene Dibromide	107	6.038	6.038	0.000	100	24718	20.0	18.8	
* 90 Chlorobenzene-d5	117	6.543	6.549	-0.006	83	278572	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	88269	20.0	20.7	
92 Ethylbenzene	106	6.689	6.689	0.000	97	246151	20.0	117.1	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	91	43495	20.0	20.1	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	1007723	20.0	371.0	
95 o-Xylene	106	7.328	7.328	0.000	95	484794	20.0	153.3	
96 Styrene	104	7.370	7.370	0.000	97	111430	20.0	24.1	
97 n-Butyl acrylate	73	7.376	7.376	0.000	55	15610	20.0	18.3	
98 Bromoform	173	7.626	7.632	-0.006	98	14484	20.0	11.4	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	33402	20.0	17.9	
100 Isopropylbenzene	105	7.833	7.833	0.000	95	396316	20.0	47.0	
$ 101 4-Bromofluorobenzene	174	8.125	8.125	0.000	96	94845	50.0	40.7	
102 Camphene	41	8.143	8.143	0.000	92	11491	20.0	17.7	
103 Bromobenzene	156	8.319	8.319	0.000	80	52105	20.0	20.2	
104 1,1,2,2-Tetrachloroethane	83	8.483	8.483	0.000	96	35834	20.0	21.2	
105 N-Propylbenzene	91	8.502	8.502	0.000	100	240950	20.0	29.8	
106 1,2,3-Trichloropropane	110	8.538	8.532	0.006	94	10942	20.0	20.5	
107 trans-1,4-Dichloro-2-buten	53	8.611	8.605	0.006	62	4659	20.0	15.4	
108 2-Chlorotoluene	91	8.660	8.660	0.000	96	182663	20.0	32.9	
109 4-Ethyltoluene	105	8.721	8.727	-0.006	99	299111	20.0	38.1	
110 1,3,5-Trimethylbenzene	105	8.867	8.867	0.000	94	311584	20.0	32.7	
111 4-Chlorotoluene	91	8.885	8.885	0.000	98	137185	20.0	23.5	
112 Butyl Methacrylate	87	9.189	9.189	0.000	89	38908	20.0	19.8	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	149265	20.0	16.8	
114 1,2,4-Trimethylbenzene	105	9.633	9.627	0.006	96	708103	20.0	91.2	
115 sec-Butylbenzene	105	9.992	9.992	0.000	99	207591	20.0	17.2	
116 1,3-Dichlorobenzene	146	10.266	10.266	0.000	98	101455	20.0	21.1	
117 4-Isopropyltoluene	119	10.394	10.388	0.006	98	199159	20.0	17.5	
* 118 1,4-Dichlorobenzene-d4	152	10.448	10.442	0.006	91	206933	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.491	10.491	0.000	97	104960	20.0	21.6	
120 Benzyl chloride	91	10.783	10.777	0.006	100	64368	20.0	21.0	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	94	333648	20.0	40.5	
122 p-Diethylbenzene	119	11.032	11.032	0.000	94	145418	20.0	28.6	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	92	107990	20.0	21.9	
124 n-Butylbenzene	91	11.057	11.057	0.000	97	191837	20.0	24.8	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	213013	20.0	24.0	
126 1,2-Dibromo-3-Chloropropan	75	11.933	11.933	0.000	92	6444	20.0	19.4	
127 1,3,5-Trichlorobenzene	180	12.061	12.055	0.006	97	94007	20.0	22.3	
128 Camphor	95	12.486	12.474	0.012	87	22749	100.0	97.3	
129 1,2,4-Trichlorobenzene	180	12.553	12.541	0.012	94	65812	20.0	16.2	
130 Hexachlorobutadiene	225	12.651	12.626	0.025	92	34829	20.0	18.3	
131 Naphthalene	128	12.724	12.705	0.019	99	190602	20.0	40.8	
132 1,2,3-Trichlorobenzene	180	12.894	12.864	0.030	96	40653	20.0	19.7	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.0	
S 134 Xylenes, Total	100				0		40.0	524.2	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

GASES Li_00103	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

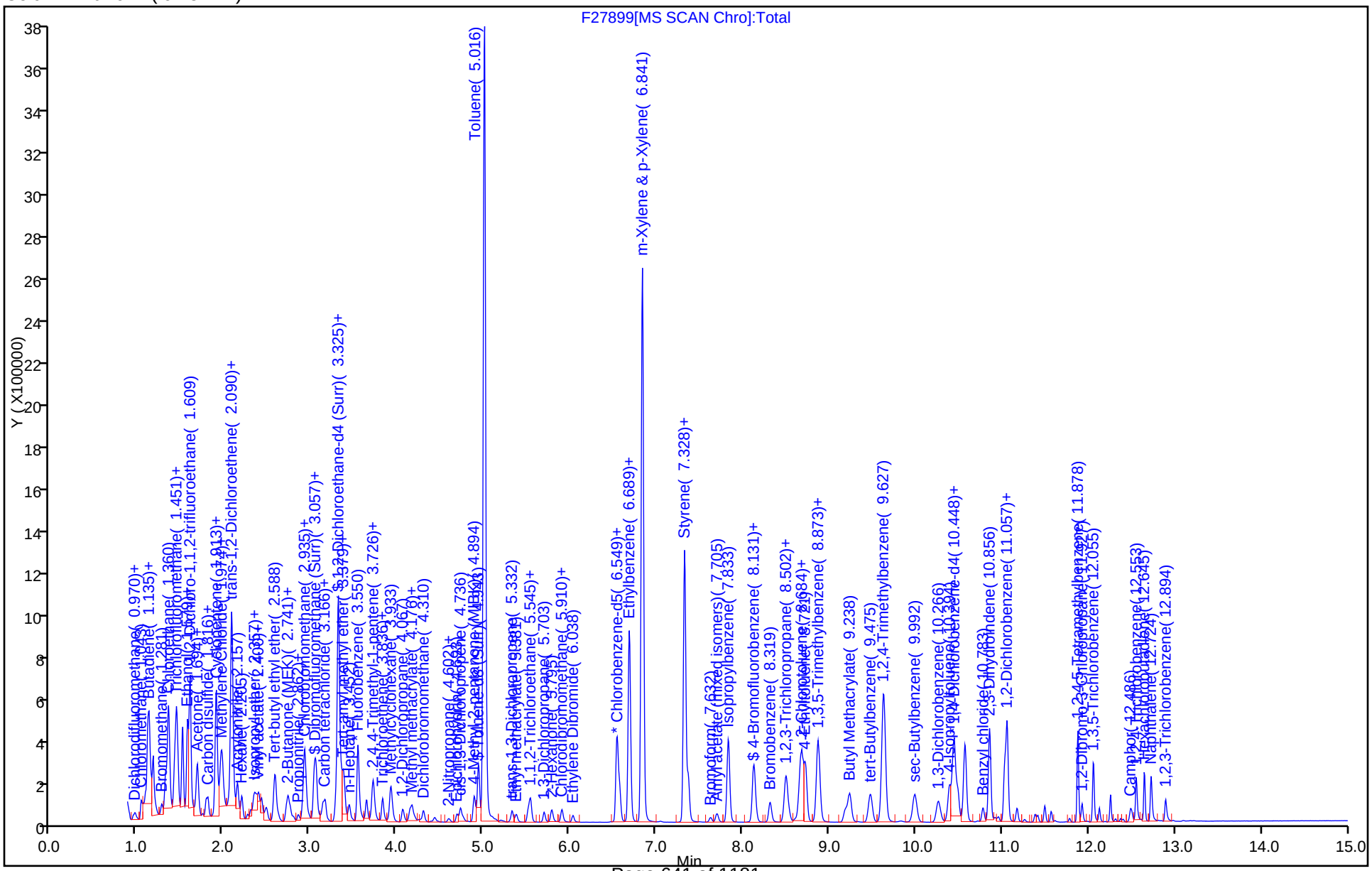
Report Date: 27-May-2015 16:00:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27899.D

Injection Date:	26-May-2015 12:57:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-95226-A-5 MS			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	9
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95226-A-5 MSD

Matrix: Water | Lab File ID: F27900.D

Analysis Method: 8260C | Date Collected: 05/19/2015 14:01

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 13:20

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300778 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	3430		20	1.8
100-41-4	Ethylbenzene	2370		20	6.0
95-63-6	1,2,4-Trimethylbenzene	1880		20	4.6
1634-04-4	Methyl tert-butyl ether	3660		20	2.6
108-67-8	1,3,5-Trimethylbenzene	679		20	5.0
91-20-3	Naphthalene	997		20	5.2
98-82-8	Isopropylbenzene	955		20	6.4
103-65-1	N-Propylbenzene	613		20	5.8
99-87-6	4-Isopropyltoluene	359		20	5.2
135-98-8	sec-Butylbenzene	357		20	6.2
98-06-6	tert-Butylbenzene	345		20	5.6
108-88-3	Toluene	13000		20	5.0
104-51-8	n-Butylbenzene	499		20	5.4
1330-20-7	Xylenes, Total	10600		40	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-130
460-00-4	4-Bromofluorobenzene	82		64-135
2037-26-5	Toluene-d8 (Surr)	98		70-130
1868-53-7	Dibromofluoromethane (Surr)	88		72-137

Report Date: 27-May-2015 16:01:10 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27900.D
Lims ID: 460-95226-A-5 MSD
Client ID:
Sample Type: MSD
Inject. Date: 26-May-2015 13:20:30 ALS Bottle#: 10 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 20.0000
Sample Info: 460-95226-A-5 MSD
Misc. Info.: 460-0027791-017
Operator ID: Instrument ID: CVOAMS6

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\8260624W6.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 16:01:09 Calib Date: 24-May-2015 14:43:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150524-27769.b\F27880.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: yospanyaw Date: 27-May-2015 13:56:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.952	0.952	0.000	45	5063	20.0	15.8	
2 Dichlorodifluoromethane	85	0.970	0.970	0.000	99	53158	20.0	18.5	
3 Chloromethane	50	1.068	1.068	0.000	99	34369	20.0	19.2	
4 Butadiene	54	1.122	1.122	0.000	86	38472	20.0	21.1	
5 Vinyl chloride	62	1.129	1.128	0.001	98	42246	20.0	20.6	
6 Bromomethane	94	1.293	1.287	0.006	98	23726	20.0	28.1	
7 Chloroethane	64	1.323	1.317	0.006	99	19792	20.0	28.9	
8 Dichlorofluoromethane	67	1.439	1.439	0.000	98	64893	20.0	21.2	
9 Pentane	72	1.451	1.451	0.000	95	28744	40.0	160.1	
10 Trichlorofluoromethane	101	1.457	1.457	0.000	50	53842	20.0	20.0	
11 Ethanol	45	1.567	1.573	-0.006	78	19898	800.0	735.5	
12 Ethyl ether	59	1.573	1.573	0.000	89	16291	20.0	19.7	
13 2-Methyl-1,3-butadiene	53	1.579	1.579	0.000	81	43941	20.0	33.7	
14 1,2-Dichloro-1,1,2-trifluo	117	1.597	1.597	0.000	86	37011	20.0	19.5	
15 Acrolein	56	1.688	1.682	0.006	44	13956	40.0	612.4	E
16 1,1,2-Trichloro-1,2,2-trif	101	1.688	1.688	0.000	93	48374	20.0	17.7	
17 1,1-Dichloroethene	96	1.694	1.694	0.000	96	43847	20.0	20.0	
18 Acetone	43	1.755	1.755	0.000	85	43262	100.0	85.9	
19 Iodomethane	142	1.792	1.792	0.000	98	105603	20.0	19.4	
21 Carbon disulfide	76	1.816	1.816	0.000	99	127301	20.0	18.3	
20 Isopropyl alcohol	45	1.816	1.822	-0.006	30	16142	200.0	194.4	
22 3-Chloro-1-propene	41	1.907	1.895	0.012	83	122744	20.0	48.7	
23 Methyl acetate	43	1.913	1.907	0.006	94	218128	100.0	218.3	
24 Cyclopentene	67	1.913	1.907	0.006	95	303895	20.0	65.0	
25 Acetonitrile	41	1.962	1.944	0.018	91	128661	200.0	557.0	
27 Methylene Chloride	84	1.980	1.980	0.000	89	54371	20.0	24.7	
* 26 TBA-d9 (IS)	46	1.986	1.986	0.000	94	48750	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.035	2.035	0.000	91	32523	200.0	187.3	
29 Methyl tert-butyl ether	73	2.090	2.090	0.000	95	1070801	20.0	183.1	
30 trans-1,2-Dichloroethene	96	2.102	2.102	0.000	91	40588	20.0	20.6	
31 Acrylonitrile	53	2.157	2.157	0.000	92	91640	200.0	186.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.205	2.205	0.000	92	32880	20.0	33.9	
36 Allyl alcohol	57	2.765	2.205	0.560	1	3192	500.0	166.6	
33 Isopropyl ether	45	2.357	2.357	0.000	96	86827	20.0	20.7	
34 1,1-Dichloroethane	63	2.376	2.376	0.000	99	60961	20.0	21.2	
35 Vinyl acetate	86	2.388	2.388	0.000	99	3094	40.0	92.8	
37 2-Chloro-1,3-butadiene	88	2.406	2.406	0.000	92	30373	20.0	21.6	
38 Tert-butyl ethyl ether	59	2.576	2.576	0.000	88	93777	20.0	18.9	
39 2,2-Dichloropropane	77	2.722	2.722	0.000	94	57401	20.0	17.7	
40 cis-1,2-Dichloroethene	96	2.747	2.747	0.000	97	40330	20.0	19.8	
41 2-Butanone (MEK)	72	2.765	2.765	0.000	97	11794	100.0	108.7	
42 Ethyl acetate	70	2.765	2.765	0.000	94	3880	40.0	42.6	
48 Methyl acrylate	55	2.802	2.807	-0.005	97	14154	20.0	20.1	
43 Propionitrile	54	2.856	2.862	-0.006	97	31336	200.0	202.6	
44 Chlorobromomethane	128	2.911	2.911	0.000	75	22791	20.0	19.5	
45 Tetrahydrofuran	42	2.923	2.923	0.000	46	15547	40.0	35.5	
46 Methacrylonitrile	67	2.929	2.935	-0.006	87	131311	200.0	300.4	
47 Chloroform	83	2.948	2.953	-0.005	99	61888	20.0	20.5	
49 Cyclohexane	56	3.045	3.045	0.000	89	97214	20.0	28.6	
50 1,1,1-Trichloroethane	97	3.057	3.057	0.000	97	69858	20.0	19.7	
$ 51 Dibromofluoromethane (Surr	113	3.069	3.069	0.000	97	76028	50.0	43.9	
52 Carbon tetrachloride	117	3.148	3.148	0.000	97	61313	20.0	18.8	
53 1,1-Dichloropropene	75	3.173	3.173	0.001	95	38822	20.0	21.6	
55 Benzene	78	3.325	3.325	0.000	96	885825	20.0	171.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	3.337	3.337	0.000	92	76098	50.0	44.6	
54 Isobutyl alcohol	43	3.300	3.379	-0.079	1	42281	500.0	575.9	
57 Isopropyl acetate	43	3.379	3.379	0.000	68	91171	20.0	23.5	
58 Tert-amyl methyl ether	73	3.379	3.379	0.000	90	169869	20.0	28.5	
59 1,2-Dichloroethane	62	3.398	3.398	0.000	98	40491	20.0	19.4	
60 n-Heptane	57	3.452	3.452	0.000	90	16605	20.0	22.1	
* 61 Fluorobenzene	96	3.550	3.550	0.000	99	354035	50.0	50.0	
62 2,4,4-Trimethyl-1-pentene	57	3.726	3.726	0.000	92	165108	40.0	31.6	
64 Trichloroethene	95	3.836	3.836	0.000	93	32179	20.0	20.0	
63 n-Butanol	56	3.836	3.842	-0.006	33	11146	500.0	401.6	
65 Methylcyclohexane	83	3.933	3.933	0.000	95	82867	20.0	21.6	
66 Ethyl acrylate	55	3.933	3.933	0.000	97	76247	20.0	24.8	
67 1,2-Dichloropropane	63	4.067	4.073	-0.006	87	22625	20.0	19.7	
* 68 1,4-Dioxane-d8	96	4.140	4.140	0.000	91	12116	1000.0	1000.0	
69 Methyl methacrylate	100	4.158	4.152	0.006	84	10087	40.0	36.7	
70 Dibromomethane	93	4.176	4.176	0.000	90	21124	20.0	19.3	
71 1,4-Dioxane	88	4.182	4.182	0.000	34	5458	400.0	485.1	
72 n-Propyl acetate	43	4.207	4.207	0.000	98	16382	20.0	16.1	
73 Dichlorobromomethane	83	4.310	4.310	0.000	99	36563	20.0	17.6	
74 2-Nitropropane	41	4.596	4.602	-0.006	98	8842	40.0	28.5	
75 2-Chloroethyl vinyl ether	63	4.608	4.608	0.000	46	2015	20.0	4.16	
76 Epichlorohydrin	57	4.694	4.699	-0.005	99	36211	400.0	432.6	
77 cis-1,3-Dichloropropene	75	4.736	4.736	0.000	90	36816	20.0	21.0	
78 4-Methyl-2-pentanone (MIBK	43	4.894	4.894	0.000	96	94920	100.0	97.8	
$ 79 Toluene-d8 (Surr)	98	4.943	4.943	0.000	99	220257	50.0	49.1	
80 Toluene	91	5.010	5.010	0.000	94	3335575	20.0	651.4	E
81 trans-1,3-Dichloropropene	75	5.332	5.332	0.000	98	29722	20.0	18.9	
82 Ethyl methacrylate	69	5.381	5.381	0.000	90	20000	20.0	18.6	
83 1,1,2-Trichloroethane	83	5.521	5.521	0.000	94	17548	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	5.545	5.545	0.000	97	40917	20.0	22.1	
85 1,3-Dichloropropane	76	5.703	5.703	0.000	93	30221	20.0	19.7	
86 2-Hexanone	43	5.789	5.795	-0.006	94	44992	100.0	82.1	
87 Chlorodibromomethane	129	5.910	5.910	0.000	97	26496	20.0	15.7	
88 n-Butyl acetate	43	5.910	5.910	0.000	74	19458	20.0	17.6	
89 Ethylene Dibromide	107	6.038	6.038	0.000	98	25107	20.0	18.9	
* 90 Chlorobenzene-d5	117	6.543	6.549	-0.006	83	281327	50.0	50.0	
91 Chlorobenzene	112	6.579	6.579	0.000	98	91160	20.0	21.1	
92 Ethylbenzene	106	6.689	6.689	0.000	97	252130	20.0	118.7	
93 1,1,1,2-Tetrachloroethane	131	6.701	6.701	0.000	93	43761	20.0	20.0	
94 m-Xylene & p-Xylene	106	6.841	6.841	0.000	95	1030376	20.0	375.6	
95 o-Xylene	106	7.328	7.328	0.000	95	495440	20.0	155.1	
96 Styrene	104	7.370	7.370	0.000	96	114011	20.0	24.4	
97 n-Butyl acrylate	73	7.370	7.376	-0.006	89	15995	20.0	18.6	
98 Bromoform	173	7.632	7.632	0.000	97	15166	20.0	11.9	
99 Amyl acetate (mixed isomer	43	7.705	7.705	0.000	91	31919	20.0	17.2	
100 Isopropylbenzene	105	7.833	7.833	0.000	95	406775	20.0	47.7	
$ 101 4-Bromofluorobenzene	174	8.125	8.125	0.000	96	97123	50.0	41.2	
102 Camphene	41	8.137	8.143	-0.006	92	11623	20.0	17.7	
103 Bromobenzene	156	8.319	8.319	0.000	81	52282	20.0	20.4	
104 1,1,2,2-Tetrachloroethane	83	8.484	8.483	0.001	96	36200	20.0	21.6	
105 N-Propylbenzene	91	8.502	8.502	0.000	100	246481	20.0	30.7	
106 1,2,3-Trichloropropane	110	8.532	8.532	0.000	93	10801	20.0	20.3	
107 trans-1,4-Dichloro-2-buten	53	8.617	8.605	0.012	67	4995	20.0	16.5	
108 2-Chlorotoluene	91	8.660	8.660	0.000	96	172176	20.0	31.2	
109 4-Ethyltoluene	105	8.721	8.727	-0.006	98	301035	20.0	38.5	
110 1,3,5-Trimethylbenzene	105	8.873	8.867	0.006	93	321365	20.0	34.0	
111 4-Chlorotoluene	91	8.885	8.885	0.000	98	142793	20.0	24.6	
112 Butyl Methacrylate	87	9.189	9.189	0.000	88	38229	20.0	19.6	
113 tert-Butylbenzene	119	9.481	9.481	0.000	95	152852	20.0	17.3	
114 1,2,4-Trimethylbenzene	105	9.627	9.627	0.000	96	724315	20.0	93.8	
115 sec-Butylbenzene	105	9.992	9.992	0.000	98	213644	20.0	17.8	
116 1,3-Dichlorobenzene	146	10.260	10.266	-0.006	99	102464	20.0	21.5	
117 4-Isopropyltoluene	119	10.394	10.388	0.006	98	203093	20.0	18.0	
* 118 1,4-Dichlorobenzene-d4	152	10.442	10.442	0.000	91	205767	50.0	50.0	
119 1,4-Dichlorobenzene	146	10.485	10.491	-0.006	96	103959	20.0	21.6	
120 Benzyl chloride	91	10.777	10.777	0.000	100	63418	20.0	20.8	
121 2,3-Dihydroindene	117	10.856	10.856	0.000	94	335675	20.0	41.0	
122 p-Diethylbenzene	119	11.033	11.032	0.001	94	146488	20.0	29.0	
123 1,2-Dichlorobenzene	146	11.057	11.057	0.000	84	109003	20.0	22.3	
124 n-Butylbenzene	91	11.057	11.057	0.000	98	192273	20.0	25.0	
125 1,2,4,5-Tetramethylbenzene	119	11.878	11.878	0.000	98	217015	20.0	24.6	
126 1,2-Dibromo-3-Chloropropan	75	11.927	11.933	-0.006	92	6531	20.0	19.8	
127 1,3,5-Trichlorobenzene	180	12.055	12.055	0.000	97	95956	20.0	22.9	
128 Camphor	95	12.487	12.474	0.013	88	25200	100.0	108.4	
129 1,2,4-Trichlorobenzene	180	12.553	12.541	0.012	94	71630	20.0	17.7	
130 Hexachlorobutadiene	225	12.645	12.626	0.019	91	34807	20.0	18.4	
131 Naphthalene	128	12.724	12.705	0.019	99	231828	20.0	49.9	
132 1,2,3-Trichlorobenzene	180	12.894	12.864	0.030	96	49360	20.0	24.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 134 Xylenes, Total	100				0		40.0	530.7	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

GASES Li_00103	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
8260SURR250_00072	Amount Added:	1.00	Units: uL	Run Reagent
8260 INTSTD C_00066	Amount Added:	1.00	Units: uL	Run Reagent

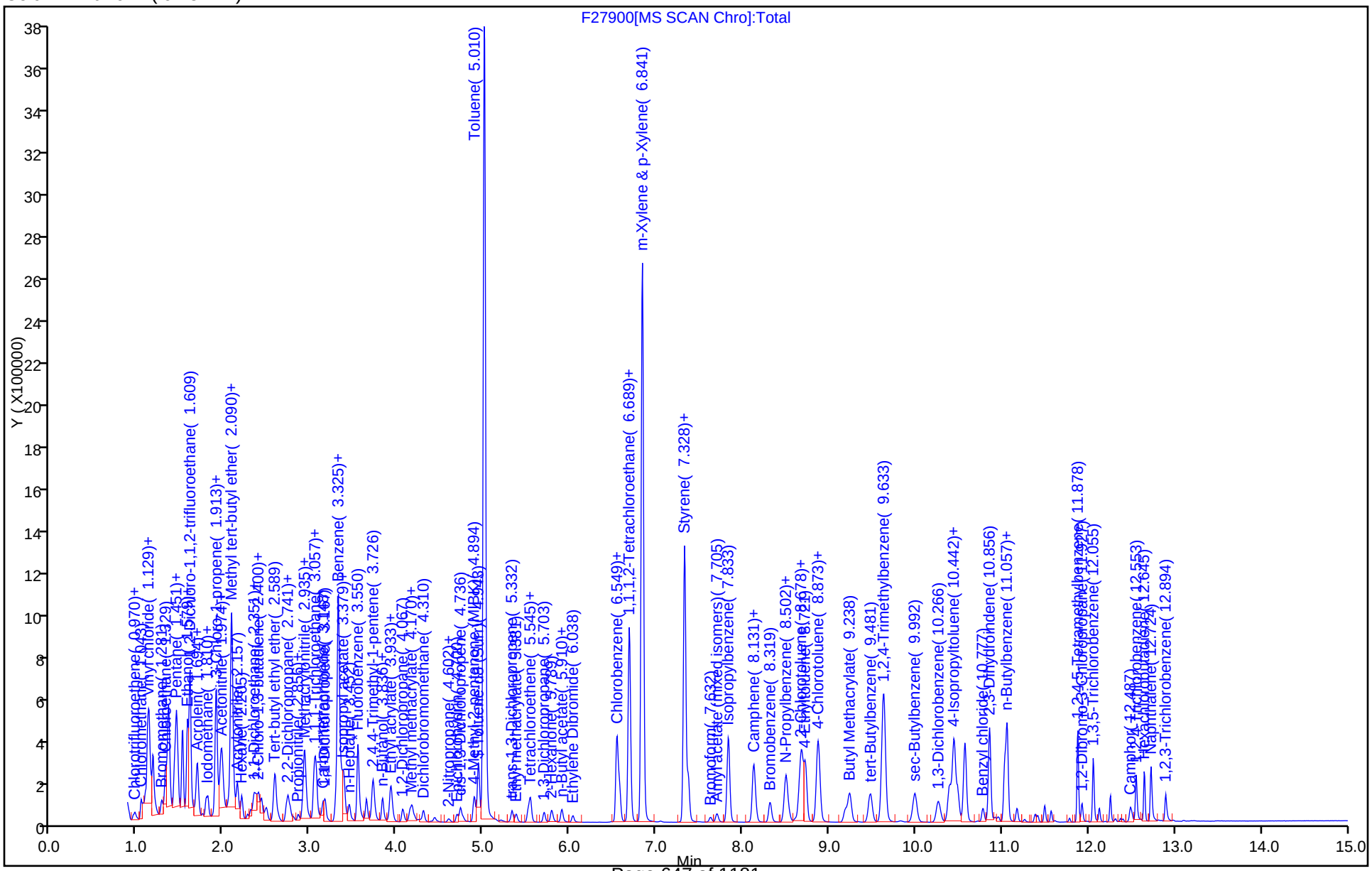
Report Date: 27-May-2015 16:01:10 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS6\20150526-27791.b\F27900.D

Injection Date:	26-May-2015 13:20:30	Instrument ID:	CVOAMS6	Operator ID:	
Lims ID:	460-95226-A-5 MSD			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	20.0000	ALS Bottle#:	10
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/22/2015 05:27

Analysis Batch Number: 300261 End Date: 05/22/2015 14:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300261/1		05/22/2015 05:27	1	O98723.D	Rtx-624 0.25(mm)
STD1 460-300261/3 IC		05/22/2015 06:22	1	O98725.D	Rtx-624 0.25(mm)
STD20 460-300261/5 ICIS		05/22/2015 07:12	1	O98727.D	Rtx-624 0.25(mm)
STD50 460-300261/6 IC		05/22/2015 07:38	1	O98728.D	Rtx-624 0.25(mm)
STD200 460-300261/7 IC		05/22/2015 08:03	1	O98729.D	Rtx-624 0.25(mm)
STD500 460-300261/8 IC		05/22/2015 08:29	1	O98730.D	Rtx-624 0.25(mm)
STD5 460-300261/13 IC		05/22/2015 11:50	1	O98735.D	Rtx-624 0.25(mm)
ICV 460-300261/14		05/22/2015 12:16	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 12:49	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 13:40	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 14:31	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/26/2015 20:52

Analysis Batch Number: 300938 End Date: 05/27/2015 08:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300938/1		05/26/2015 20:52	1	O98831.D	Rtx-624 0.25(mm)
CCVIS 460-300938/3		05/26/2015 21:45	1	O98833.D	Rtx-624 0.25(mm)
LCS 460-300938/5		05/26/2015 22:49	1	O98835.D	Rtx-624 0.25(mm)
MB 460-300938/7		05/26/2015 23:41	1	O98837.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 00:07	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 00:37	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:03	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:28	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 02:19	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 02:45	1		Rtx-624 0.25(mm)
460-95181-4	SB-4 (20-23)	05/27/2015 03:10	1	O98845.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 03:35	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:01	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:51	1		Rtx-624 0.25(mm)
460-95181-8	SB-6 (17-19)	05/27/2015 05:17	1	O98850.D	Rtx-624 0.25(mm)
460-95181-7	SB-6 (15-17)	05/27/2015 05:42	1	O98851.D	Rtx-624 0.25(mm)
460-95181-6	SB-3 (20-22)	05/27/2015 06:08	1	O98852.D	Rtx-624 0.25(mm)
460-95181-5	DUP 051915	05/27/2015 06:33	1	O98853.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 06:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 07:24	1		Rtx-624 0.25(mm)
LCSD 460-300938/27		05/27/2015 08:14	1	O98857.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/15/2015 01:08

Analysis Batch Number: 298733 End Date: 05/15/2015 08:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-298733/1		05/15/2015 01:08	1	B82657.D	Rtx-624 0.25(mm)
STD5 460-298733/4 IC		05/15/2015 02:28	1	B82660.D	Rtx-624 0.25(mm)
STD20 460-298733/5 ICIS		05/15/2015 02:52	1	B82661.D	Rtx-624 0.25(mm)
STD50 460-298733/6 IC		05/15/2015 03:15	1	B82662.D	Rtx-624 0.25(mm)
STD200 460-298733/7 IC		05/15/2015 03:39	1	B82663.D	Rtx-624 0.25(mm)
STD500 460-298733/8 IC		05/15/2015 04:03	1	B82664.D	Rtx-624 0.25(mm)
STD7 460-298733/11 IC		05/15/2015 05:15	1	B82667.D	Rtx-624 0.25(mm)
STD1 460-298733/16 IC		05/15/2015 07:25	1	B82672.D	Rtx-624 0.25(mm)
ICV 460-298733/18		05/15/2015 08:26	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/22/2015 20:03

Analysis Batch Number: 300519 End Date: 05/23/2015 06:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300519/1		05/22/2015 20:03	1	B82961.D	Rtx-624 0.25(mm)
CCVIS 460-300519/3		05/22/2015 20:54	1	B82963.D	Rtx-624 0.25(mm)
LCS 460-300519/4		05/22/2015 21:18	50	B82964.D	Rtx-624 0.25(mm)
LCSD 460-300519/5		05/22/2015 21:42	50	B82965.D	Rtx-624 0.25(mm)
MB 460-300519/8		05/22/2015 22:54	50	B82968.D	Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 23:33	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 00:21	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 00:45	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 01:09	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 01:33	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 01:56	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 02:20	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 02:44	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 03:08	50		Rtx-624 0.25(mm)
460-95181-9	SB-2 (20-22)	05/23/2015 03:56	50	B82980.D	Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 04:19	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 04:43	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 05:07	50		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 05:55	100		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 06:20	1000		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 06:43	2000		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/26/2015 08:45

Analysis Batch Number: 300803 End Date: 05/26/2015 20:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300803/1		05/26/2015 08:45	1	B83018.D	Rtx-624 0.25(mm)
CCVIS 460-300803/3		05/26/2015 09:38	1	B83020.D	Rtx-624 0.25(mm)
LCS 460-300803/4		05/26/2015 10:01	50	B83021.D	Rtx-624 0.25(mm)
LCSD 460-300803/5		05/26/2015 10:25	50	B83022.D	Rtx-624 0.25(mm)
MB 460-300803/8		05/26/2015 13:03	50	B83025.D	Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 13:27	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 13:51	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 14:15	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 14:39	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 15:03	50		Rtx-624 0.25(mm)
460-95181-3	SB-5 (19-20)	05/26/2015 15:28	50	B83031.D	Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 18:16	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 20:18	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 05/14/2015 21:42

Analysis Batch Number: 298728 End Date: 05/15/2015 09:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-298728/1		05/14/2015 21:42	1	D10117.D	Rtx-624 0.25(mm)
STD1 460-298728/3 IC		05/14/2015 22:26	1	D10119.D	Rtx-624 0.25(mm)
STD5 460-298728/4 IC		05/14/2015 22:51	1	D10120.D	Rtx-624 0.25(mm)
STD20 460-298728/5 ICIS		05/14/2015 23:16	1	D10121.D	Rtx-624 0.25(mm)
STD50 460-298728/6 IC		05/14/2015 23:41	1	D10122.D	Rtx-624 0.25(mm)
STD200 460-298728/7 IC		05/15/2015 00:06	1	D10123.D	Rtx-624 0.25(mm)
STD500 460-298728/8 IC		05/15/2015 00:30	1	D10124.D	Rtx-624 0.25(mm)
ICV 460-298728/12		05/15/2015 02:09	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 02:34	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 02:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 03:48	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 05:40	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 06:05	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 06:30	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 07:20	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 07:45	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 08:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/15/2015 09:23	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 05/22/2015 18:26

Analysis Batch Number: 300508 End Date: 05/23/2015 06:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300508/1		05/22/2015 18:26	1	D10456.D	Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 18:57	1		Rtx-624 0.25(mm)
CCVIS 460-300508/3		05/22/2015 19:21	1	D10458.D	Rtx-624 0.25(mm)
LCS 460-300508/4		05/22/2015 19:46	1	D10459.D	Rtx-624 0.25(mm)
LCSD 460-300508/5		05/22/2015 20:15	1	D10460.D	Rtx-624 0.25(mm)
MB 460-300508/8		05/22/2015 21:29	1	D10463.D	Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 21:53	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 22:18	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 22:43	1		Rtx-624 0.25(mm)
LB3 460-299917/1-A		05/22/2015 23:07	1	D10467.D	Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 00:47	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 01:11	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 01:36	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 02:01	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 04:06	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 04:30	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 04:55	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 05:19	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 05:44	1		Rtx-624 0.25(mm)
ZZZZZ		05/23/2015 06:09	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 04/26/2015 22:13

Analysis Batch Number: 294770 End Date: 04/27/2015 03:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-294770/1		04/26/2015 22:13	1	F26749.D	Rtx-624 0.25(mm)
STD1 460-294770/4 IC		04/26/2015 23:07	1	F26751.D	Rtx-624 0.25(mm)
STD5 460-294770/5 IC		04/26/2015 23:31	1	F26752.D	Rtx-624 0.25(mm)
STD20 460-294770/6 ICIS		04/26/2015 23:54	1	F26753.D	Rtx-624 0.25(mm)
STD50 460-294770/7 IC		04/27/2015 00:18	1	F26754.D	Rtx-624 0.25(mm)
STD200 460-294770/8 IC		04/27/2015 00:41	1	F26755.D	Rtx-624 0.25(mm)
STD500 460-294770/9 IC		04/27/2015 01:05	1	F26756.D	Rtx-624 0.25(mm)
STD7 460-294770/12 IC		04/27/2015 02:16	1	F26759.D	Rtx-624 0.25(mm)
ICV 460-294770/15		04/27/2015 03:26	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 05/24/2015 09:59

Analysis Batch Number: 300669 End Date: 05/24/2015 15:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300669/1		05/24/2015 09:59	1	F27868.D	Rtx-624 0.25(mm)
STD001 460-300669/5 IC		05/24/2015 11:34	1	F27872.D	Rtx-624 0.25(mm)
STD005 460-300669/6 IC		05/24/2015 11:58	1	F27873.D	Rtx-624 0.25(mm)
STD020 460-300669/7 ICIS		05/24/2015 12:22	1	F27874.D	Rtx-624 0.25(mm)
STD050 460-300669/8 IC		05/24/2015 12:45	1	F27875.D	Rtx-624 0.25(mm)
STD200 460-300669/9 IC		05/24/2015 13:09	1	F27876.D	Rtx-624 0.25(mm)
STD500 460-300669/10 IC		05/24/2015 13:32	1	F27877.D	Rtx-624 0.25(mm)
STD7 460-300669/13 IC		05/24/2015 14:43	1	F27880.D	Rtx-624 0.25(mm)
ICV 460-300669/16		05/24/2015 15:54	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CVOAMS6 Start Date: 05/26/2015 06:19

Analysis Batch Number: 300778 End Date: 05/26/2015 17:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300778/1		05/26/2015 06:19	1	F27884.D	Rtx-624 0.25(mm)
CCVIS 460-300778/4		05/26/2015 07:30	1	F27887.D	Rtx-624 0.25(mm)
LCS 460-300778/5		05/26/2015 07:59	1	F27888.D	Rtx-624 0.25(mm)
MB 460-300778/7		05/26/2015 09:21	1	F27890.D	Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 09:46	1		Rtx-624 0.25(mm)
460-95181-1	Field Blank 051915	05/26/2015 10:10	1	F27892.D	Rtx-624 0.25(mm)
460-95181-2	Trip Blank	05/26/2015 10:34	1	F27893.D	Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 10:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 11:22	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 11:45	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 12:09	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 12:33	1		Rtx-624 0.25(mm)
460-95226-A-5 MS		05/26/2015 12:57	20	F27899.D	Rtx-624 0.25(mm)
460-95226-A-5 MSD		05/26/2015 13:20	20	F27900.D	Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 14:07	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 14:30	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 14:54	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 15:18	20		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 15:41	50		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 16:05	5		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 16:28	100		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 16:52	1		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 17:16	5		Rtx-624 0.25(mm)
ZZZZZ		05/26/2015 17:39	20		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 299916 Batch Start Date: 05/21/15 01:25 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 05/21/15 01:28

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00104			
460-95181-A-3	SB-5 (19-20)	5035, 8260C	T	5.40 g	10 mL	10 mL			
460-95181-A-9	SB-2 (20-22)	5035, 8260C	T	5.82 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 299917 Batch Start Date: 05/21/15 01:29 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 05/21/15 01:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-299917/1		5035, 8260C		5 g	5 mL				
460-95181-C-5	DUP 051915	5035, 8260C	T	5.24 g	5 mL				
460-95181-B-4	SB-4 (20-23)	5035, 8260C	T	5.28 g	5 mL				
460-95181-C-6	SB-3 (20-22)	5035, 8260C	T	4.41 g	5 mL				
460-95181-C-7	SB-6 (15-17)	5035, 8260C	T	5.79 g	5 mL				
460-95181-C-8	SB-6 (17-19)	5035, 8260C	T	5.68 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SB-5 (19-20)	460-95181-3	48	55	61	54	37	77
SB-4 (20-23)	460-95181-4	48	52	56	70	22	73
DUP 051915	460-95181-5	54	59	61	62	57	82
SB-3 (20-22)	460-95181-6	46	45	51	62	20	60
SB-6 (15-17)	460-95181-7	55	59	60	60	68	77
SB-6 (17-19)	460-95181-8	54	56	59	62	56	85
SB-2 (20-22)	460-95181-9	52	57	59	64	34	91
	MB 460-300363/1-A	82	85	87	76	77	106
	MB 460-300368/1-A	80	84	82	78	105	101
	LCS 460-300363/2-A	73	78	76	69	86	86
	LCS 460-300368/2-A	79	82	81	84	86	110
SB-4 (20-23) MS	460-95181-4 MS	48	52	51	59	38	72
	460-95030-E-1-A MS	60	61	65	60	66	74
SB-4 (20-23) MSD	460-95181-4 MSD	49	52	55	64	35	68
	460-95030-E-1-B MSD	59	60	64	59	66	69

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
Field Blank 051915	460-95181-1	46	27	80	84	80	72
	MB 460-300093/1-A	48	33	89	90	83	82
	LCS 460-300093/2-A	39	27	78	78	78	69 *
	LCSD 460-300093/3-A	35	22	78	76	88	55 *

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	15-96
PHL = Phenol-d5 (Surr)	4-86
NBZ = Nitrobenzene-d5 (Surr)	60-114
FBP = 2-Fluorobiphenyl	50-120
TBP = 2,4,6-Tribromophenol (Surr)	51-126
TPH = Terphenyl-d14 (Surr)	72-130

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C16524.D

Lab ID: LCS 460-300093/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	80.0	67.7	85	66-108	
Acenaphthylene	80.0	65.4	82	67-107	
Anthracene	80.0	72.2	90	68-108	
Benzo[a]anthracene	80.0	74.9	94	65-106	
Benzo[b]fluoranthene	80.0	84.9	106	65-111	
Benzo[k]fluoranthene	80.0	73.2	92	66-114	
Chrysene	80.0	73.9	92	68-112	
Benzo[a]pyrene	80.0	78.9	99	58-101	
Fluoranthene	80.0	73.0	91	68-108	
Dibenz(a,h)anthracene	80.0	79.9	100	67-124	
Fluorene	80.0	65.2	82	68-105	
Benzo[g,h,i]perylene	80.0	79.7	100	65-134	
Indeno[1,2,3-cd]pyrene	80.0	80.0	100	68-121	
Naphthalene	80.0	56.6	71	63-101	
Phenanthrene	80.0	73.7	92	68-110	
Pyrene	80.0	60.3	75	61-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121858.D

Lab ID: LCS 460-300363/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	3330	2380	72	46-100	
Acenaphthylene	3330	2620	79	51-103	
Anthracene	3330	2790	84	50-107	
Benzo[a]anthracene	3330	2650	80	46-112	
Benzo[b]fluoranthene	3330	2990	90	33-96	
Benzo[k]fluoranthene	3330	2810	84	35-115	
Chrysene	3330	2570	77	45-114	
Benzo[a]pyrene	3330	2950	88	36-89	
Fluoranthene	3330	2810	84	49-108	
Dibenz(a,h)anthracene	3330	2950	89	43-107	
Fluorene	3330	2830	85	51-108	
Benzo[g,h,i]perylene	3330	2670	80	43-106	
Indeno[1,2,3-cd]pyrene	3330	2660	80	43-109	
Naphthalene	3330	2610	79	53-94	
Phenanthrene	3330	2790	84	48-108	
Pyrene	3330	3070	92	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x2620.D

Lab ID: LCS 460-300368/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	3330	2560	77	46-100	
Acenaphthylene	3330	2800	84	51-103	
Anthracene	3330	2930	88	50-107	
Benzo[a]anthracene	3330	2820	85	46-112	
Benzo[b]fluoranthene	3330	3210	96	33-96	
Benzo[k]fluoranthene	3330	2760	83	35-115	
Chrysene	3330	2840	85	45-114	
Benzo[a]pyrene	3330	2970	89	36-89	
Fluoranthene	3330	2660	80	49-108	
Dibenz(a,h)anthracene	3330	3600	108	43-107	*
Fluorene	3330	2910	87	51-108	
Benzo[g,h,i]perylene	3330	3350	100	43-106	
Indeno[1,2,3-cd]pyrene	3330	3940	118	43-109	*
Naphthalene	3330	2650	80	53-94	
Phenanthrene	3330	2930	88	48-108	
Pyrene	3330	3050	91	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Water Level: Low Lab File ID: C16592.D

Lab ID: LCSD 460-300093/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	80.0	77.8	97	14	30	66-108	
Acenaphthylene	80.0	74.6	93	13	30	67-107	
Anthracene	80.0	77.0	96	6	30	68-108	
Benzo[a]anthracene	80.0	77.8	97	4	30	65-106	
Benzo[b]fluoranthene	80.0	85.4	107	1	30	65-111	
Benzo[k]fluoranthene	80.0	81.0	101	10	30	66-114	
Chrysene	80.0	76.8	96	4	30	68-112	
Benzo[a]pyrene	80.0	85.1	106	8	30	58-101	*
Fluoranthene	80.0	99.1	124	30	30	68-108	*
Dibenz(a,h)anthracene	80.0	87.8	110	9	30	67-124	
Fluorene	80.0	76.5	96	16	30	68-105	
Benzo[g,h,i]perylene	80.0	89.8	112	12	30	65-134	
Indeno[1,2,3-cd]pyrene	80.0	89.4	112	11	30	68-121	
Naphthalene	80.0	65.9	82	15	30	63-101	
Phenanthrene	80.0	79.3	99	7	30	68-110	
Pyrene	80.0	51.0	64	17	30	61-110	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x2631.D

Lab ID: 460-95181-4 MS Client ID: SB-4 (20-23) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	4010	18 J	2120	52	46-100	
Acenaphthylene	4010	15 J	2280	56	51-103	
Anthracene	4010	63 J	2370	58	50-107	
Benzo[a]anthracene	4010	240	2550	58	46-112	
Benzo[b]fluoranthene	4010	300	2470	54	33-96	
Benzo[k]fluoranthene	4010	100	2200	52	35-115	
Chrysene	4010	270 J	2590	58	45-114	
Benzo[a]pyrene	4010	240	2590	59	36-89	
Fluoranthene	4010	430	2440	50	49-108	
Dibenz(a,h)anthracene	4010	59	3820	94	43-107	
Fluorene	4010	20 J	2350	58	51-108	
Benzo[g,h,i]perylene	4010	270 J	4070	95	43-106	
Indeno[1,2,3-cd]pyrene	4010	320	4390	102	43-109	
Naphthalene	4010	17 J	2140	53	53-94	
Phenanthrene	4010	290 J	2760	62	48-108	
Pyrene	4010	410	2950	63	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121833.D

Lab ID: 460-95030-E-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	4490	440 U	2790	62	46-100	
Acenaphthylene	4490	440 U	3010	67	51-103	
Anthracene	4490	440 U	3230	72	50-107	
Benzo[a]anthracene	4490	100	3240	70	46-112	
Benzo[b]fluoranthene	4490	120	3530	76	33-96	
Benzo[k]fluoranthene	4490	49	3130	69	35-115	
Chrysene	4490	100 J	3130	67	45-114	
Benzo[a]pyrene	4490	51	3440	76	36-89	
Fluoranthene	4490	150 J	3240	69	49-108	
Dibenz(a,h)anthracene	4490	44 U	3650	81	43-107	
Fluorene	4490	24 J	3150	70	51-108	
Benzo[g,h,i]perylene	4490	49 J	3460	76	43-106	
Indeno[1,2,3-cd]pyrene	4490	70	3410	74	43-109	
Naphthalene	4490	1100	3280	49	53-94	*
Phenanthrene	4490	110 J	3320	72	48-108	
Pyrene	4490	210 J	3680	77	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: x2632.D

Lab ID: 460-95181-4 MSD Client ID: SB-4 (20-23) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	4020	2180	54	3	30	46-100	
Acenaphthylene	4020	2420	60	6	30	51-103	
Anthracene	4020	2420	59	2	30	50-107	
Benzo[a]anthracene	4020	2670	60	4	30	46-112	
Benzo[b]fluoranthene	4020	2560	56	4	30	33-96	
Benzo[k]fluoranthene	4020	2210	52	0	30	35-115	
Chrysene	4020	2600	58	1	30	45-114	
Benzo[a]pyrene	4020	2660	60	3	30	36-89	
Fluoranthene	4020	2640	55	8	30	49-108	
Dibenz(a,h)anthracene	4020	4280	105	11	30	43-107	
Fluorene	4020	2380	59	1	30	51-108	
Benzo[g,h,i]perylene	4020	4450	104	9	30	43-106	
Indeno[1,2,3-cd]pyrene	4020	4670	108	6	30	43-109	
Naphthalene	4020	2250	55	5	30	53-94	
Phenanthrene	4020	2860	64	4	30	48-108	
Pyrene	4020	2740	58	8	30	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121834.D

Lab ID: 460-95030-E-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	4490	2750	61	1	30	46-100	
Acenaphthylene	4490	2970	66	1	30	51-103	
Anthracene	4490	3230	72	0	30	50-107	
Benzo[a]anthracene	4490	3210	69	1	30	46-112	
Benzo[b]fluoranthene	4490	3490	75	1	30	33-96	
Benzo[k]fluoranthene	4490	3180	70	2	30	35-115	
Chrysene	4490	3120	67	1	30	45-114	
Benzo[a]pyrene	4490	3420	75	1	30	36-89	
Fluoranthene	4490	3300	70	2	30	49-108	
Dibenz(a,h)anthracene	4490	3500	78	4	30	43-107	
Fluorene	4490	3120	69	1	30	51-108	
Benzo[g,h,i]perylene	4490	3250	71	6	30	43-106	
Indeno[1,2,3-cd]pyrene	4490	3250	71	5	30	43-109	
Naphthalene	4490	3240	48	1	30	53-94	*
Phenanthrene	4490	3270	70	2	30	48-108	
Pyrene	4490	3450	72	6	30	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: C16518.D Lab Sample ID: MB 460-300093/1-A

Matrix: Water Date Extracted: 05/21/2015 12:57

Instrument ID: CBNAMS13 Date Analyzed: 05/26/2015 13:20

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300093/2-A	C16524.D	05/26/2015 16:07
Field Blank 051915	460-95181-1	C16572.D	05/28/2015 01:03
	LCSD 460-300093/3-A	C16592.D	05/28/2015 11:07

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: L121829.D Lab Sample ID: MB 460-300363/1-A

Matrix: Solid Date Extracted: 05/22/2015 10:10

Instrument ID: CBNAMS12 Date Analyzed: 05/24/2015 11:47

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-95030-E-1-A MS	L121833.D	05/24/2015 13:27
	460-95030-E-1-B MSD	L121834.D	05/24/2015 13:52
	LCS 460-300363/2-A	L121858.D	05/26/2015 09:33
SB-5 (19-20)	460-95181-3	z1489.D	05/27/2015 23:05

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: x2608.D Lab Sample ID: MB 460-300368/1-A

Matrix: Solid Date Extracted: 05/22/2015 10:18

Instrument ID: CBNAMS5 Date Analyzed: 05/27/2015 03:30

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DUP 051915	460-95181-5	x2611.D	05/27/2015 04:36
SB-6 (15-17)	460-95181-7	x2612.D	05/27/2015 04:59
SB-6 (17-19)	460-95181-8	x2617.D	05/27/2015 06:51
	LCS 460-300368/2-A	x2620.D	05/27/2015 07:58
SB-2 (20-22)	460-95181-9	x2624.D	05/27/2015 09:27
SB-4 (20-23) MS	460-95181-4 MS	x2631.D	05/27/2015 12:03
SB-4 (20-23) MSD	460-95181-4 MSD	x2632.D	05/27/2015 12:26
SB-4 (20-23)	460-95181-4	x2633.D	05/27/2015 12:48
SB-3 (20-22)	460-95181-6	x2634.D	05/27/2015 13:11

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: z1430.D DFTPP Injection Date: 05/26/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 12:29

Analysis Batch No.: 300883

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.9	
68	Less than 2.0 % of mass 69	0.5	(1.2)1
69	Mass 69 relative abundance	38.8	
70	Less than 2.0 % of mass 69	0.3	(0.8)1
127	40.0 - 60.0 % of mass 198	44.6	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	1.8	
441	Present but less than mass 443	10.3	(76.0)3
442	Greater than 40.0 % of mass 198	67.0	
443	17.0 - 23.0 % of mass 442	13.6	(20.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-300883/2	z1431.D	05/26/2015	12:46
	STD120 460-300883/3	z1432.D	05/26/2015	13:35
	STD80 460-300883/4	z1433.D	05/26/2015	13:59
	STD20 460-300883/5	z1434.D	05/26/2015	14:22
	STD10 460-300883/6	z1435.D	05/26/2015	14:47
	STD5 460-300883/7	z1436.D	05/26/2015	15:11
	STD2 460-300883/8	z1437.D	05/26/2015	15:35
	STD1 460-300883/9	z1438.D	05/26/2015	15:59
	STD05 460-300883/10	z1439.D	05/26/2015	16:23

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: z1481.D DFTPP Injection Date: 05/27/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 20:02

Analysis Batch No.: 301230

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	59.5	
68	Less than 2.0 % of mass 69	0.6	(1.7)1
69	Mass 69 relative abundance	37.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	43.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.2	
275	10.0 - 30.0 % of mass 198	20.0	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	8.1	(74.6)3
442	Greater than 40.0 % of mass 198	54.0	
443	17.0 - 23.0 % of mass 442	10.8	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-301230/2	z1482.D	05/27/2015	20:18
SB-5 (19-20)	460-95181-3	z1489.D	05/27/2015	23:05

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: L121570.D DFTPP Injection Date: 05/19/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 04:12

Analysis Batch No.: 299376

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.6	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	44.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	28.1	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	18.9	(79.8)3
442	Greater than 40.0 % of mass 198	124.9	
443	17.0 - 23.0 % of mass 442	23.7	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-299376/2	L121571.D	05/19/2015	04:30
	STD120 460-299376/3	L121572.D	05/19/2015	05:17
	STD80 460-299376/4	L121573.D	05/19/2015	05:42
	STD20 460-299376/5	L121574.D	05/19/2015	06:07
	STD10 460-299376/6	L121575.D	05/19/2015	06:32
	STD5 460-299376/7	L121576.D	05/19/2015	06:57
	STD2 460-299376/8	L121577.D	05/19/2015	07:21
	STD1 460-299376/9	L121578.D	05/19/2015	07:46
	STD05 460-299376/10	L121579.D	05/19/2015	08:11

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: L121822.D DFTPP Injection Date: 05/24/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 08:57

Analysis Batch No.: 300661

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.5	
68	Less than 2.0 % of mass 69	0.4	(0.8)1
69	Mass 69 relative abundance	45.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.6	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	28.5	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	19.1	(80.5)3
442	Greater than 40.0 % of mass 198	121.4	
443	17.0 - 23.0 % of mass 442	23.7	(19.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300661/2	L121823.D	05/24/2015	09:15
	MB 460-300363/1-A	L121829.D	05/24/2015	11:47
	460-95030-E-1-A MS	L121833.D	05/24/2015	13:27
	460-95030-E-1-B MSD	L121834.D	05/24/2015	13:52

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: L121853.D DFTPP Injection Date: 05/26/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 07:08

Analysis Batch No.: 300737

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.6	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	41.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.5	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.5	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	20.9	(75.3)3
442	Greater than 40.0 % of mass 198	144.3	
443	17.0 - 23.0 % of mass 442	27.7	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300737/2	L121854.D	05/26/2015	07:53
	LCS 460-300363/2-A	L121858.D	05/26/2015	09:33

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: C15816.D DFTPP Injection Date: 05/07/2015

Instrument ID: CBNAMS13 DFTPP Injection Time: 11:56

Analysis Batch No.: 297054

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.9	
68	Less than 2.0 % of mass 69	0.5	(1.0)1
69	Mass 69 relative abundance	52.0	
70	Less than 2.0 % of mass 69	0.1	(0.3)1
127	40.0 - 60.0 % of mass 198	57.9	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.2	
275	10.0 - 30.0 % of mass 198	25.1	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	11.0	(92.8)3
442	Greater than 40.0 % of mass 198	61.0	
443	17.0 - 23.0 % of mass 442	11.9	(19.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-297054/2	C15817.D	05/07/2015	12:17
	STD24 460-297054/3	C15818.D	05/07/2015	12:48
	STD16 460-297054/4	C15819.D	05/07/2015	13:17
	STD4 460-297054/5	C15820.D	05/07/2015	13:46
	STD2 460-297054/6	C15821.D	05/07/2015	14:16
	STD1 460-297054/7	C15822.D	05/07/2015	14:45
	STD02 460-297054/8	C15823.D	05/07/2015	15:14
	STD01 460-297054/9	C15824.D	05/07/2015	15:43

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: C16505.D DFTPP Injection Date: 05/26/2015

Instrument ID: CBNAMS13 DFTPP Injection Time: 06:24

Analysis Batch No.: 300751

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.8	
68	Less than 2.0 % of mass 69	0.7	(1.4)1
69	Mass 69 relative abundance	49.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	55.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	23.4	
365	Greater than 1.0 % of mass 198	2.8	
441	Present but less than mass 443	12.4	(96.1)3
442	Greater than 40.0 % of mass 198	66.5	
443	17.0 - 23.0 % of mass 442	12.9	(19.4)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300751/2	C16506.D	05/26/2015	06:47
	MB 460-300093/1-A	C16518.D	05/26/2015	13:20
	LCS 460-300093/2-A	C16524.D	05/26/2015	16:07

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: C16557.D DFTPP Injection Date: 05/27/2015

Instrument ID: CBNAMS13 DFTPP Injection Time: 16:54

Analysis Batch No.: 301157

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.2	
68	Less than 2.0 % of mass 69	0.5	(1.2)1
69	Mass 69 relative abundance	47.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.1	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	24.8	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	12.9	(92.6)3
442	Greater than 40.0 % of mass 198	77.1	
443	17.0 - 23.0 % of mass 442	13.9	(18.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-301157/2	C16558.D	05/27/2015	18:28
Field Blank 051915	460-95181-1	C16572.D	05/28/2015	01:03

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: C16585.D DFTPP Injection Date: 05/28/2015

Instrument ID: CBNAMS13 DFTPP Injection Time: 08:00

Analysis Batch No.: 301331

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	47.1	
68	Less than 2.0 % of mass 69	0.7	(1.6)1
69	Mass 69 relative abundance	46.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	53.8	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	24.1	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	12.5	(86.0)3
442	Greater than 40.0 % of mass 198	76.6	
443	17.0 - 23.0 % of mass 442	14.5	(18.9)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-301331/2	C16586.D	05/28/2015	08:18
	LCSD 460-300093/3-A	C16592.D	05/28/2015	11:07

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: x1952.D DFTPP Injection Date: 05/10/2015

Instrument ID: CBNAMS5 DFTPP Injection Time: 03:12

Analysis Batch No.: 297583

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.0	
68	Less than 2.0 % of mass 69	0.3	(0.6)1
69	Mass 69 relative abundance	50.9	
70	Less than 2.0 % of mass 69	0.0	(0.1)1
127	40.0 - 60.0 % of mass 198	56.4	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.5	
275	10.0 - 30.0 % of mass 198	23.8	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	8.3	(72.3)3
442	Greater than 40.0 % of mass 198	58.2	
443	17.0 - 23.0 % of mass 442	11.5	(19.7)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-297583/2	x1953.D	05/10/2015	03:57
	STD120 460-297583/3	x1954.D	05/10/2015	04:20
	STD80 460-297583/4	x1955.D	05/10/2015	04:42
	STD20 460-297583/5	x1956.D	05/10/2015	05:05
	STD10 460-297583/6	x1957.D	05/10/2015	05:27
	STD5 460-297583/7	x1958.D	05/10/2015	05:50
	STD2 460-297583/8	x1959.D	05/10/2015	06:12
	STD1 460-297583/9	x1960.D	05/10/2015	06:35
	STD05 460-297583/10	x1961.D	05/10/2015	06:57

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab File ID: x2605.D DFTPP Injection Date: 05/27/2015

Instrument ID: CBNAMS5 DFTPP Injection Time: 01:57

Analysis Batch No.: 300959

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	50.7	
68	Less than 2.0 % of mass 69	1.0	(1.9)1
69	Mass 69 relative abundance	50.4	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	55.8	
197	Less than 1.0 % of mass 198	0.9	
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	25.8	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	11.8	(76.8)3
442	Greater than 40.0 % of mass 198	75.4	
443	17.0 - 23.0 % of mass 442	15.4	(20.5)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300959/2	x2606.D	05/27/2015	02:14
	MB 460-300368/1-A	x2608.D	05/27/2015	03:30
DUP 051915	460-95181-5	x2611.D	05/27/2015	04:36
SB-6 (15-17)	460-95181-7	x2612.D	05/27/2015	04:59
SB-6 (17-19)	460-95181-8	x2617.D	05/27/2015	06:51
	LCS 460-300368/2-A	x2620.D	05/27/2015	07:58
SB-2 (20-22)	460-95181-9	x2624.D	05/27/2015	09:27
SB-4 (20-23) MS	460-95181-4 MS	x2631.D	05/27/2015	12:03
SB-4 (20-23) MSD	460-95181-4 MSD	x2632.D	05/27/2015	12:26
SB-4 (20-23)	460-95181-4	x2633.D	05/27/2015	12:48
SB-3 (20-22)	460-95181-6	x2634.D	05/27/2015	13:11

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301230/2 Date Analyzed: 05/27/2015 20:18

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z1482.D Heated Purge: (Y/N) N

Calibration ID: 50111

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		247963	4.29	793264	5.58	292699	7.34
UPPER LIMIT		495926	4.79	1586528	6.08	585398	7.84
LOWER LIMIT		123982	3.79	396632	5.08	146350	6.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95181-3	SB-5 (19-20)	301456	4.31	1008284	5.58	466702	7.33

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301230/2 Date Analyzed: 05/27/2015 20:18

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z1482.D Heated Purge: (Y/N) N

Calibration ID: 50111

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		420035	8.80	205765	11.56	155891	13.46
UPPER LIMIT		840070	9.30	411530	12.06	311782	13.96
LOWER LIMIT		210018	8.30	102883	11.06	77946	12.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95181-3	SB-5 (19-20)	679763	8.79	314664	11.55	205425	13.46

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300661/2 Date Analyzed: 05/24/2015 09:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121823.D Heated Purge: (Y/N) N

Calibration ID: 49990

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		328086	4.31	1133378	5.59	522169	7.35
UPPER LIMIT		656172	4.81	2266756	6.09	1044338	7.85
LOWER LIMIT		164043	3.81	566689	5.09	261085	6.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300363/1-A		415049	4.31	1428647	5.59	685551	7.35
460-95030-E-1-A MS		379231	4.31	1260861	5.59	596661	7.35
460-95030-E-1-B MSD		366481	4.31	1210286	5.59	587746	7.35

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300661/2 Date Analyzed: 05/24/2015 09:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121823.D Heated Purge: (Y/N) N

Calibration ID: 49990

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		899330	8.81	941062	11.57	1179549	13.48
UPPER LIMIT		1798660	9.31	1882124	12.07	2359098	13.98
LOWER LIMIT		449665	8.31	470531	11.07	589775	12.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300363/1-A		923769	8.81	650691	11.56	676413	13.47
460-95030-E-1-A MS		827663	8.81	697866	11.56	982049	13.48
460-95030-E-1-B MSD		824556	8.81	757763	11.56	1077282	13.48

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300737/2 Date Analyzed: 05/26/2015 07:53

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121854.D Heated Purge: (Y/N) N

Calibration ID: 49990

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		475317	4.28	1684880	5.57	796865	7.33
UPPER LIMIT		950634	4.78	3369760	6.07	1593730	7.83
LOWER LIMIT		237659	3.78	842440	5.07	398433	6.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300363/2-A		397661	4.28	1424975	5.57	766104	7.32

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300737/2 Date Analyzed: 05/26/2015 07:53

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121854.D Heated Purge: (Y/N) N

Calibration ID: 49990

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1337438	8.79	1223245	11.54	1517914	13.45
UPPER LIMIT		2674876	9.29	2446490	12.04	3035828	13.95
LOWER LIMIT		668719	8.29	611623	11.04	758957	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300363/2-A		1170872	8.79	1036960	11.54	1217930	13.45

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300751/2 Date Analyzed: 05/26/2015 06:47

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16506.D Heated Purge: (Y/N) N

Calibration ID: 49805

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		760440	5.40	2639786	6.69	970622	8.48
UPPER LIMIT		1520880	5.90	5279572	7.19	1941244	8.98
LOWER LIMIT		380220	4.90	1319893	6.19	485311	7.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300093/1-A		1008615	5.40	3826728	6.69	1657320	8.48
LCS 460-300093/2-A		1170232	5.40	4202570	6.69	1692570	8.48

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300751/2 Date Analyzed: 05/26/2015 06:47

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16506.D Heated Purge: (Y/N) N

Calibration ID: 49805

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1274397	9.99	737765	13.29	661001	15.64
UPPER LIMIT		2548794	10.49	1475530	13.79	1322002	16.14
LOWER LIMIT		637199	9.49	368883	12.79	330501	15.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300093/1-A		1728837	9.98	711309	13.28	638401	15.64
LCS 460-300093/2-A		1786124	9.99	821592	13.29	790050	15.65

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301157/2 Date Analyzed: 05/27/2015 18:28

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16558.D Heated Purge: (Y/N) N

Calibration ID: 49805

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		580551	5.47	1777958	6.76	636301	8.55
UPPER LIMIT		1161102	5.97	3555916	7.26	1272602	9.05
LOWER LIMIT		290276	4.97	888979	6.26	318151	8.05
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95181-1	Field Blank 051915	591477	5.47	1889835	6.76	742495	8.55

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301157/2 Date Analyzed: 05/27/2015 18:28

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16558.D Heated Purge: (Y/N) N

Calibration ID: 49805

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		808216	10.05	561142	13.35	630306	15.70
UPPER LIMIT		1616432	10.55	1122284	13.85	1260612	16.20
LOWER LIMIT		404108	9.55	280571	12.85	315153	15.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95181-1	Field Blank 051915	884730	10.05	490708	13.34	532252	15.69

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301331/2 Date Analyzed: 05/28/2015 08:18

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16586.D Heated Purge: (Y/N) N

Calibration ID: 49805

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		460543	5.45	1687116	6.74	702089	8.53
UPPER LIMIT		921086	5.95	3374232	7.24	1404178	9.03
LOWER LIMIT		230272	4.95	843558	6.24	351045	8.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-300093/3-A		499476	5.45	1795334	6.74	808767	8.53

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-301331/2 Date Analyzed: 05/28/2015 08:18

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): C16586.D Heated Purge: (Y/N) N

Calibration ID: 49805

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1033173	10.03	760325	13.32	681990	15.66
UPPER LIMIT		2066346	10.53	1520650	13.82	1363980	16.16
LOWER LIMIT		516587	9.53	380163	12.82	340995	15.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCSD 460-300093/3-A		1066894	10.03	824091	13.32	776324	15.66

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300959/2 Date Analyzed: 05/27/2015 02:14

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x2606.D Heated Purge: (Y/N) N

Calibration ID: 49816

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		632559	4.27	2217276	5.55	924047	7.30
UPPER LIMIT		1265118	4.77	4434552	6.05	1848094	7.80
LOWER LIMIT		316280	3.77	1108638	5.05	462024	6.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300368/1-A		675782	4.26	2603223	5.54	1372306	7.30
460-95181-5	DUP 051915	651611	4.28	2467182	5.55	1237245	7.30
460-95181-7	SB-6 (15-17)	696855	4.28	2669513	5.55	1400646	7.30
460-95181-8	SB-6 (17-19)	677656	4.28	2554213	5.54	1274532	7.30
LCS 460-300368/2-A		703106	4.27	2571529	5.55	1220662	7.30
460-95181-9	SB-2 (20-22)	688609	4.28	2560203	5.55	1222051	7.30
460-95181-4 MS	SB-4 (20-23) MS	620590	4.28	2233204	5.55	1000357	7.30
460-95181-4 MSD	SB-4 (20-23) MSD	608257	4.28	2074803	5.55	861027	7.30
460-95181-4	SB-4 (20-23)	629534	4.28	2133895	5.55	855479	7.29
460-95181-6	SB-3 (20-22)	650952	4.27	2196626	5.54	864058	7.29

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Sample No.: CCVIS 460-300959/2 Date Analyzed: 05/27/2015 02:14

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): x2606.D Heated Purge: (Y/N) N

Calibration ID: 49816

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1248950	8.76	633375	11.51	401697	13.41
UPPER LIMIT		2497900	9.26	1266750	12.01	803394	13.91
LOWER LIMIT		624475	8.26	316688	11.01	200849	12.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300368/1-A		1873153	8.77	1000379	11.52	620331	13.42
460-95181-5	DUP 051915	1593159	8.76	724053	11.51	472940	13.41
460-95181-7	SB-6 (15-17)	1809893	8.76	884788	11.51	566182	13.41
460-95181-8	SB-6 (17-19)	1590672	8.76	759547	11.51	438279	13.41
LCS 460-300368/2-A		1393360	8.76	615273	11.51	378702	13.41
460-95181-9	SB-2 (20-22)	1369827	8.76	566954	11.51	383551	13.41
460-95181-4 MS	SB-4 (20-23) MS	1081297	8.75	437923	11.50	382139	13.40
460-95181-4 MSD	SB-4 (20-23) MSD	873037	8.75	410041	11.50	409863	13.40
460-95181-4	SB-4 (20-23)	855093	8.75	422118	11.49	441679	13.39
460-95181-6	SB-3 (20-22)	854069	8.75	436862	11.49	475444	13.40

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: Field Blank 051915 | Lab Sample ID: 460-95181-1

Matrix: Water | Lab File ID: C16572.D

Analysis Method: 8270D | Date Collected: 05/19/2015 12:45

Extract. Method: 3510C | Date Extracted: 05/21/2015 12:57

Sample wt/vol: 240(mL) | Date Analyzed: 05/28/2015 01:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

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

Analysis Batch No.: 301157 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	10	U	10	2.1
208-96-8	Acenaphthylene	10	U	10	1.9
83-32-9	Acenaphthene	10	U	10	1.1
86-73-7	Fluorene	10	U	10	1.8
85-01-8	Phenanthrene	10	U	10	1.3
120-12-7	Anthracene	10	U	10	0.89
206-44-0	Fluoranthene	10	U *	10	1.1
129-00-0	Pyrene	10	U	10	1.1
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.19
218-01-9	Chrysene	2.1	U	2.1	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.22
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.15
50-32-8	Benzo[a]pyrene	1.0	U *	1.0	0.15
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.11
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.17
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.97

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	80		60-114
4165-62-2	Phenol-d5 (Surr)	27		4-86
1718-51-0	Terphenyl-d14 (Surr)	72		72-130
118-79-6	2,4,6-Tribromophenol (Surr)	80		51-126
367-12-4	2-Fluorophenol (Surr)	46		15-96
321-60-8	2-Fluorobiphenyl	84		50-120

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16572.D
Lims ID: 460-95181-D-1-A Lab Sample ID: 460-95181-1
Client ID: Field Blank 051915
Sample Type: Client
Inject. Date: 28-May-2015 01:03:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027858-016
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 03:19:30 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: bayoumiw Date: 28-May-2015 03:19:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	4.193	4.193	0.000	95	468083	4.56	
$ 6 Phenol-d5	99	5.046	5.045	0.001	89	332053	2.73	
* 13 1,4-Dichlorobenzene-d4	152	5.469	5.463	0.006	96	591477	8.00	
$ 25 Nitrobenzene-d5	82	6.010	6.010	0.000	89	771921	8.00	
* 35 Naphthalene-d8	136	6.757	6.757	0.000	100	1889835	8.00	
$ 48 2-Fluorobiphenyl	172	7.822	7.828	-0.006	98	1132822	8.36	
* 61 Acenaphthene-d10	164	8.545	8.545	0.000	93	742495	8.00	
$ 76 2,4,6-Tribromophenol	330	9.339	9.339	0.000	93	112495	7.99	
* 83 Phenanthrene-d10	188	10.051	10.051	0.000	99	884730	8.00	
$ 91 Terphenyl-d14	244	11.786	11.786	0.000	99	650417	7.24	
* 96 Chrysene-d12	240	13.339	13.339	0.000	98	490708	8.00	
* 103 Perylene-d12	264	15.692	15.692	0.000	96	532252	8.00	

Reagents:

SM_ISTD_LVI_00072 Amount Added: 20.00 Units: uL Run Reagent

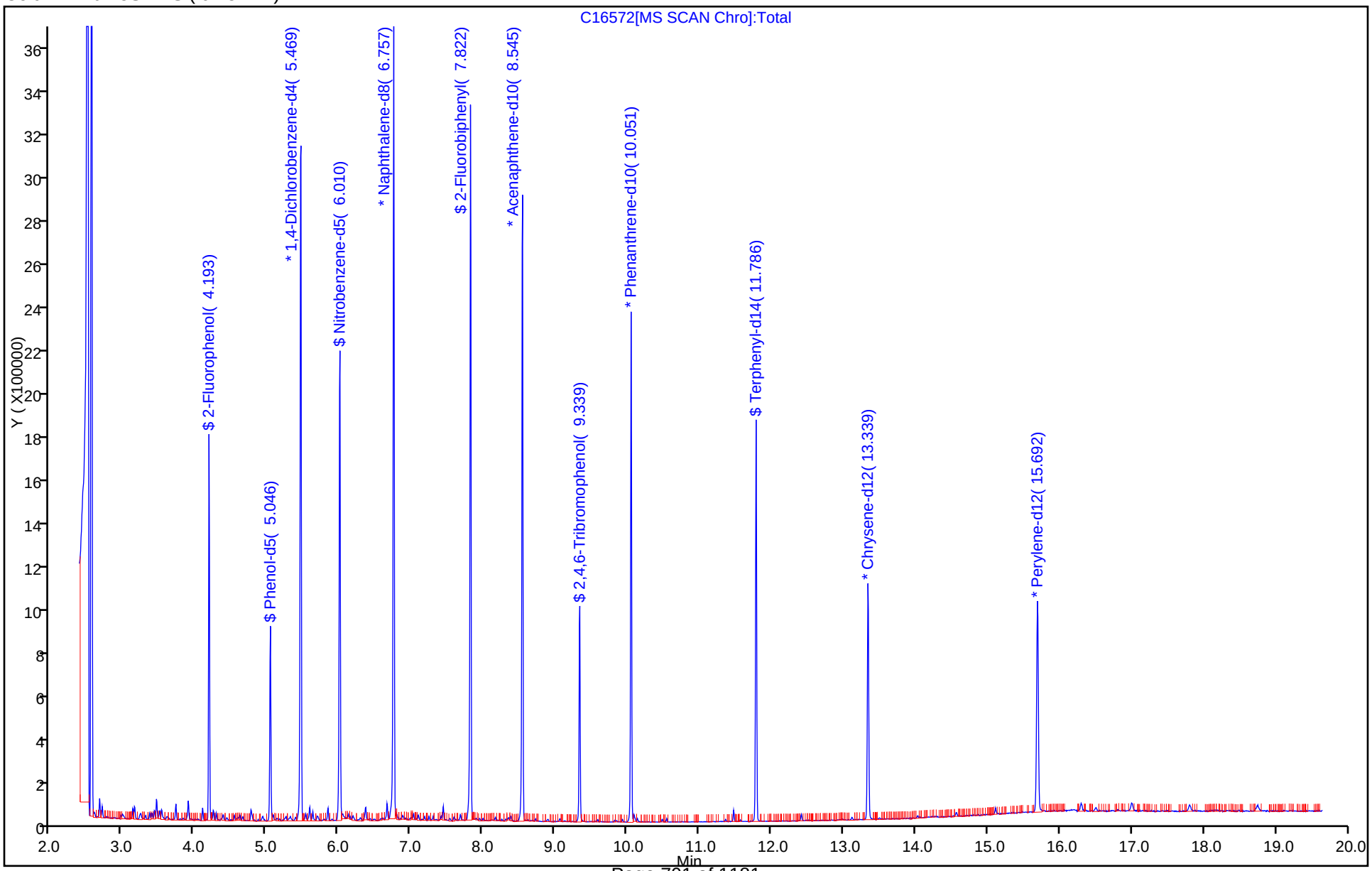
Report Date: 28-May-2015 03:19:30 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16572.D

Injection Date:	28-May-2015 01:03:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	460-95181-D-1-A	Lab Sample ID:	460-95181-1	Worklist Smp#:	16
Client ID:	Field Blank 051915				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-5 (19-20) | Lab Sample ID: 460-95181-3

Matrix: Solid | Lab File ID: z1489.D

Analysis Method: 8270D | Date Collected: 05/19/2015 12:50

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9888(g) | Date Analyzed: 05/27/2015 23:05

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 301230 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	380	U	380	9.2
208-96-8	Acenaphthylene	380	U	380	9.8
120-12-7	Anthracene	380	U	380	36
56-55-3	Benzo[a]anthracene	38	U	38	32
50-32-8	Benzo[a]pyrene	15	J	38	12
205-99-2	Benzo[b]fluoranthene	23	J	38	15
191-24-2	Benzo[g,h,i]perylene	380	U	380	22
207-08-9	Benzo[k]fluoranthene	38	U	38	17
218-01-9	Chrysene	20	J	380	10
53-70-3	Dibenz(a,h)anthracene	38	U	38	20
206-44-0	Fluoranthene	34	J	380	11
86-73-7	Fluorene	380	U	380	8.3
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	25
91-20-3	Naphthalene	16	J	380	9.7
85-01-8	Phenanthrene	16	J	380	10
129-00-0	Pyrene	36	J	380	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	37		10-120
321-60-8	2-Fluorobiphenyl	54		40-109
367-12-4	2-Fluorophenol (Surr)	48		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	61		38-105
4165-62-2	Phenol-d5 (Surr)	55		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D
Lims ID: 460-95181-E-3-A Lab Sample ID: 460-95181-3
Client ID: SB-5 (19-20)
Sample Type: Client
Inject. Date: 27-May-2015 23:05:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-009
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 01:09:16 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: bayoumiw Date: 28-May-2015 01:09:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.229	3.005	0.224	90	317344	24.2	
$ 6 Phenol-d5	99	3.970	3.935	0.035	86	442439	27.5	
* 14 1,4-Dichlorobenzene-d4	152	4.311	4.288	0.023	97	301456	40.0	
$ 26 Nitrobenzene-d5	82	4.858	4.852	0.006	95	393505	30.5	
* 38 Naphthalene-d8	136	5.576	5.570	0.006	99	1008284	40.0	
39 Naphthalene	128	5.593	5.599	-0.006	97	5844	0.2111	
$ 51 2-Fluorobiphenyl	172	6.658	6.664	-0.006	98	612248	27.0	
* 65 Acenaphthene-d10	164	7.329	7.328	0.001	94	466702	40.0	
$ 80 2,4,6-Tribromophenol	330	8.105	8.111	-0.006	93	36679	18.4	
* 87 Phenanthrene-d10	188	8.793	8.793	0.000	99	679763	40.0	
88 Phenanthrene	178	8.811	8.823	-0.012	9	3945	0.2144	
92 Fluoranthene	202	9.993	9.993	0.000	98	7176	0.4402	
94 Pyrene	202	10.211	10.217	-0.006	67	6783	0.4694	
$ 96 Terphenyl-d14	244	10.370	10.375	-0.005	99	373373	38.4	
* 102 Chrysene-d12	240	11.552	11.552	0.000	99	314664	40.0	
103 Chrysene	228	11.581	11.587	-0.006	95	2323	0.2569	
106 Benzo[b]fluoranthene	252	12.934	12.946	-0.012	91	2094	0.3017	
108 Benzo[a]pyrene	252	13.375	13.387	-0.012	68	1235	0.1965	
* 109 Perylene-d12	264	13.464	13.463	0.001	97	205425	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

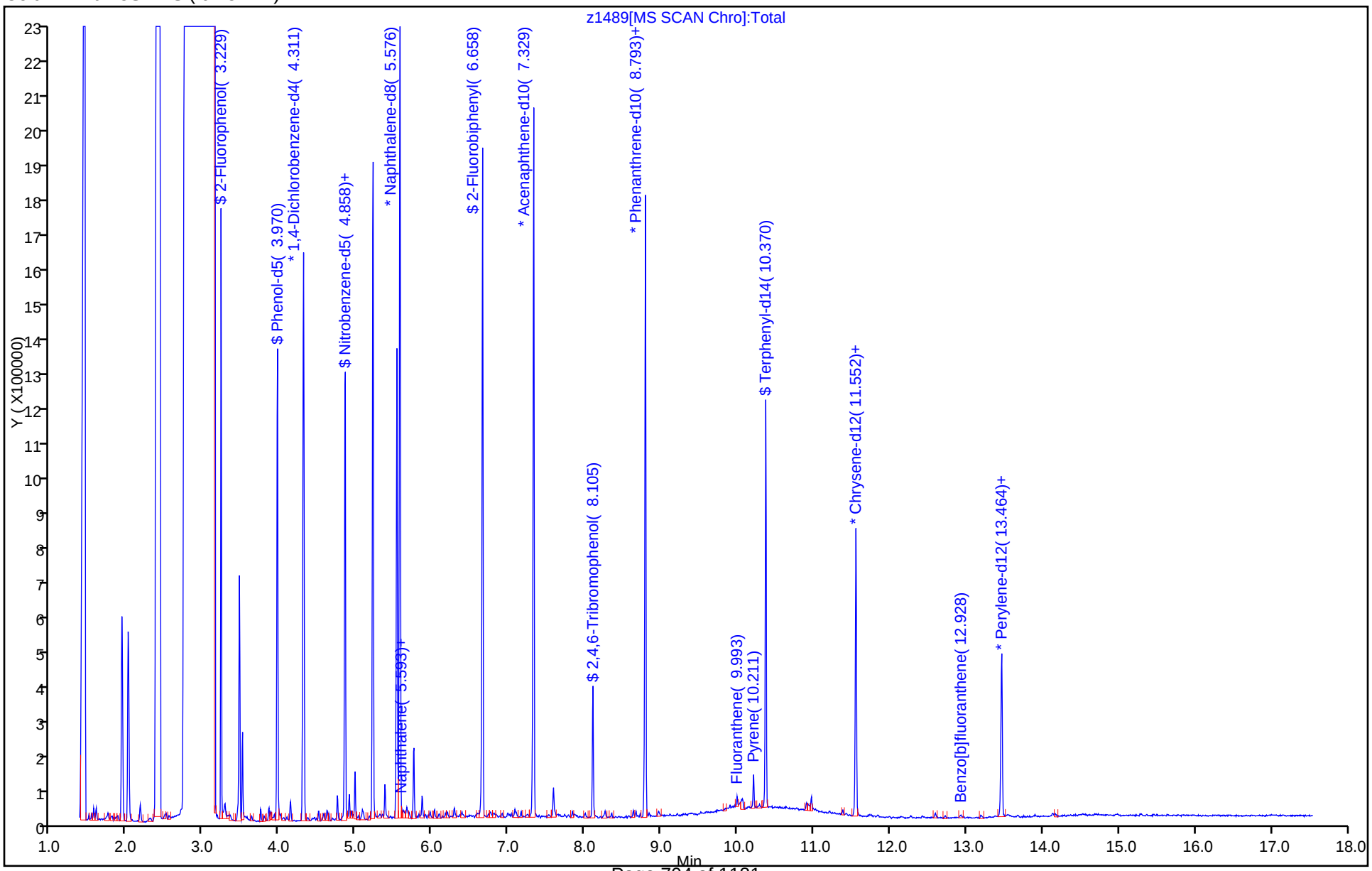
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3	Worklist Smp#:	9
Client ID:	SB-5 (19-20)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

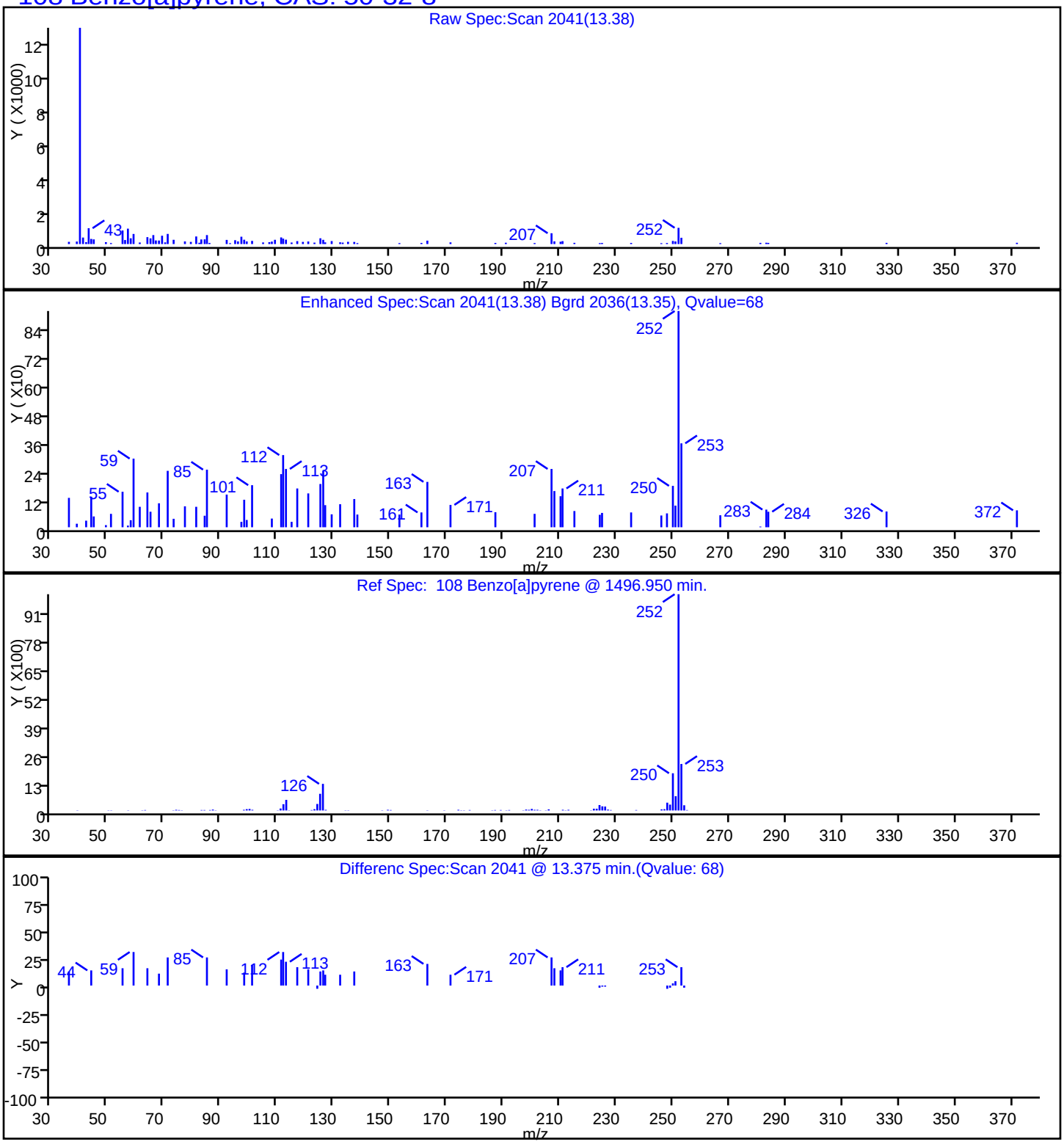


Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D				
Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



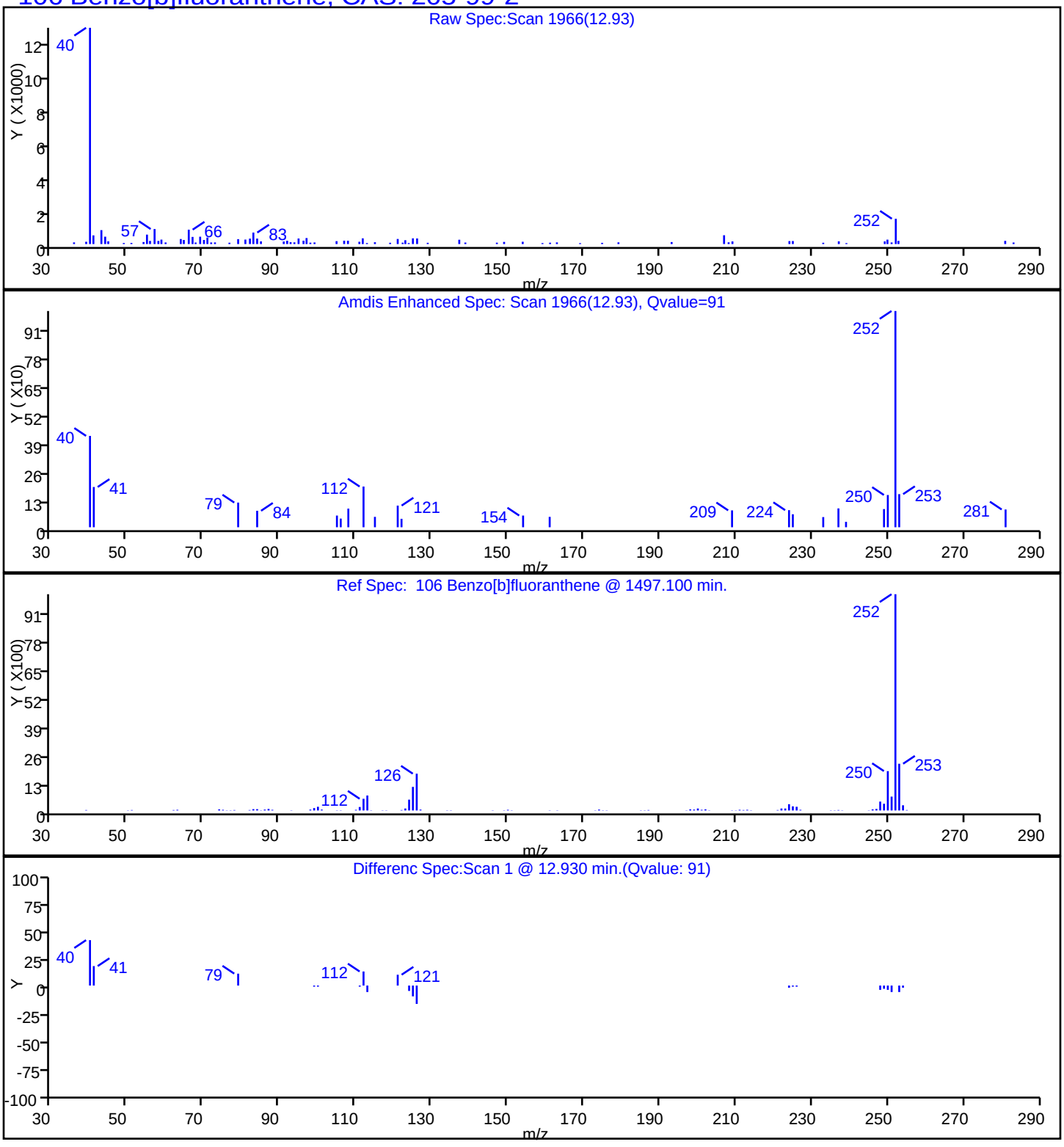
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

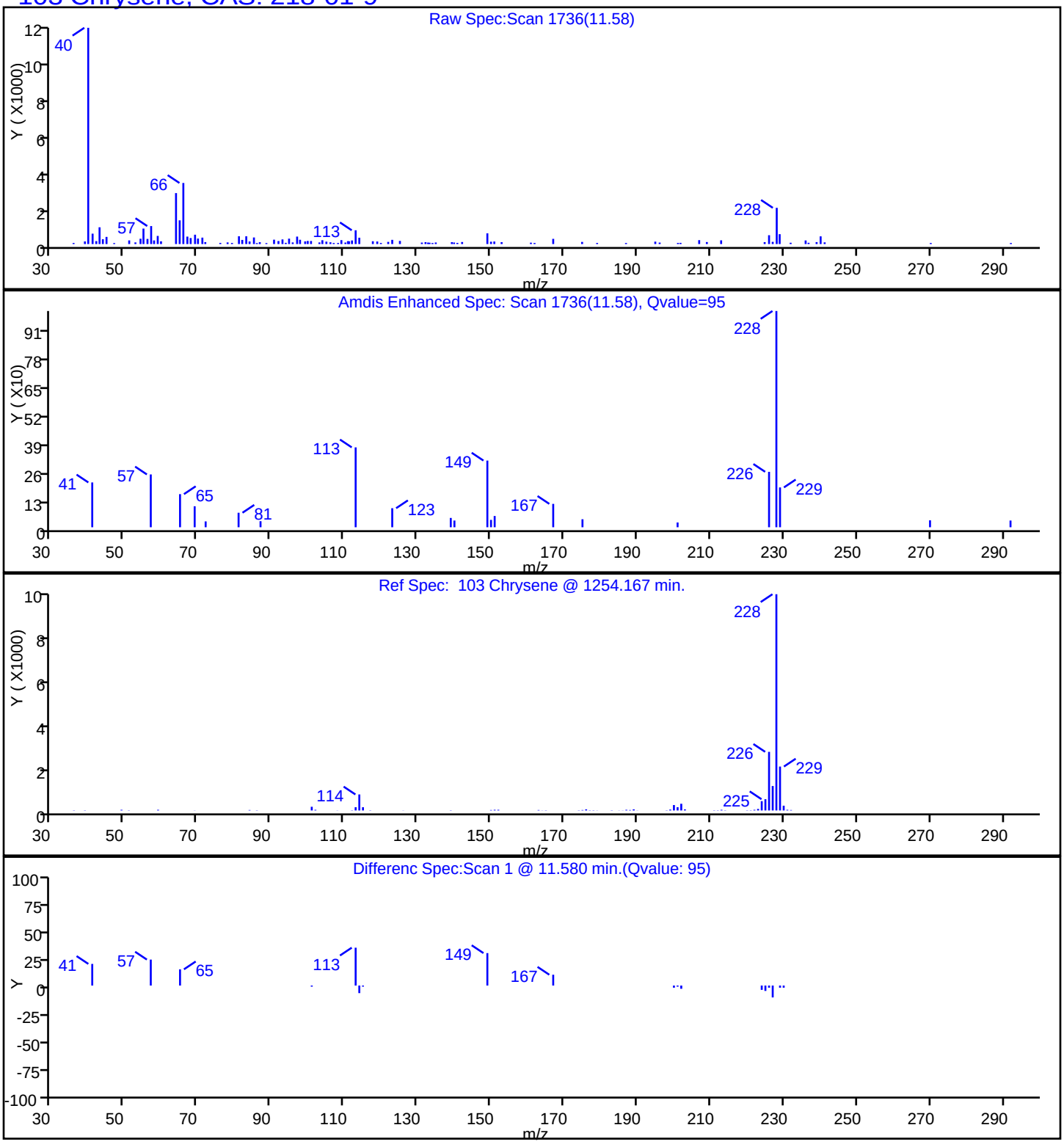


Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D				
Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



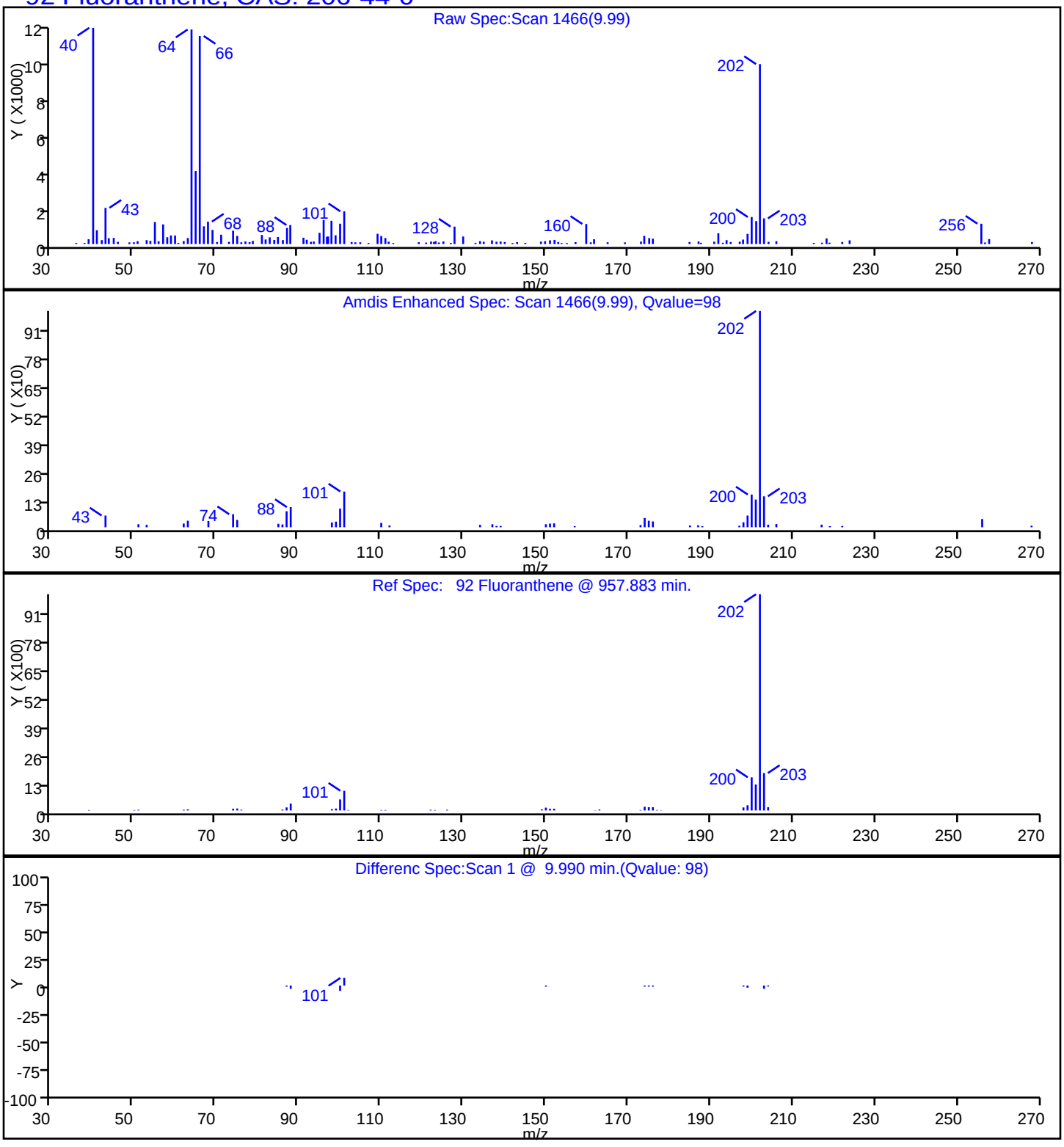
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Fluoranthene, CAS: 206-44-0



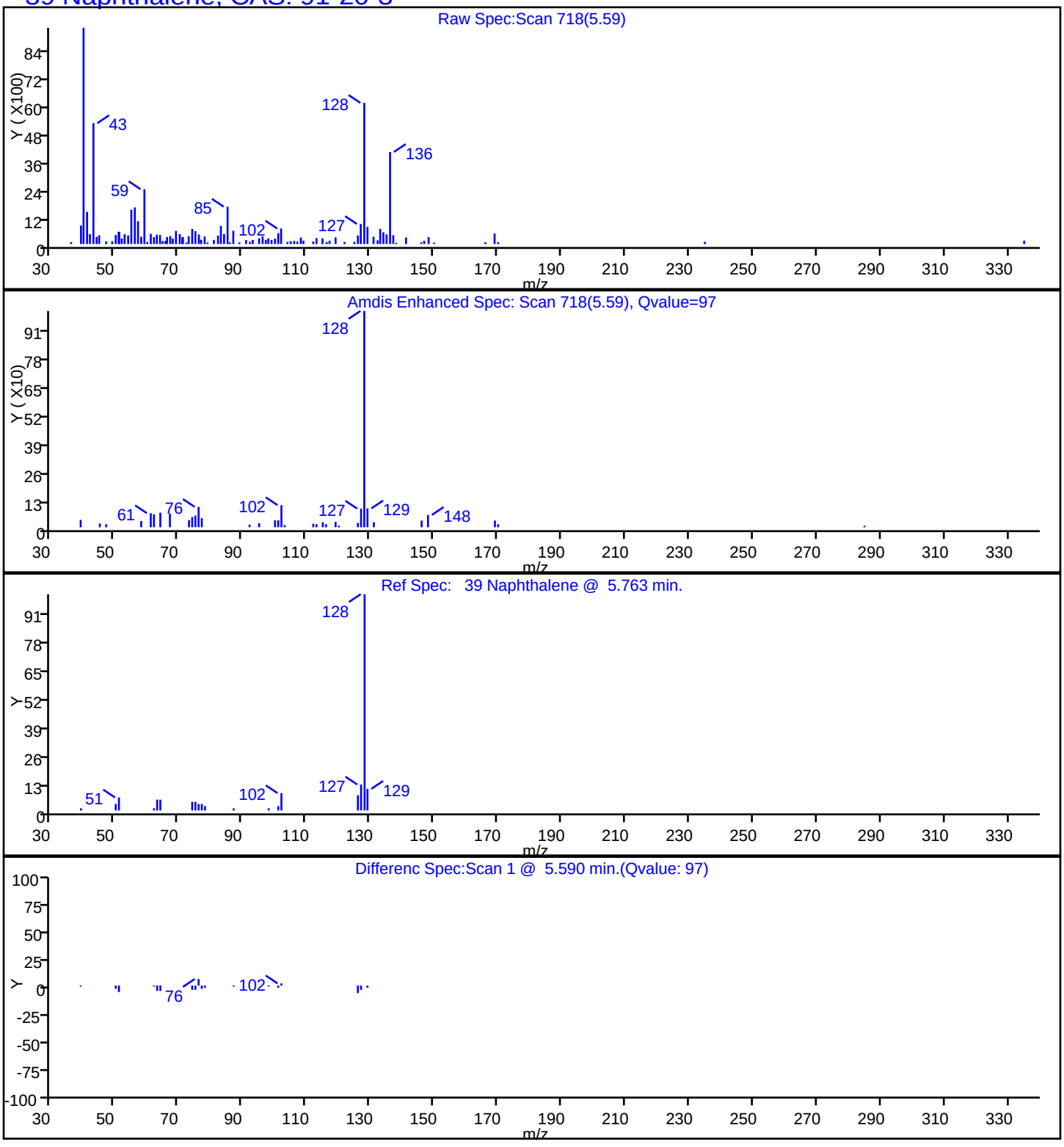
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



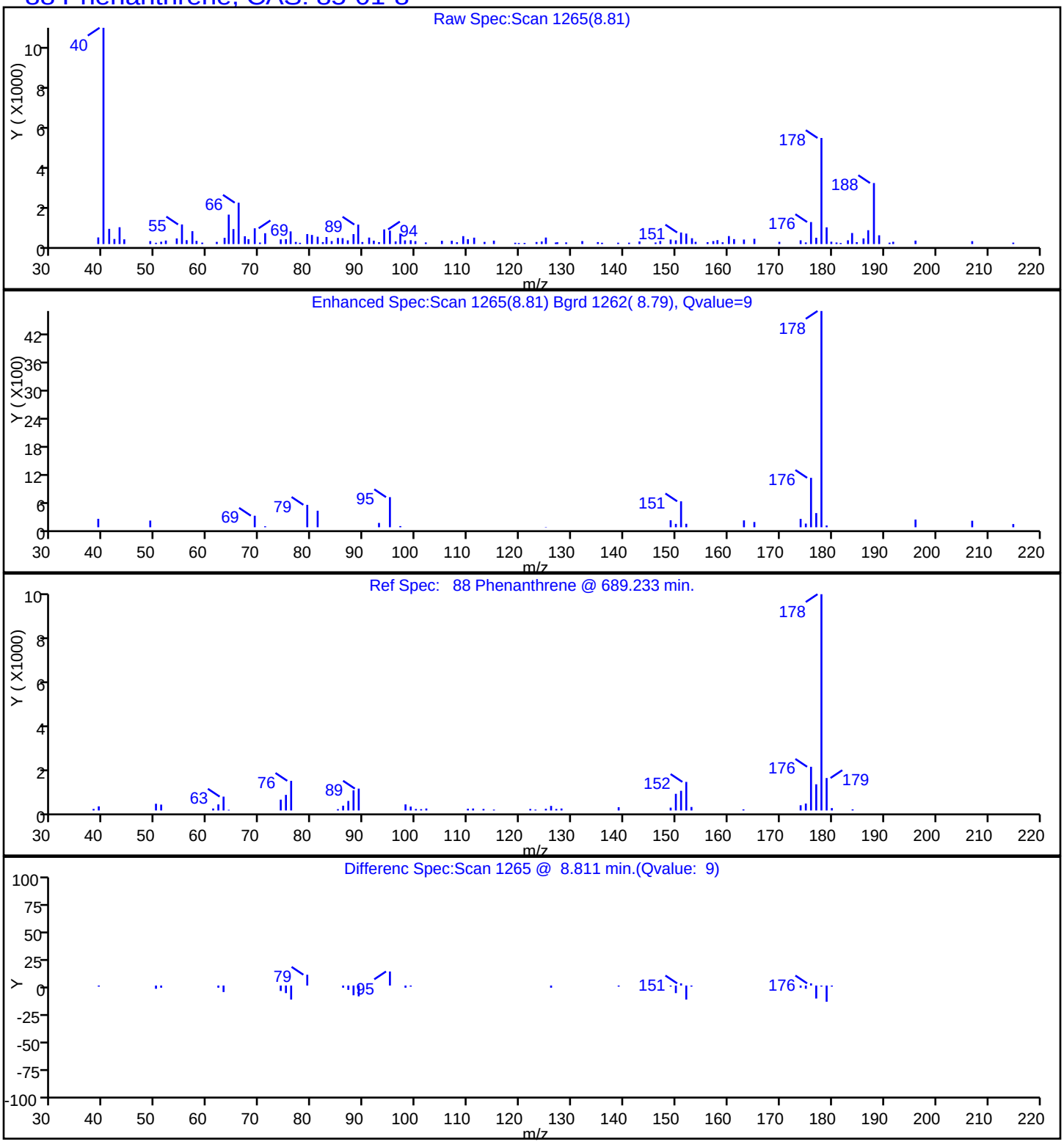
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8



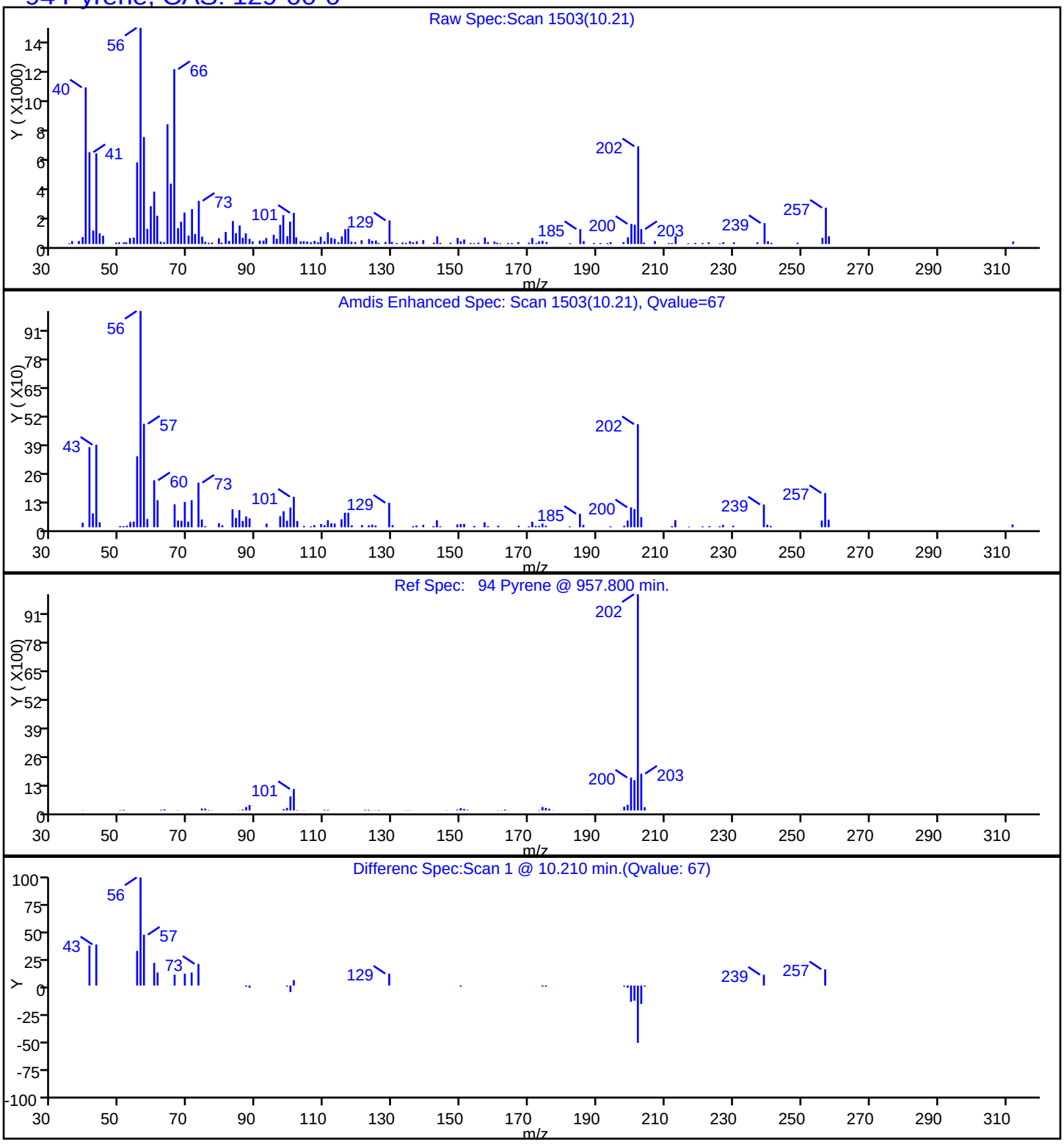
Report Date: 28-May-2015 01:09:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1489.D

Injection Date:	27-May-2015 23:05:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95181-E-3-A	Lab Sample ID:	460-95181-3		
Client ID:	SB-5 (19-20)				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

94 Pyrene, CAS: 129-00-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-4 (20-23) | Lab Sample ID: 460-95181-4

Matrix: Solid | Lab File ID: x2633.D

Analysis Method: 8270D | Date Collected: 05/19/2015 12:55

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0216(g) | Date Analyzed: 05/27/2015 12:48

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	18	J	400	9.6
208-96-8	Acenaphthylene	15	J	400	10
120-12-7	Anthracene	63	J	400	38
56-55-3	Benzo[a]anthracene	240		40	33
50-32-8	Benzo[a]pyrene	240		40	12
205-99-2	Benzo[b]fluoranthene	300		40	16
191-24-2	Benzo[g,h,i]perylene	270	J	400	23
207-08-9	Benzo[k]fluoranthene	100		40	17
218-01-9	Chrysene	270	J	400	11
53-70-3	Dibenz(a,h)anthracene	59	*	40	21
206-44-0	Fluoranthene	430		400	12
86-73-7	Fluorene	20	J	400	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	320	*	40	27
91-20-3	Naphthalene	17	J	400	10
85-01-8	Phenanthrene	290	J	400	11
129-00-0	Pyrene	410		400	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	22		10-120
321-60-8	2-Fluorobiphenyl	70		40-109
367-12-4	2-Fluorophenol (Surr)	48		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	56		38-105
4165-62-2	Phenol-d5 (Surr)	52		41-118
1718-51-0	Terphenyl-d14 (Surr)	73		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D
Lims ID: 460-95181-E-4-C Lab Sample ID: 460-95181-4
Client ID: SB-4 (20-23)
Sample Type: Client
Inject. Date: 27-May-2015 12:48:30 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-029
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 14:30:56 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:30:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.131	3.002	0.129	91	557992	23.9	
$ 6 Phenol-d5	99	3.943	3.937	0.006	87	731000	26.1	
10 Benzonitrile	103	4.037	4.031	0.006	1	137	NC	
* 14 1,4-Dichlorobenzene-d4	152	4.278	4.266	0.012	98	629534	40.0	
$ 26 Nitrobenzene-d5	82	4.825	4.831	-0.006	89	658900	27.9	
29 2-Toluidine	107	4.954	4.958	-0.004	34	462	NC	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2133895	40.0	
39 Naphthalene	128	5.566	5.572	-0.006	98	12895	0.2170	
44 2-Methylnaphthalene	142	6.260	6.266	-0.006	86	3993	0.1104	
$ 51 2-Fluorobiphenyl	172	6.625	6.637	-0.012	97	1138702	35.0	
61 Acenaphthylene	152	7.148	7.160	-0.012	96	7423	0.1879	
62 1-Naphthylamine	143	7.295	7.228	0.067	42	186	NC	
63 2-Naphthylamine	143	7.295	7.228	0.067	41	186	NC	
* 65 Acenaphthene-d10	164	7.290	7.295	-0.005	93	855479	40.0	
67 Acenaphthene	154	7.319	7.337	-0.018	91	5931	0.2222	
71 Dibenzofuran	168	7.495	7.507	-0.012	96	7484	0.2110	
75 Fluorene	166	7.831	7.842	-0.011	98	6573	0.2463	
$ 80 2,4,6-Tribromophenol	330	8.072	8.084	-0.012	94	32422	11.2	
* 88 Phenanthrene-d10	188	8.748	8.760	-0.012	99	855093	40.0	
89 Phenanthrene	178	8.772	8.789	-0.017	98	90932	3.60	
90 Anthracene	178	8.819	8.836	-0.017	97	20221	0.7893	
91 Carbazole	167	8.984	8.995	-0.011	96	7946	0.3701	
93 Fluoranthene	202	9.942	9.954	-0.012	98	114087	5.39	
95 Pyrene	202	10.160	10.178	-0.018	97	100074	5.08	
$ 96 Terphenyl-d14	244	10.319	10.330	-0.011	99	464720	36.4	
101 Benzo[a]anthracene	228	11.477	11.501	-0.024	99	40239	3.00	
* 102 Chrysene-d12	240	11.489	11.513	-0.024	99	422118	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.513	11.542	-0.029	91	32671	3.25	
103 Chrysene	228	11.519	11.548	-0.029	98	41532	3.35	
106 Benzo[b]fluoranthene	252	12.872	12.895	-0.023	98	51668	3.72	
107 Benzo[k]fluoranthene	252	12.901	12.930	-0.029	100	19991	1.28	M
108 Benzo[a]pyrene	252	13.307	13.336	-0.029	97	38268	2.99	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 109 Perylene-d12	264	13.389	13.413	-0.024	99	441679	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.877	14.918	-0.041	98	35163	3.94	
111 Dibenz(a,h)anthracene	278	14.907	14.948	-0.041	93	6904	0.7362	
112 Benzo[g,h,i]perylene	276	15.289	15.330	-0.041	97	34723	3.42	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

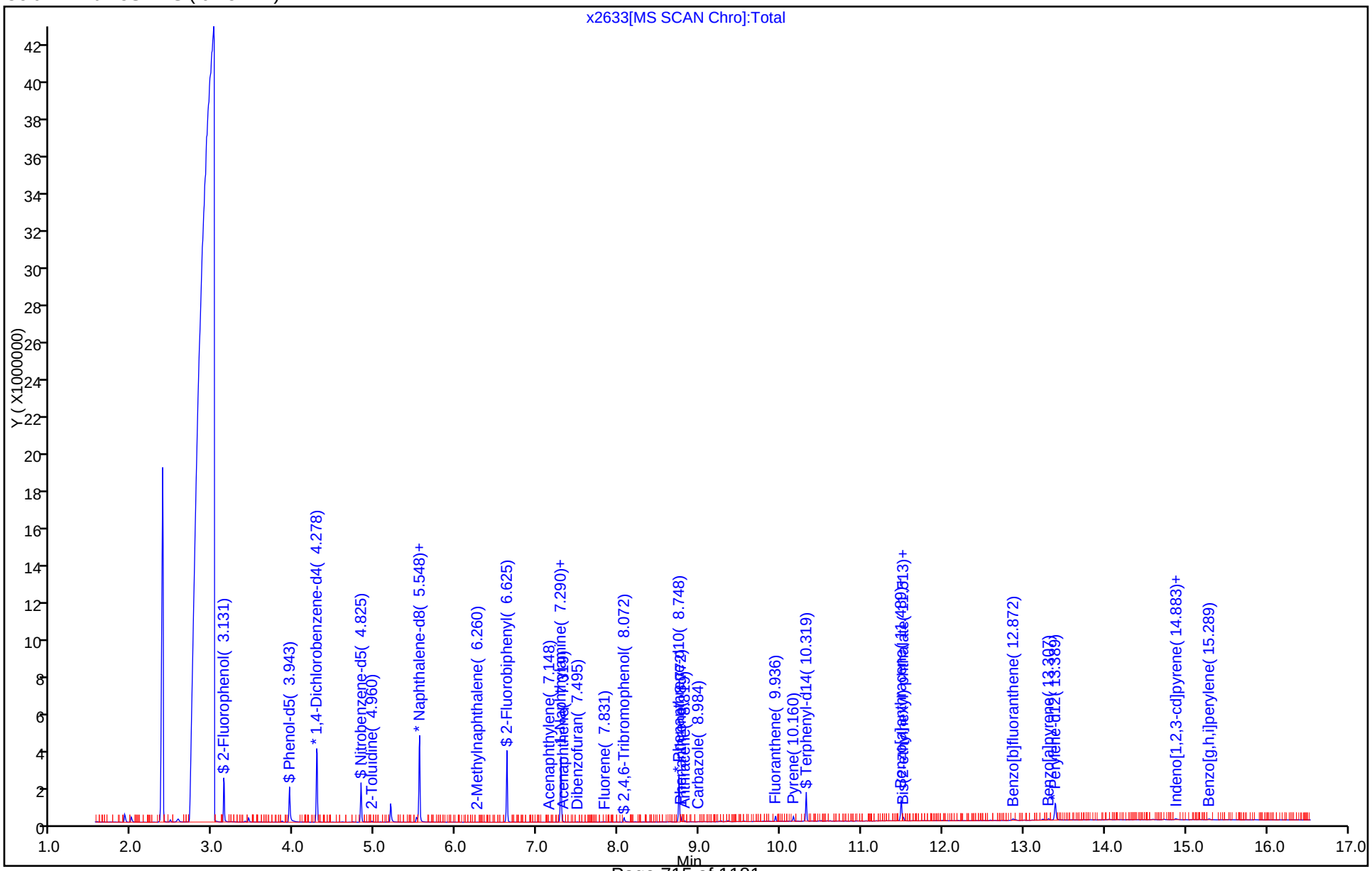
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4	Worklist Smp#:	29
Client ID:	SB-4 (20-23)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



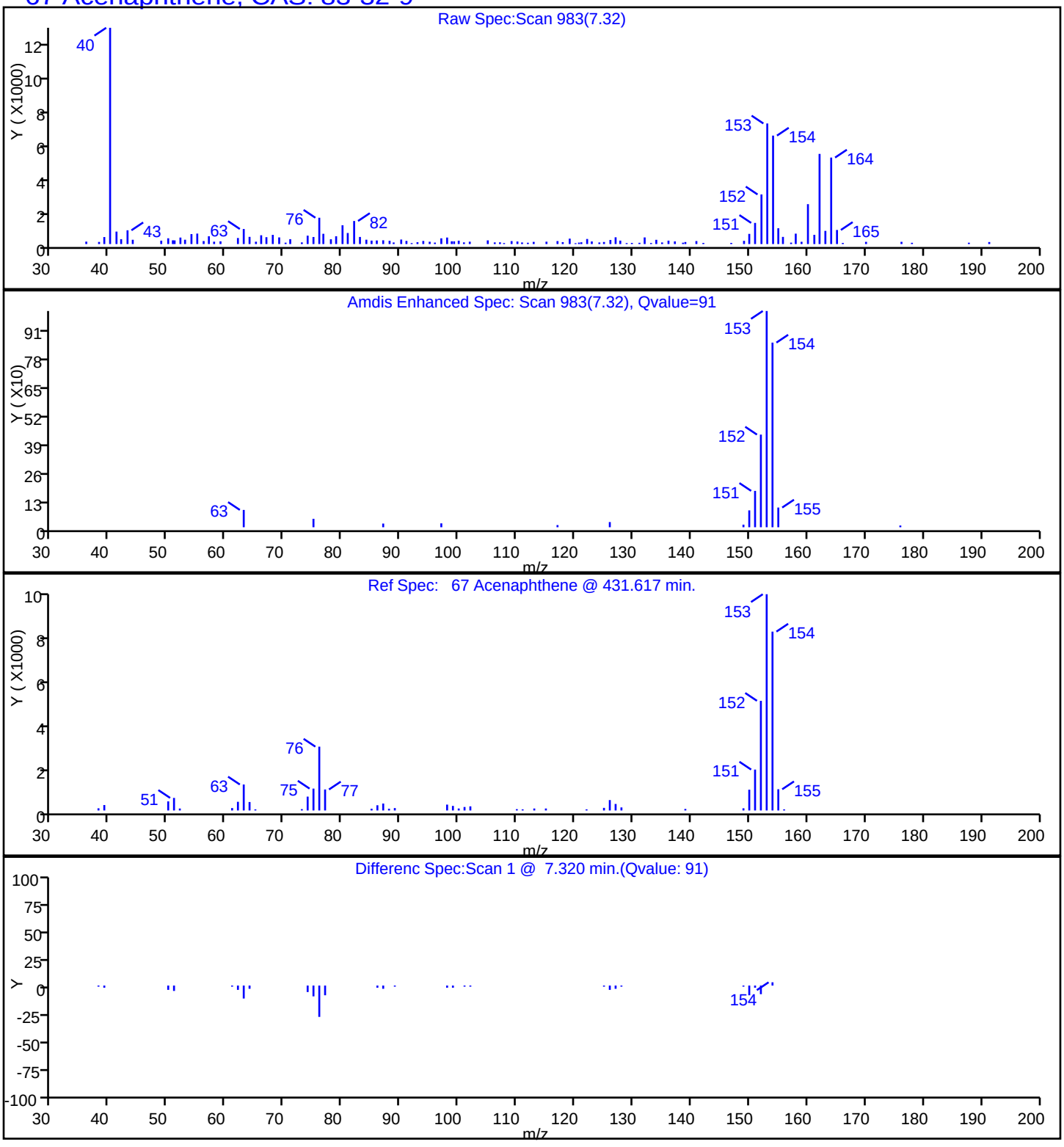
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9



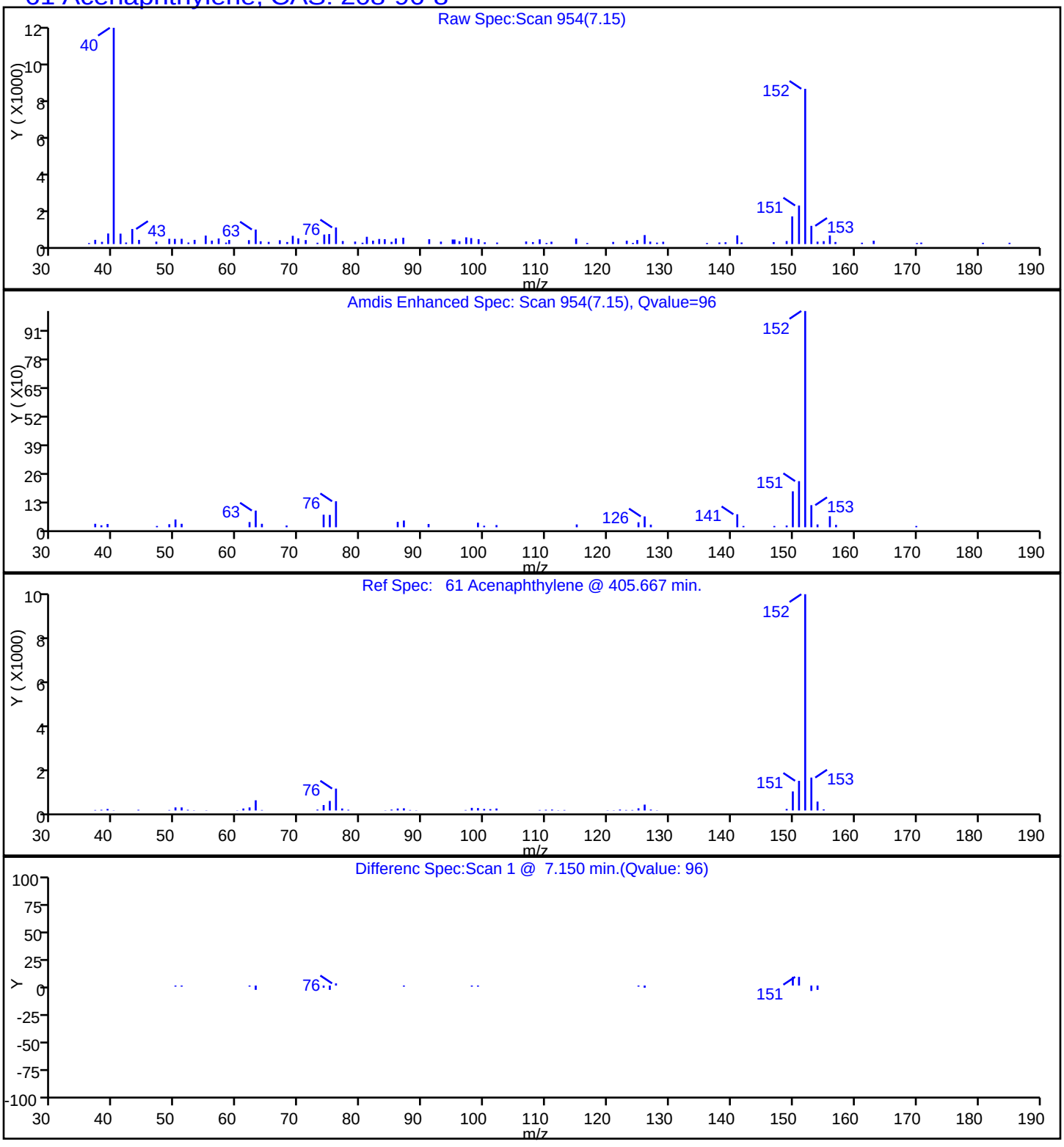
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4
Client ID:	SB-4 (20-23)		
Operator ID:		ALS Bottle#:	29 Worklist Smp#: 29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

61 Acenaphthylene, CAS: 208-96-8

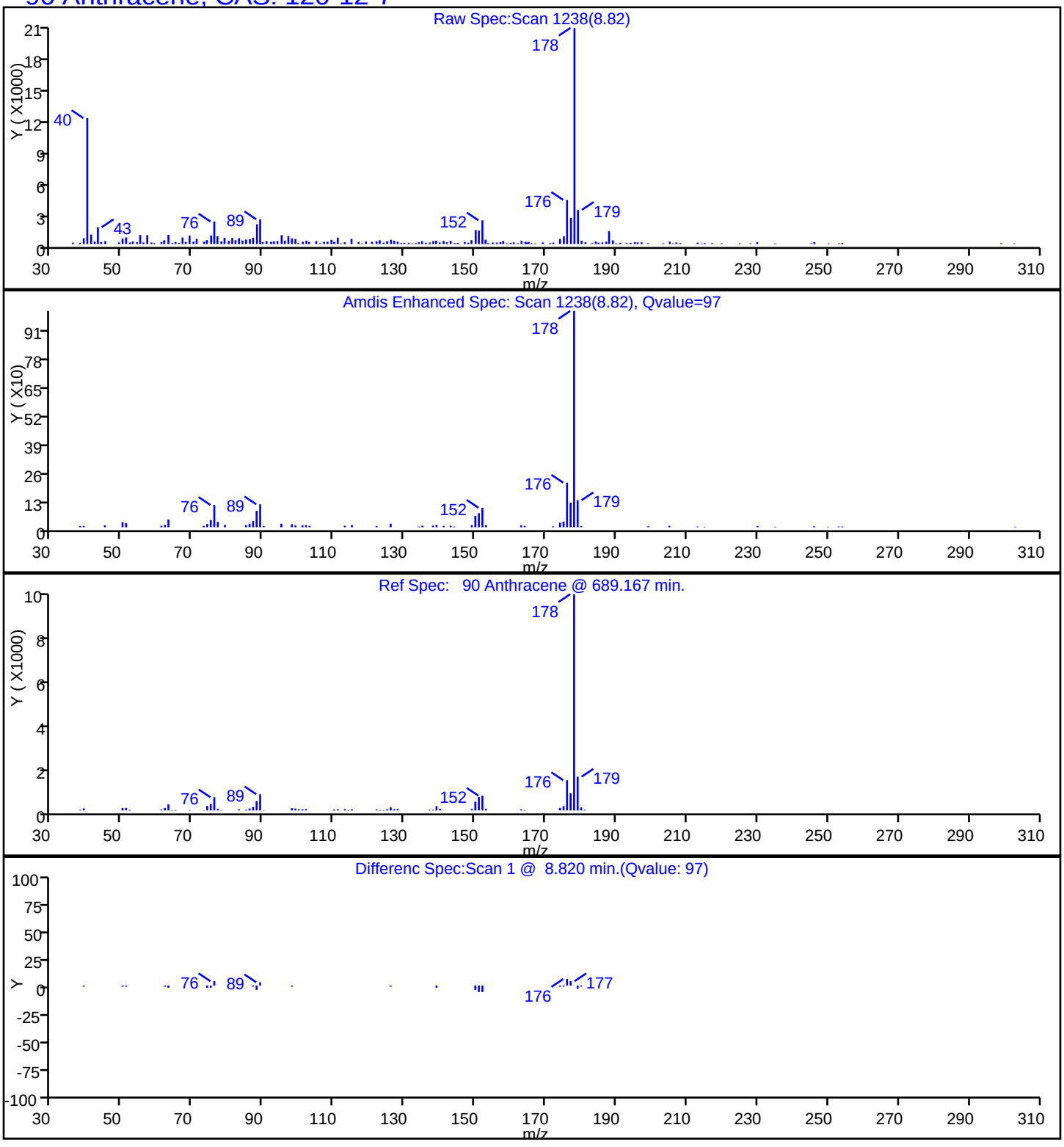


Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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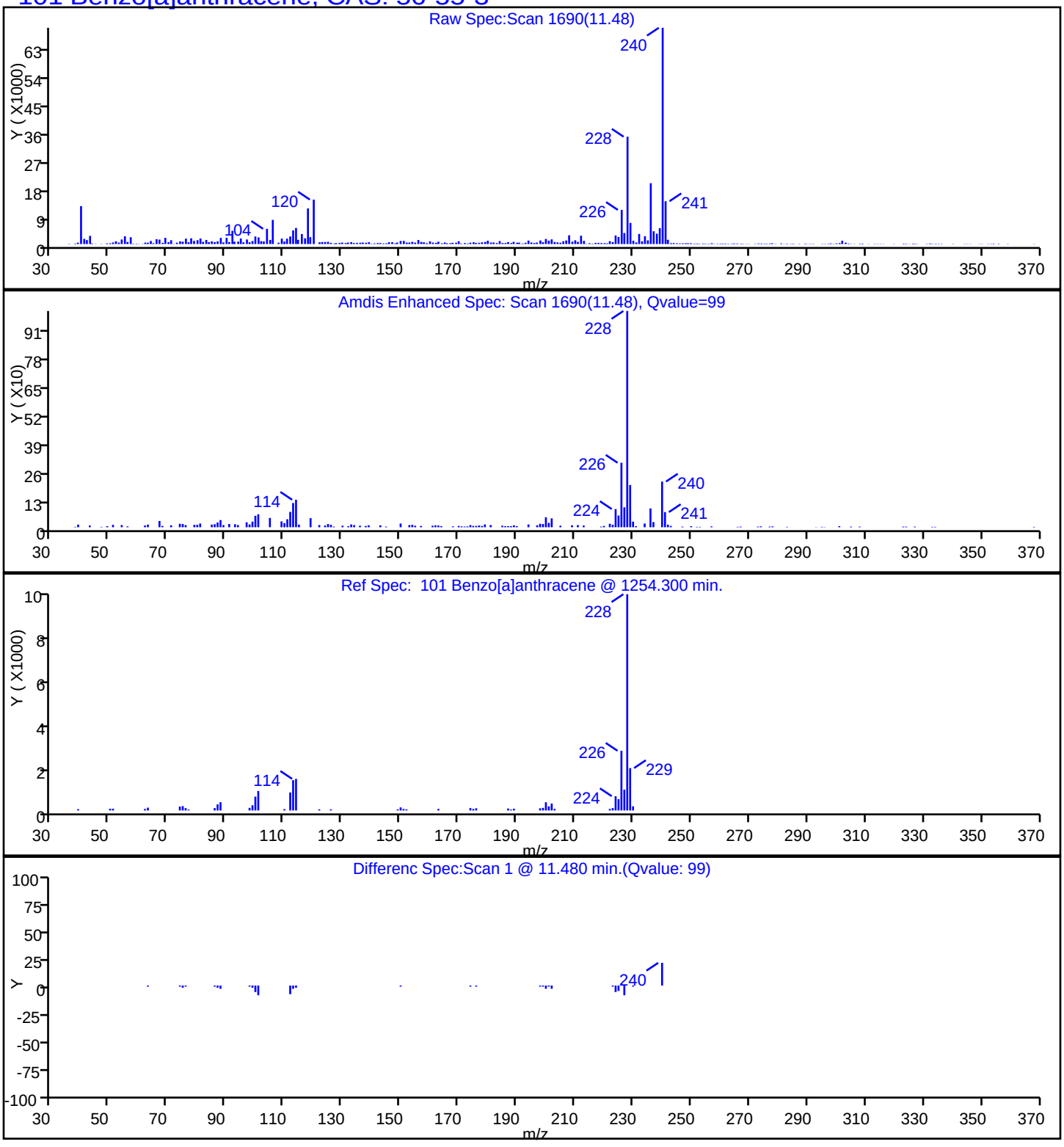
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

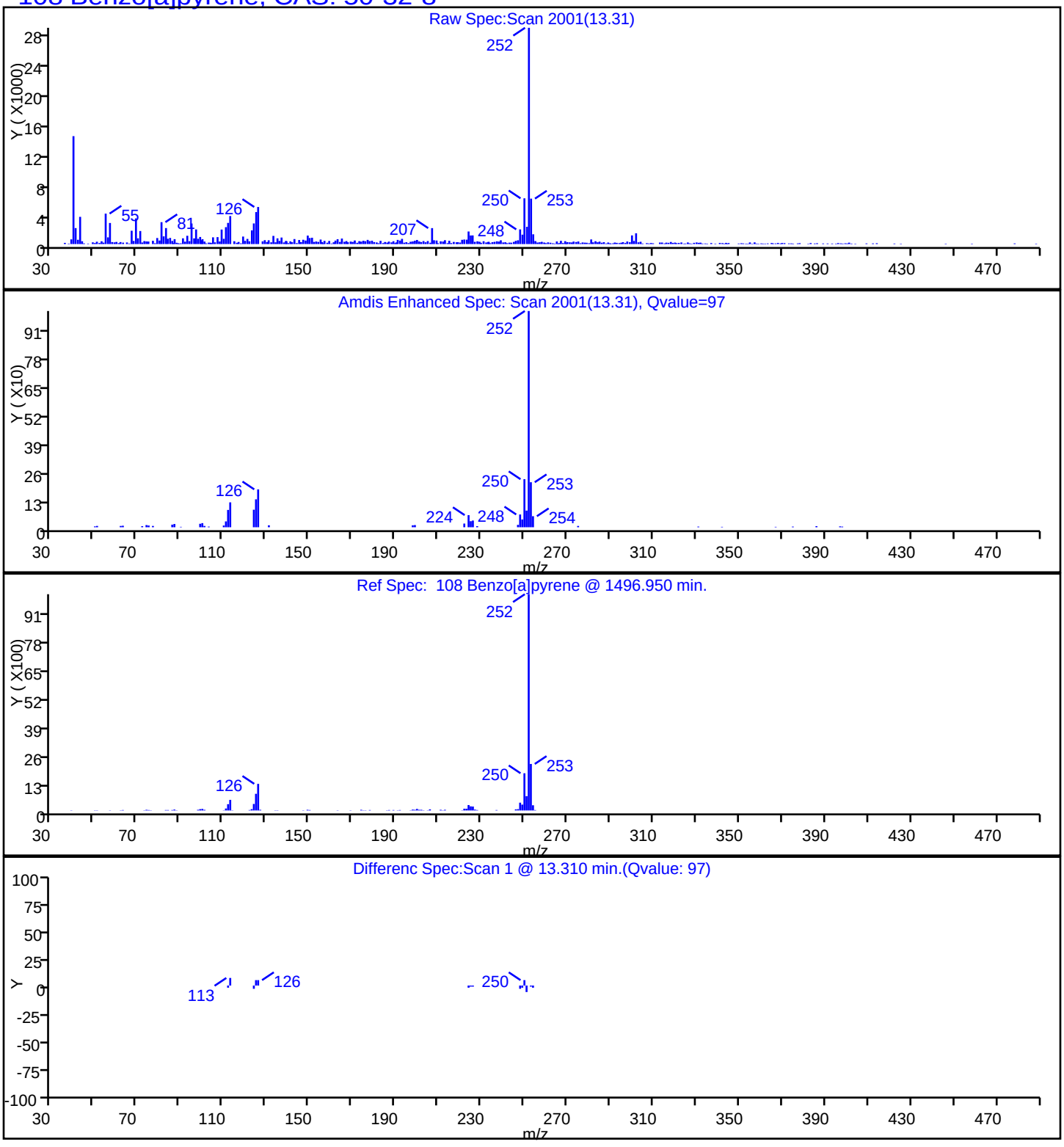


Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

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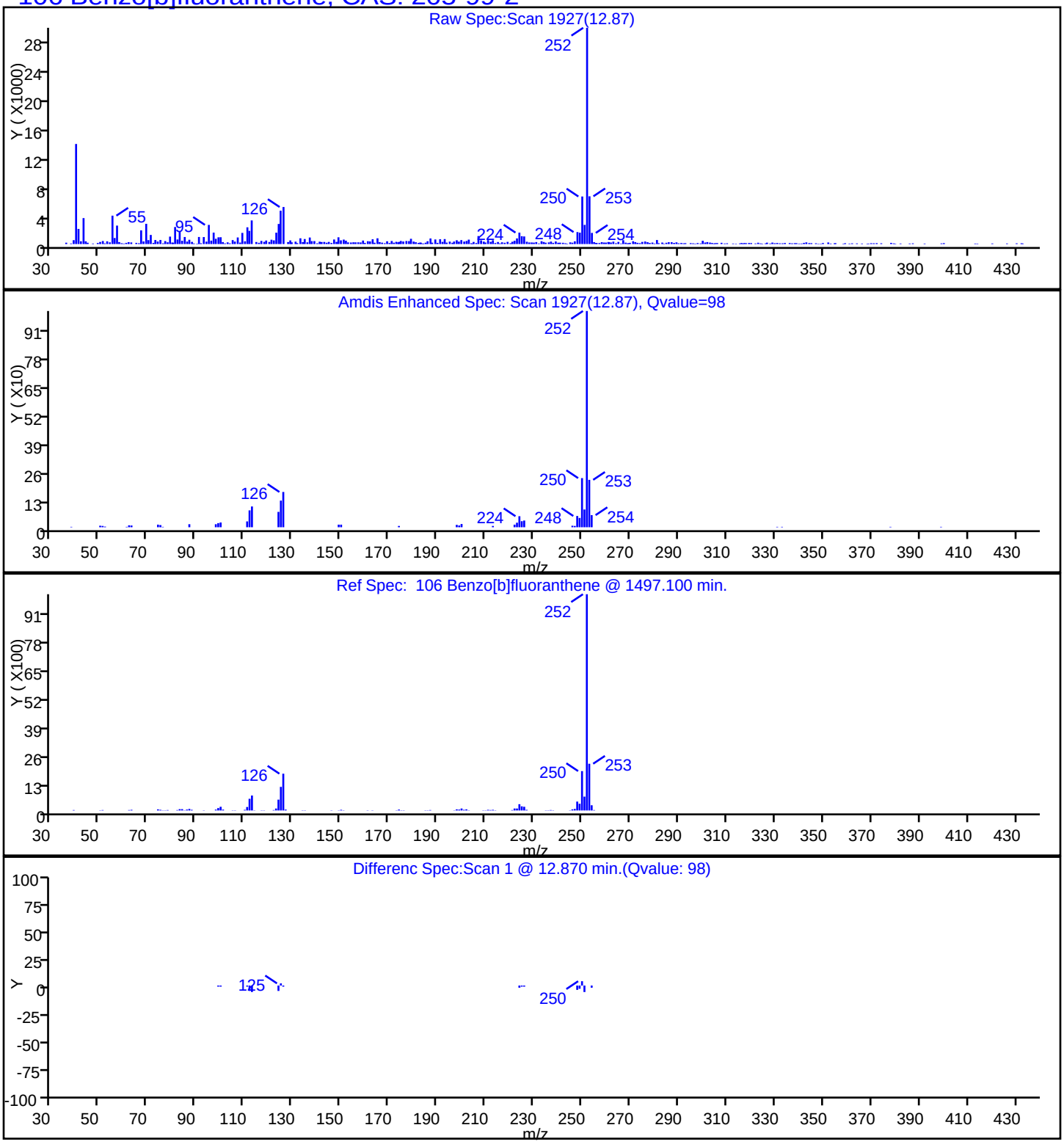
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

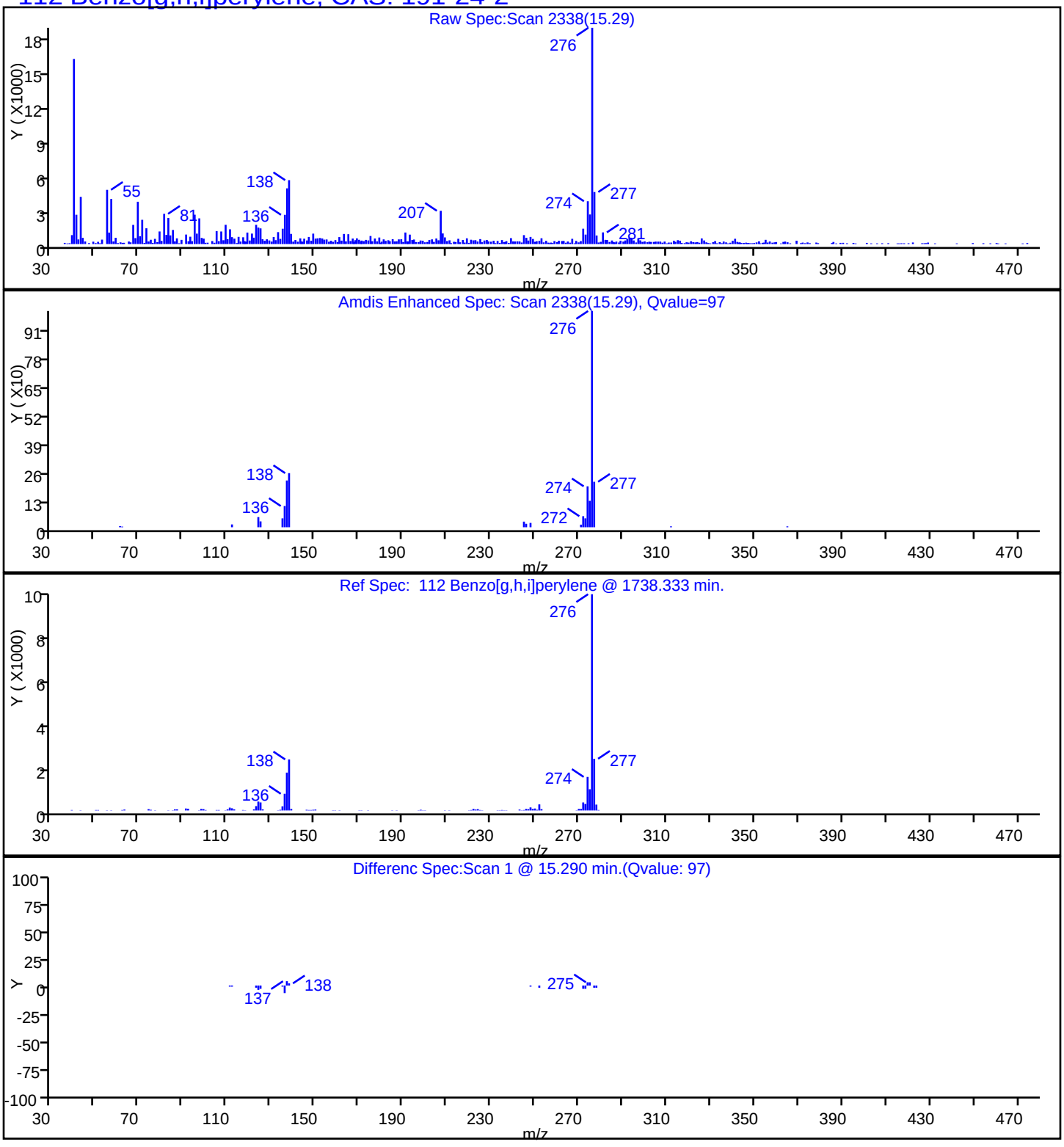


Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

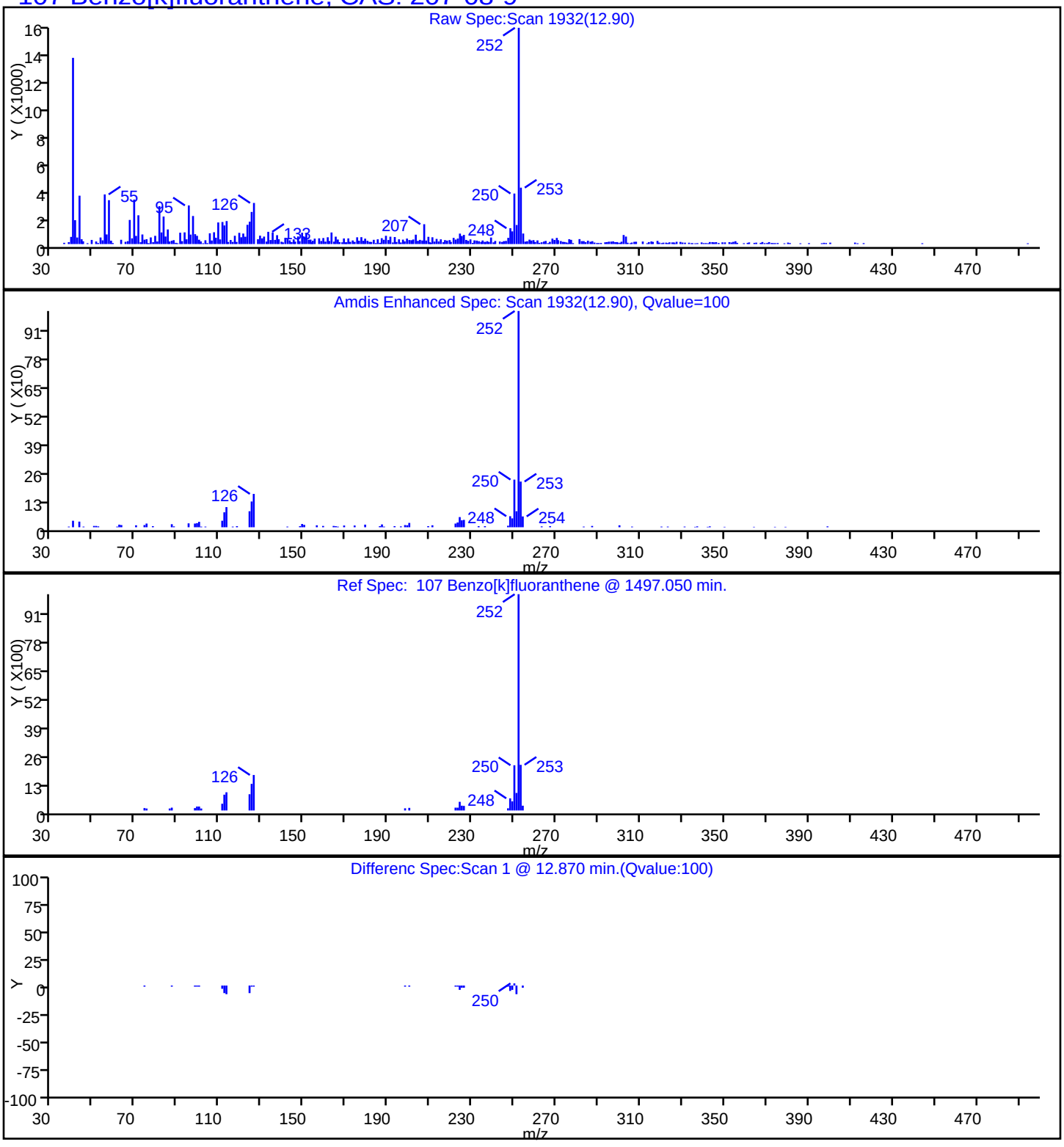


Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



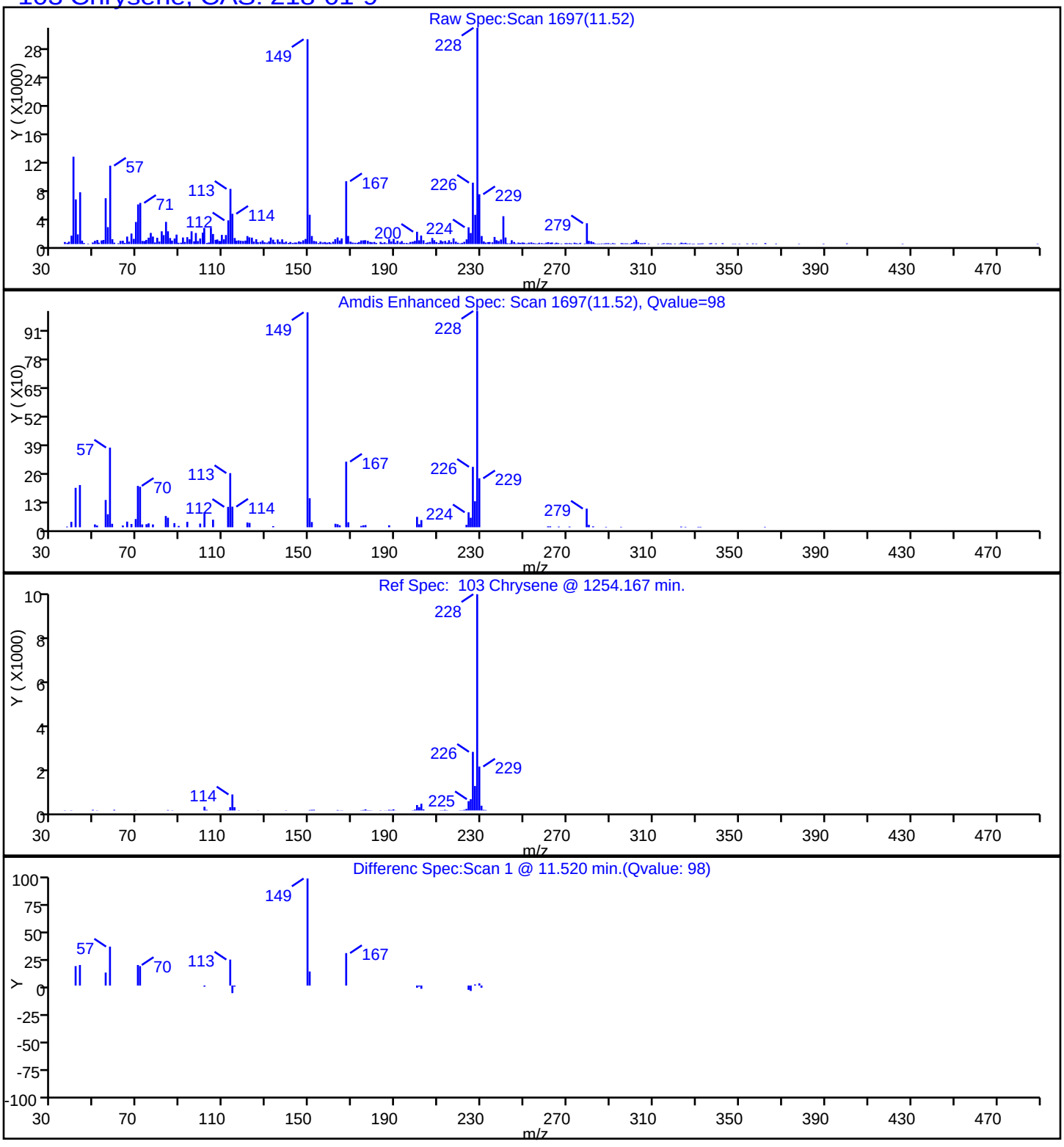
Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

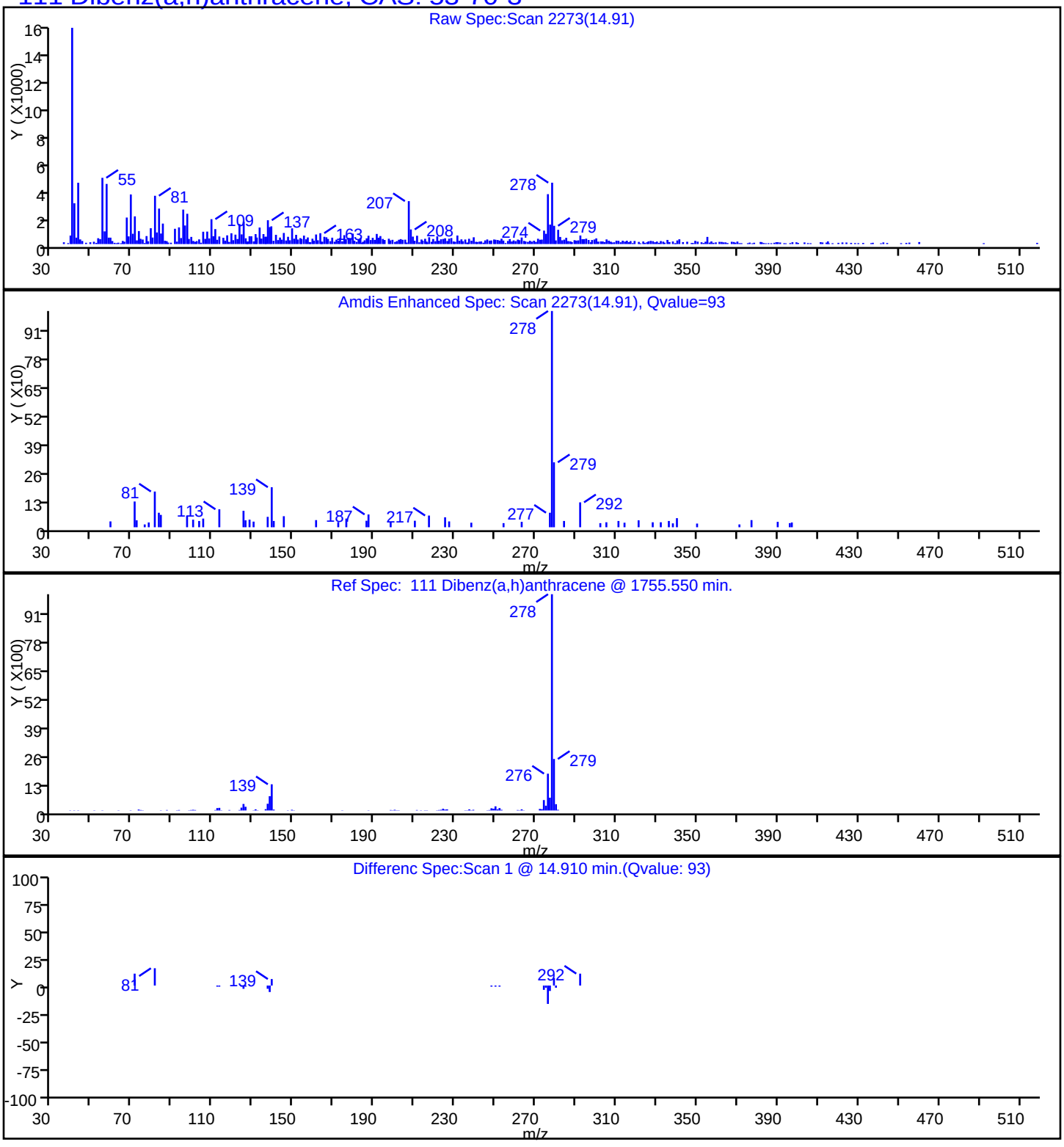


Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

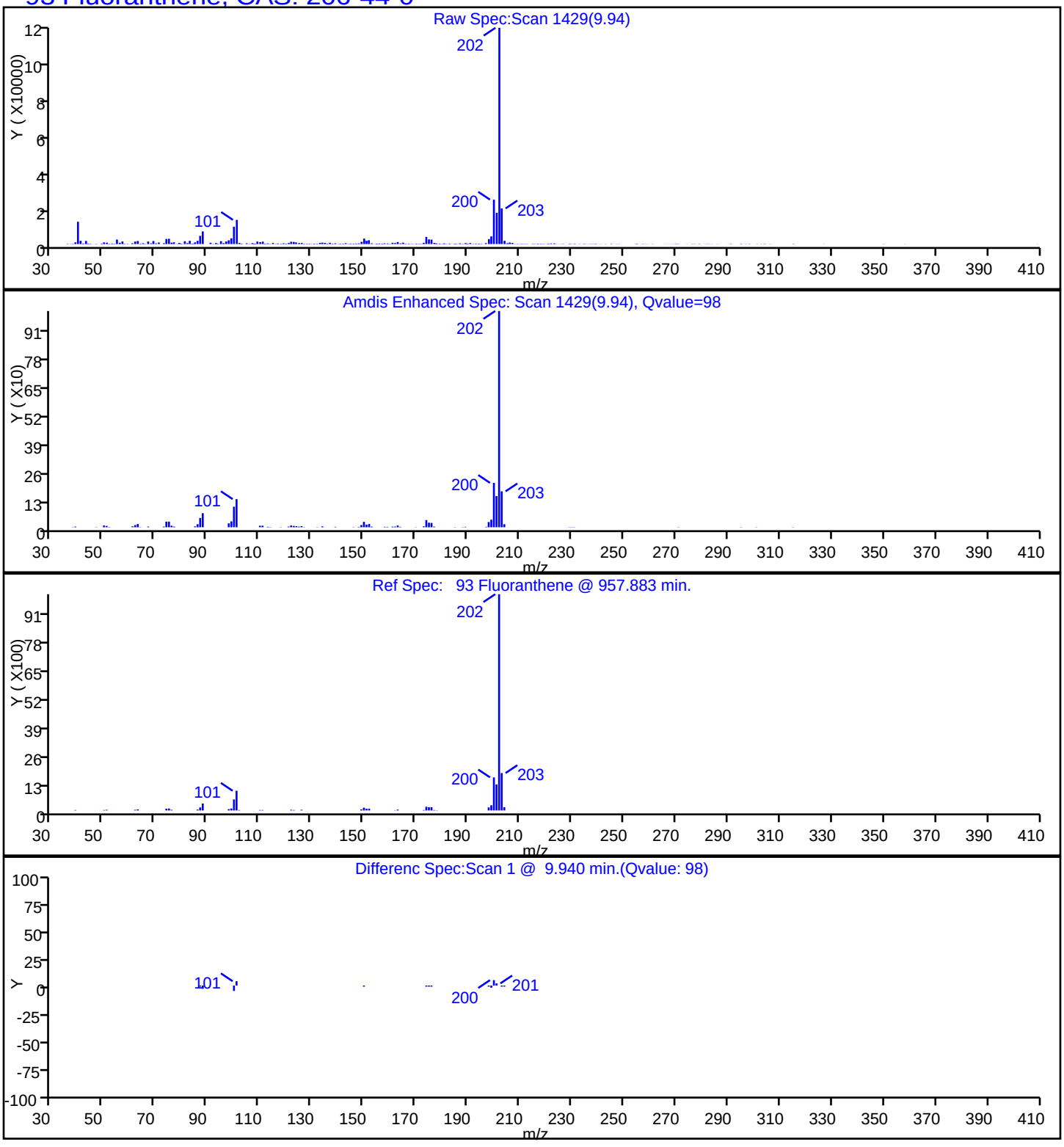


Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

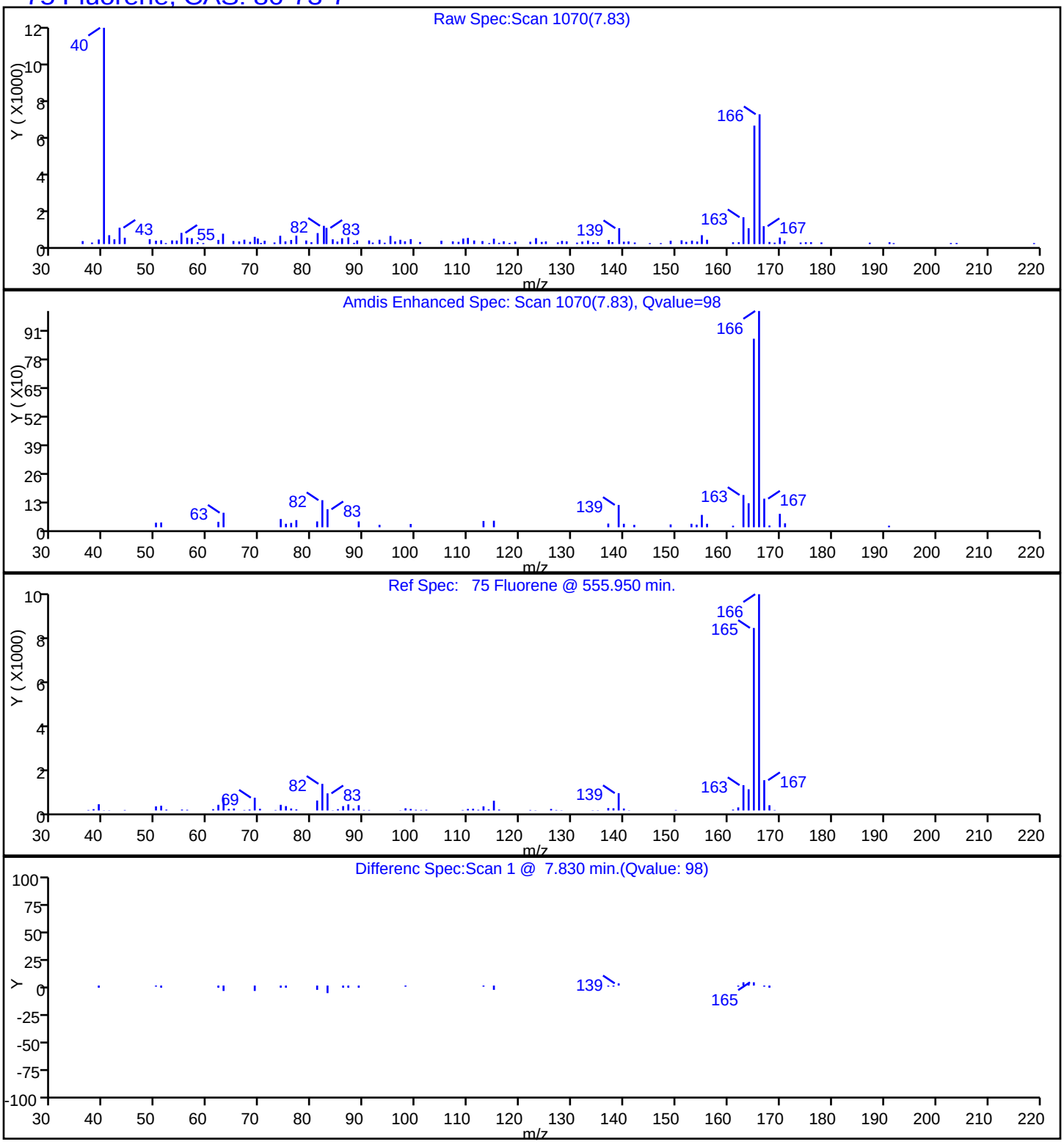


Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7

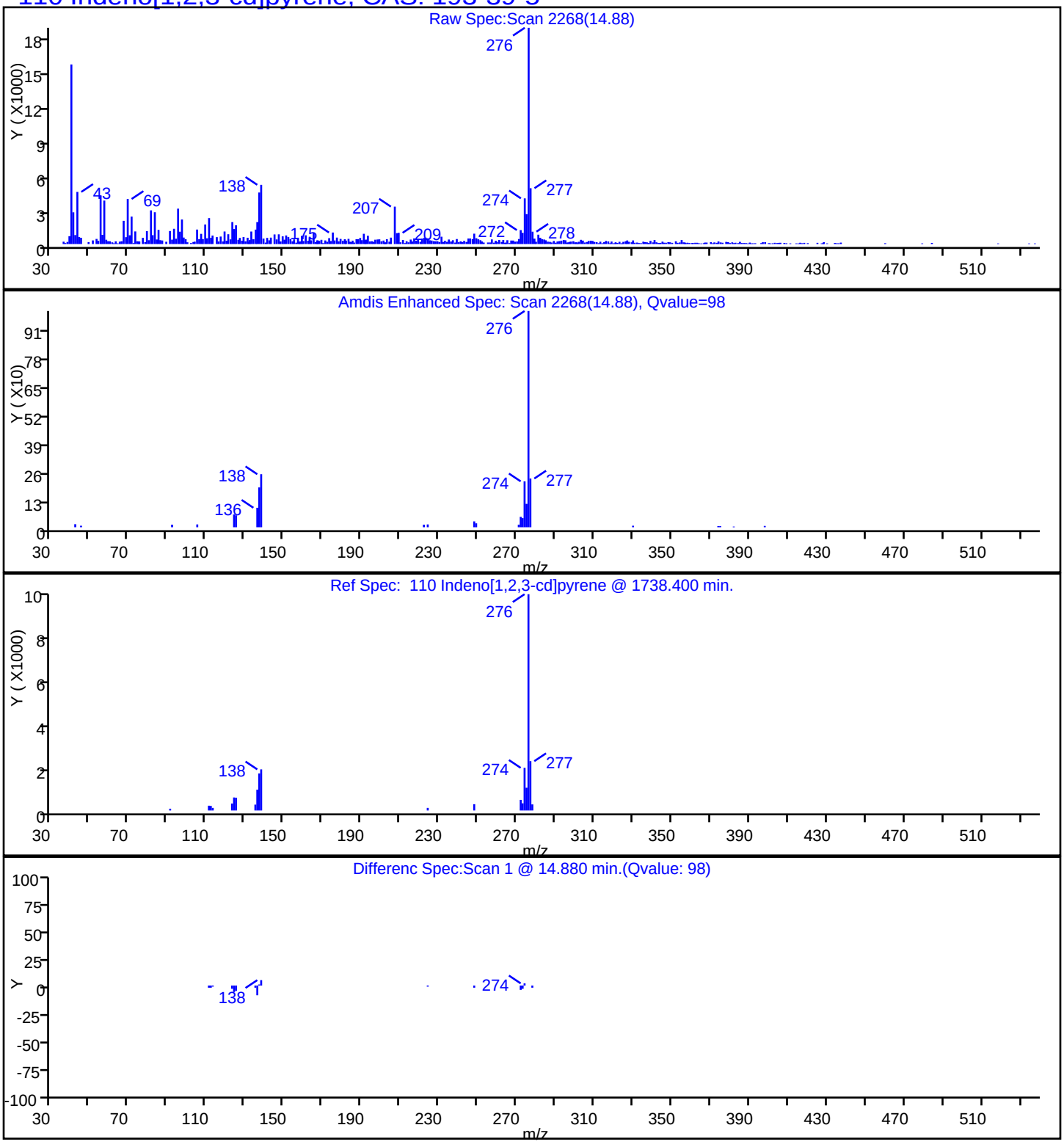


Report Date: 27-May-2015 14:30:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



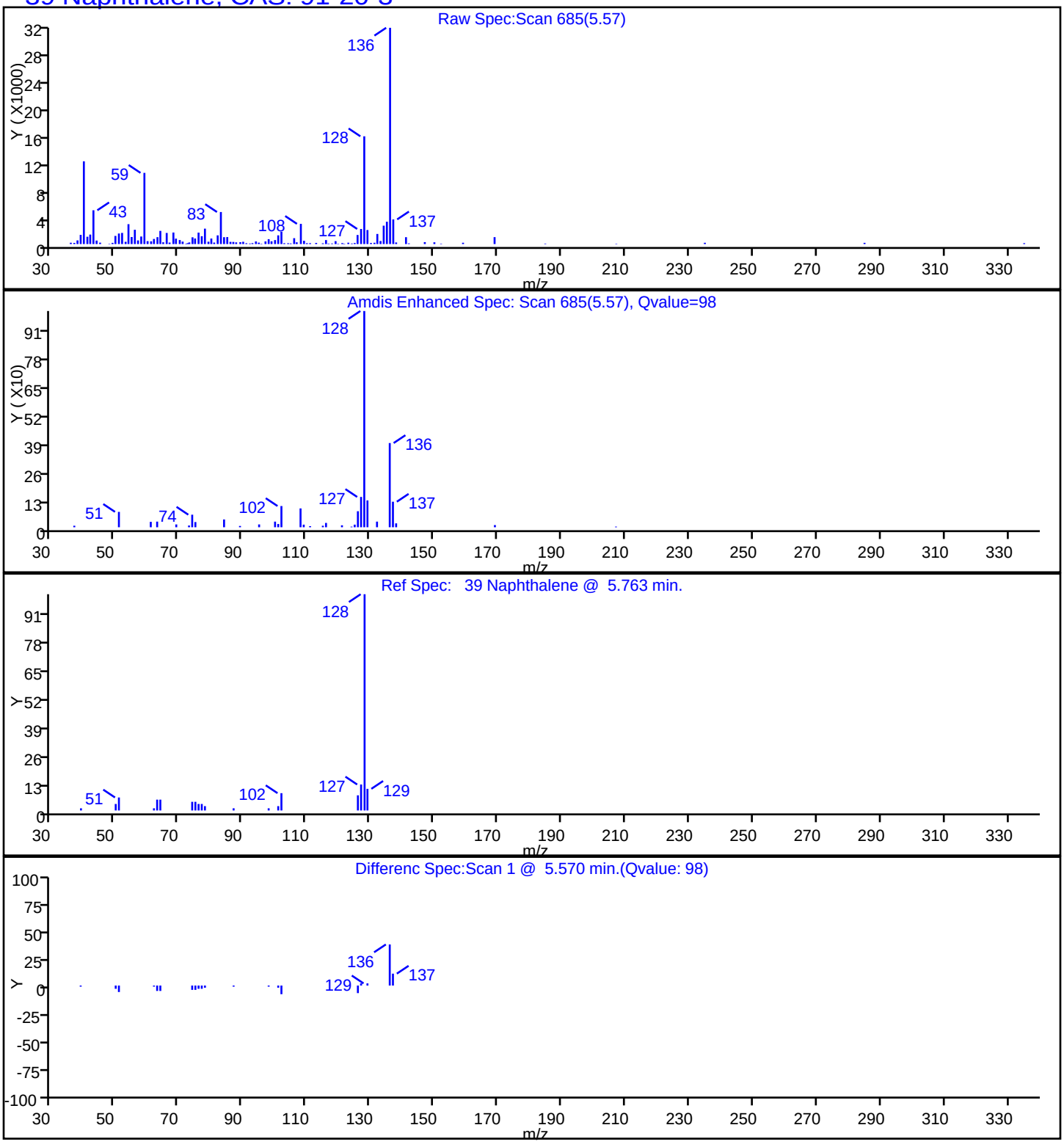
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



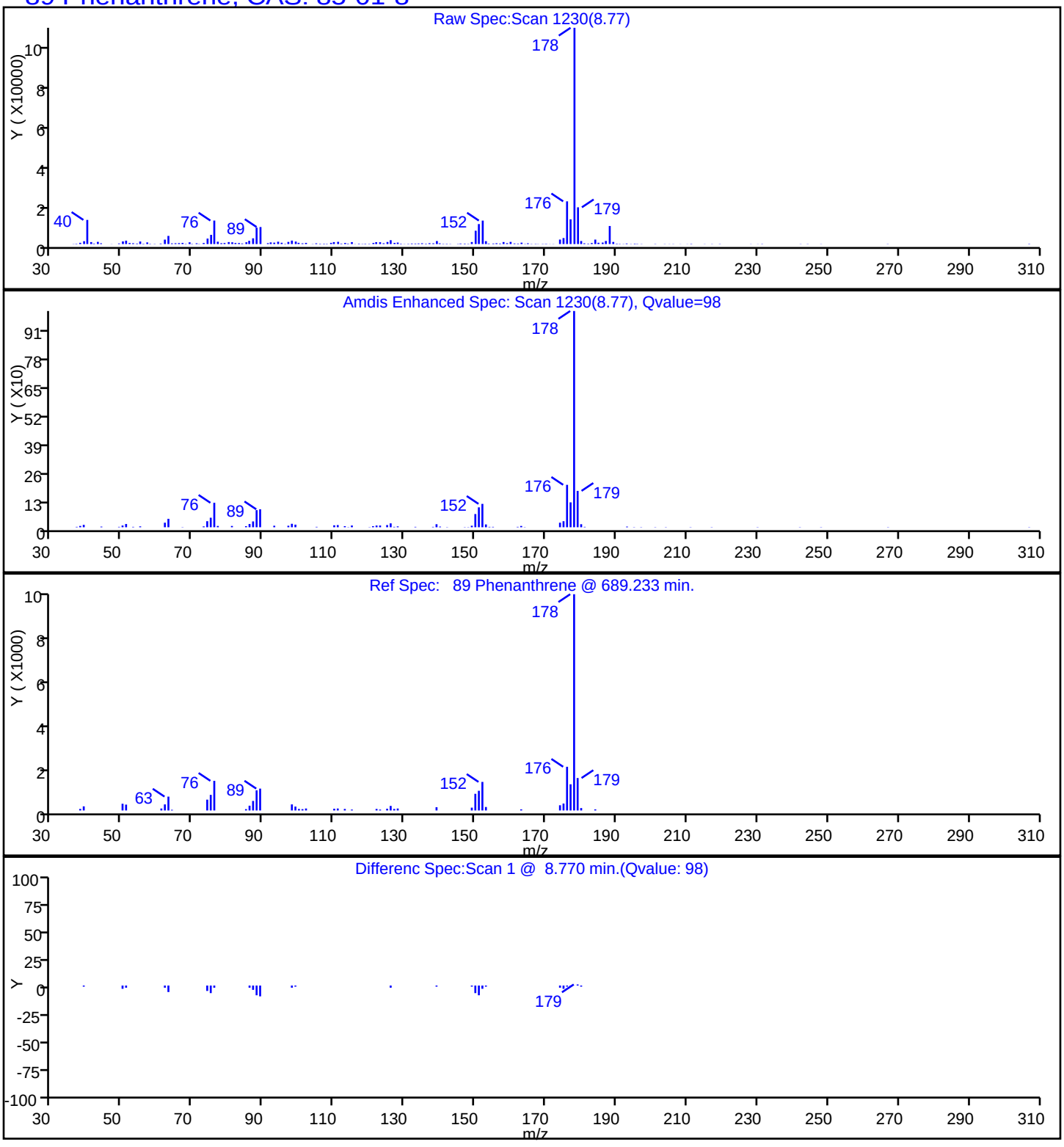
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



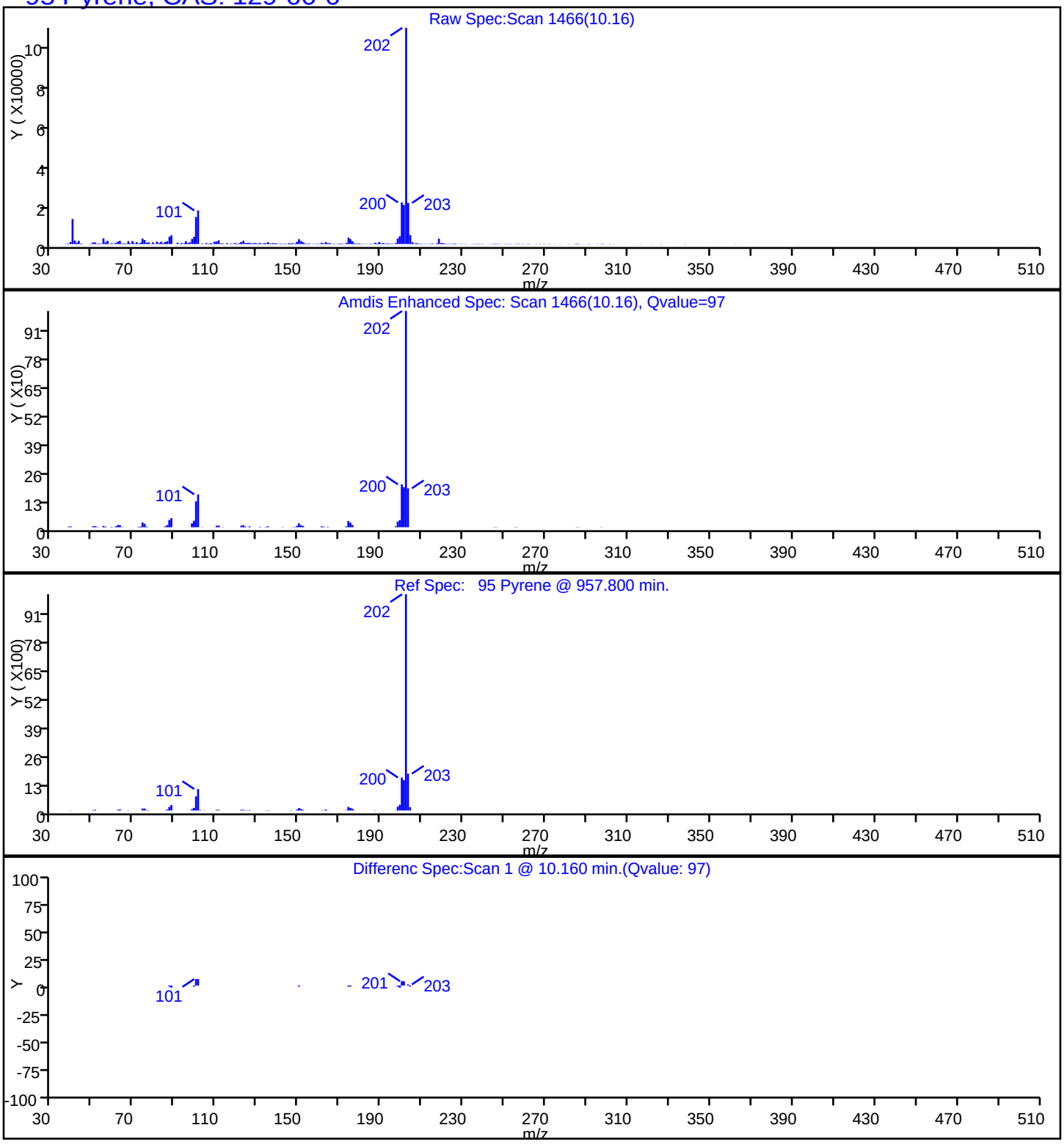
Report Date: 27-May-2015 14:30:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D

Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

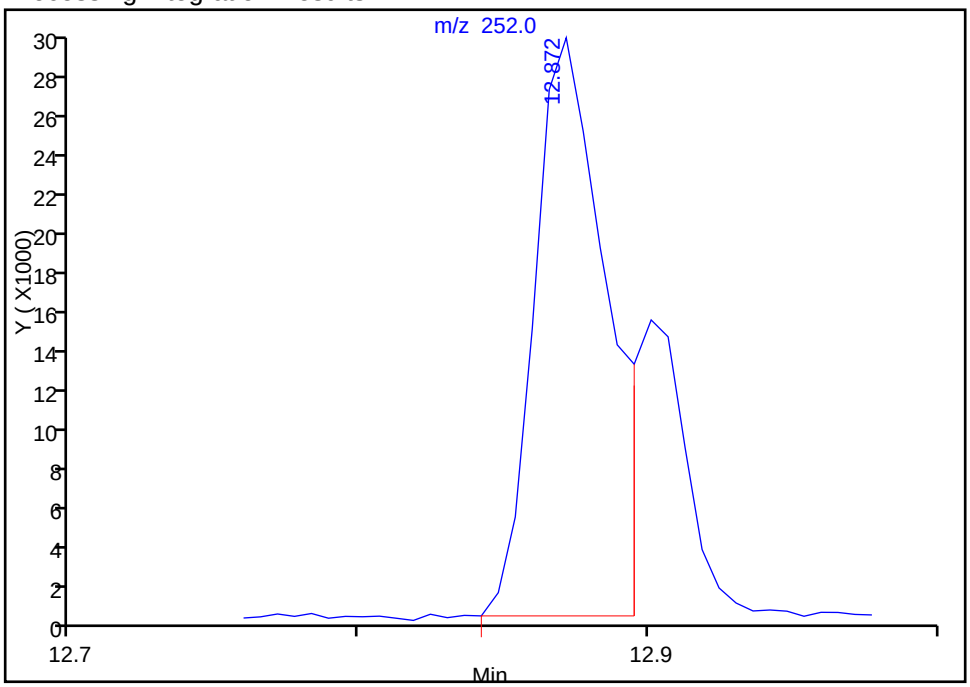
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2633.D				
Injection Date:	27-May-2015 12:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-C	Lab Sample ID:	460-95181-4		
Client ID:	SB-4 (20-23)				
Operator ID:		ALS Bottle#:	29	Worklist Smp#:	29
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

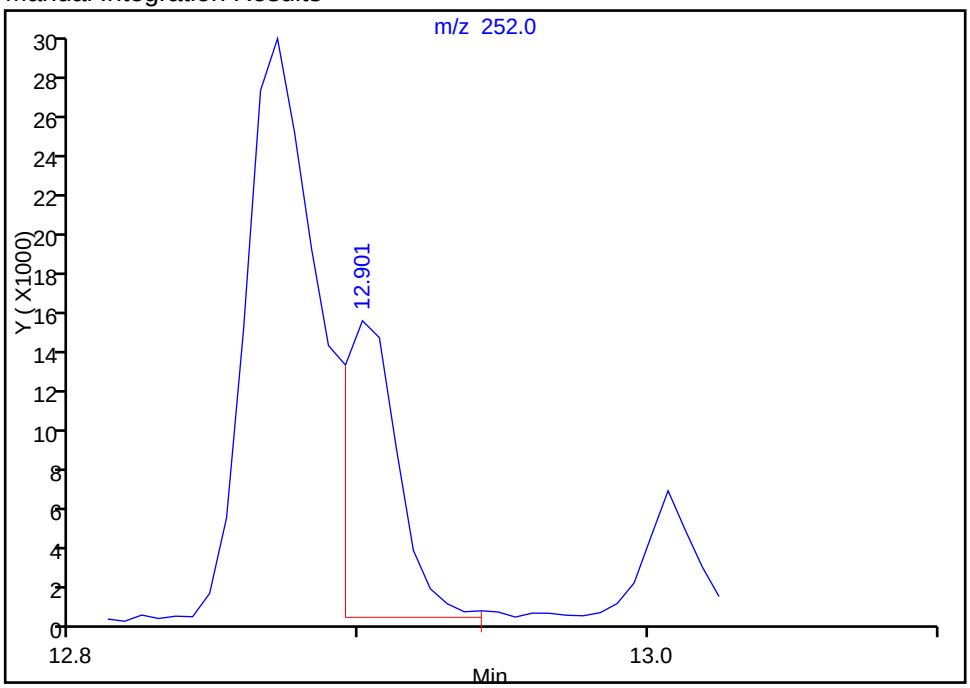
Processing Integration Results

RT: 12.87
Area: 51668
Amount: 3.319691
Amount Units: ug/ml



Manual Integration Results

RT: 12.90
Area: 19991
Amount: 1.284430
Amount Units: ug/ml



Reviewer: szczecha, 27-May-2015 14:30:56
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: DUP 051915 | Lab Sample ID: 460-95181-5

Matrix: Solid | Lab File ID: x2611.D

Analysis Method: 8270D | Date Collected: 05/19/2015 13:00

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0212(g) | Date Analyzed: 05/27/2015 04:36

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	380	U	380	9.1
208-96-8	Acenaphthylene	380	U	380	9.7
120-12-7	Anthracene	380	U	380	36
56-55-3	Benzo[a]anthracene	38	U	38	31
50-32-8	Benzo[a]pyrene	38	U	38	11
205-99-2	Benzo[b]fluoranthene	38	U	38	15
191-24-2	Benzo[g,h,i]perylene	380	U	380	22
207-08-9	Benzo[k]fluoranthene	38	U	38	16
218-01-9	Chrysene	380	U	380	10
53-70-3	Dibenz(a,h)anthracene	38	U *	38	20
206-44-0	Fluoranthene	23	J	380	11
86-73-7	Fluorene	380	U	380	8.2
193-39-5	Indeno[1,2,3-cd]pyrene	38	U *	38	25
91-20-3	Naphthalene	380	U	380	9.6
85-01-8	Phenanthrene	380	U	380	10
129-00-0	Pyrene	23	J	380	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	57		10-120
321-60-8	2-Fluorobiphenyl	62		40-109
367-12-4	2-Fluorophenol (Surr)	54		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	61		38-105
4165-62-2	Phenol-d5 (Surr)	59		41-118
1718-51-0	Terphenyl-d14 (Surr)	82		16-151

Report Date: 27-May-2015 13:49:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2611.D
Lims ID: 460-95181-E-5-A Lab Sample ID: 460-95181-5
Client ID: DUP 051915
Sample Type: Client
Inject. Date: 27-May-2015 04:36:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-007
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:49:06 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:49:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.154	3.002	0.152	94	652292	27.0	
$ 6 Phenol-d5	99	3.948	3.937	0.011	87	852233	29.4	
* 14 1,4-Dichlorobenzene-d4	152	4.284	4.266	0.018	98	651611	40.0	
$ 26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	832356	30.5	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2467182	40.0	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	1454858	30.9	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	93	1237245	40.0	
$ 80 2,4,6-Tribromophenol	330	8.078	8.084	-0.006	94	119076	28.4	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1593159	40.0	
93 Fluoranthene	202	9.954	9.954	0.000	97	11886	0.3016	
95 Pyrene	202	10.172	10.178	-0.006	93	10288	0.3046	
$ 96 Terphenyl-d14	244	10.330	10.330	0.000	99	902916	41.2	
101 Benzo[a]anthracene	228	11.495	11.501	-0.006	92	4633	0.2012	
* 102 Chrysene-d12	240	11.507	11.513	-0.006	99	724053	40.0	
106 Benzo[b]fluoranthene	252	12.889	12.895	-0.006	96	2647	0.1780	
108 Benzo[a]pyrene	252	13.324	13.336	-0.012	75	1323	0.0965	
* 109 Perylene-d12	264	13.413	13.413	0.000	98	472940	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

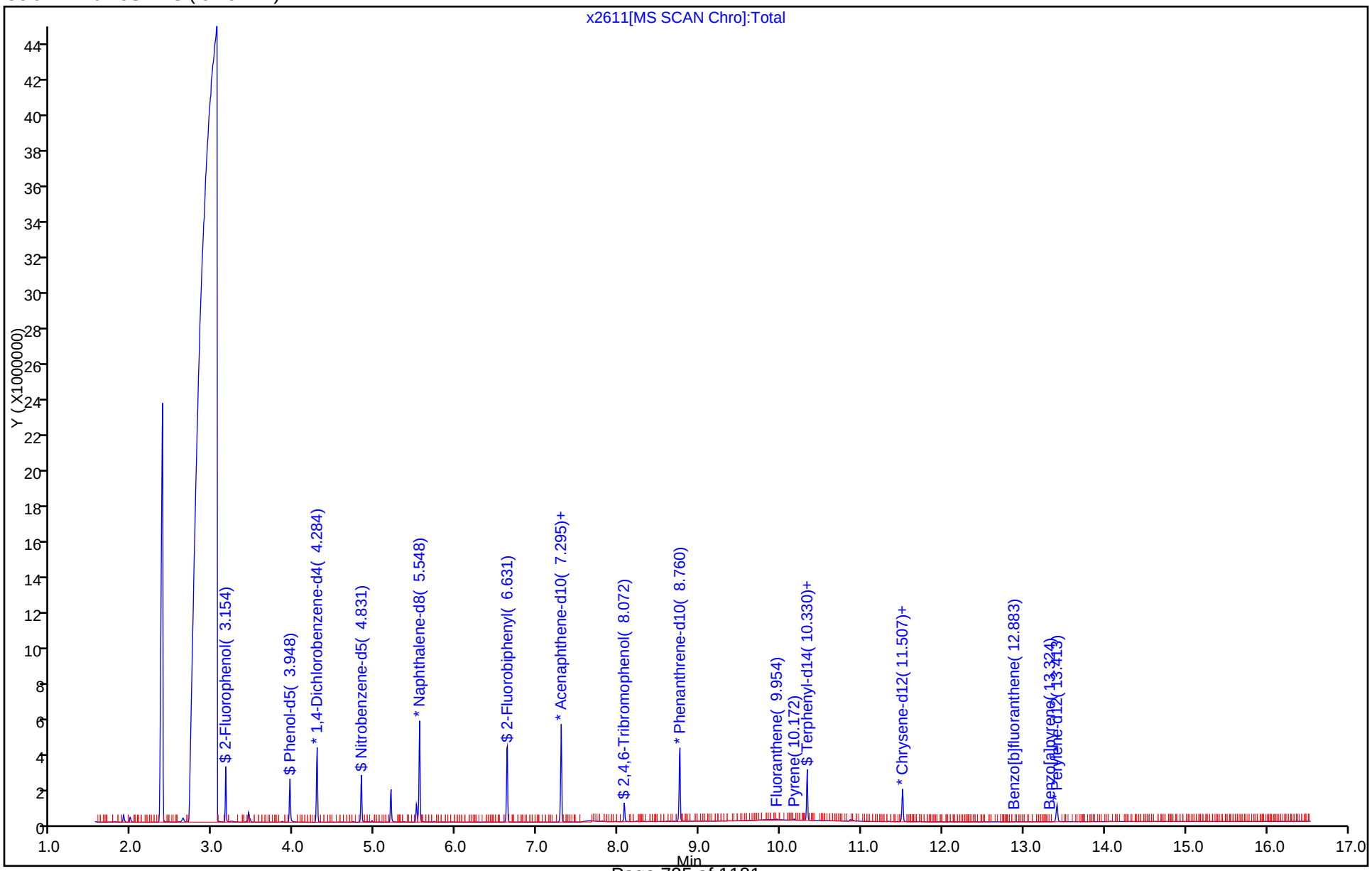
Report Date: 27-May-2015 13:49:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2611.D

Injection Date:	27-May-2015 04:36:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-5-A	Lab Sample ID:	460-95181-5	Worklist Smp#:	7
Client ID:	DUP 051915				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

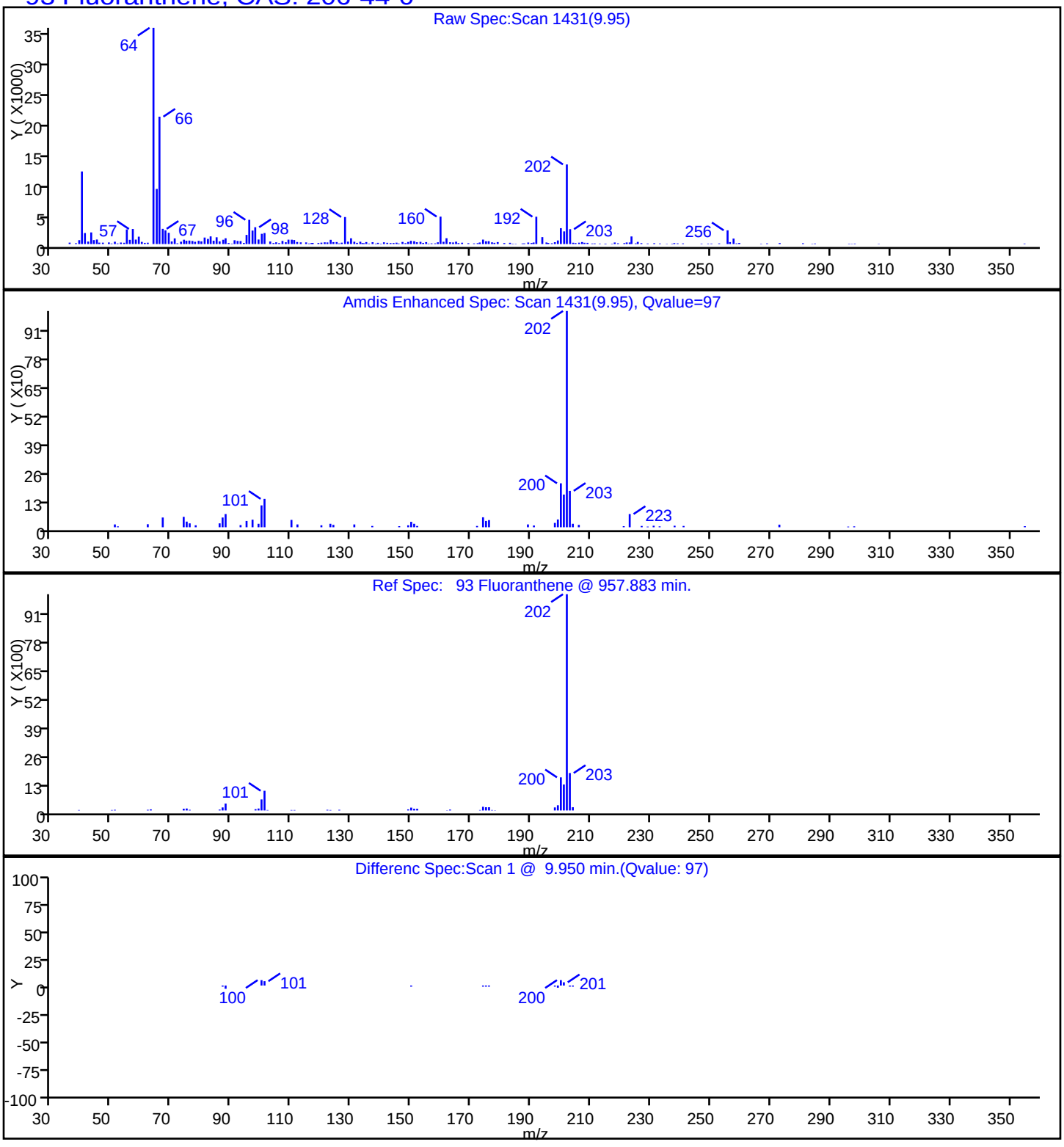


Report Date: 27-May-2015 13:49:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2611.D				
Injection Date:	27-May-2015 04:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



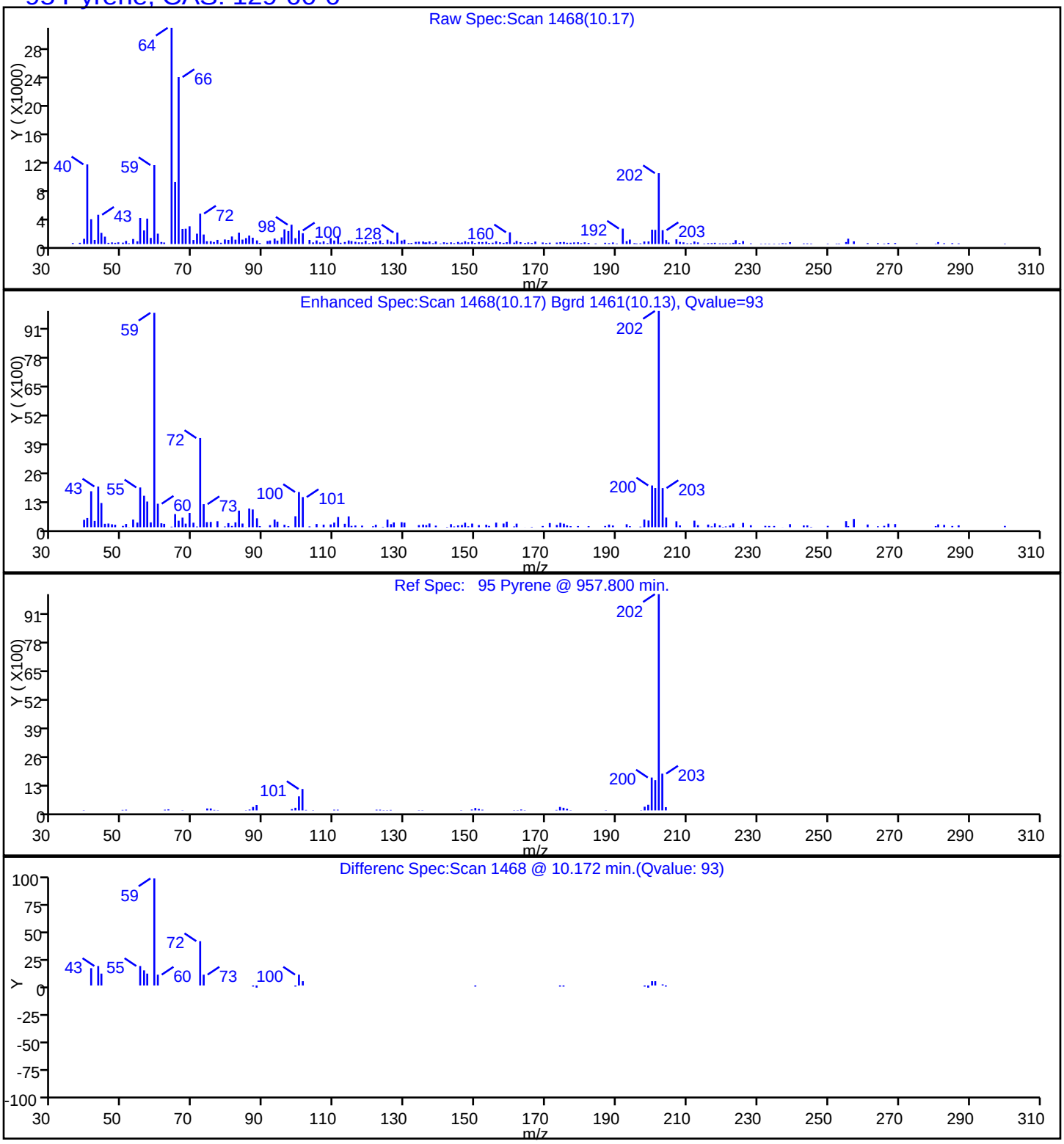
Report Date: 27-May-2015 13:49:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2611.D

Injection Date:	27-May-2015 04:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-5-A	Lab Sample ID:	460-95181-5		
Client ID:	DUP 051915				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-3 (20-22) | Lab Sample ID: 460-95181-6

Matrix: Solid | Lab File ID: x2634.D

Analysis Method: 8270D | Date Collected: 05/19/2015 14:20

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 14.9754(g) | Date Analyzed: 05/27/2015 13:11

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	18	J	730	18
208-96-8	Acenaphthylene	730	U	730	19
120-12-7	Anthracene	730	U	730	69
56-55-3	Benzo[a]anthracene	200		73	61
50-32-8	Benzo[a]pyrene	180		73	22
205-99-2	Benzo[b]fluoranthene	220		73	28
191-24-2	Benzo[g,h,i]perylene	210	J	730	42
207-08-9	Benzo[k]fluoranthene	72	J	73	32
218-01-9	Chrysene	200	J	730	20
53-70-3	Dibenz(a,h)anthracene	56	J *	73	38
206-44-0	Fluoranthene	330	J	730	22
86-73-7	Fluorene	20	J	730	16
193-39-5	Indeno[1,2,3-cd]pyrene	230	*	73	48
91-20-3	Naphthalene	19	J	730	19
85-01-8	Phenanthrene	270	J	730	19
129-00-0	Pyrene	280	J	730	33

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	20		10-120
321-60-8	2-Fluorobiphenyl	62		40-109
367-12-4	2-Fluorophenol (Surr)	46		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	51		38-105
4165-62-2	Phenol-d5 (Surr)	45		41-118
1718-51-0	Terphenyl-d14 (Surr)	60		16-151

Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D
Lims ID: 460-95181-E-6-A Lab Sample ID: 460-95181-6
Client ID: SB-3 (20-22)
Sample Type: Client
Inject. Date: 27-May-2015 13:11:30 ALS Bottle#: 30 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 2.0000
Sample Info: 460-0027826-030
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 14:32:03 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:32:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.043	3.002	0.041	93	274727	11.4	
$ 6 Phenol-d5	99	3.925	3.937	-0.012	87	327182	11.3	
* 14 1,4-Dichlorobenzene-d4	152	4.272	4.266	0.006	98	650952	40.0	
$ 26 Nitrobenzene-d5	82	4.819	4.831	-0.012	89	310500	12.8	
* 38 Naphthalene-d8	136	5.542	5.542	0.000	100	2196626	40.0	
39 Naphthalene	128	5.566	5.572	-0.006	96	7917	0.1294	
$ 51 2-Fluorobiphenyl	172	6.625	6.637	-0.012	98	506648	15.4	
* 65 Acenaphthene-d10	164	7.289	7.295	-0.006	93	864058	40.0	
67 Acenaphthene	154	7.319	7.337	-0.018	86	3262	0.1210	
75 Fluorene	166	7.830	7.842	-0.012	95	3632	0.1347	
$ 80 2,4,6-Tribromophenol	330	8.072	8.084	-0.012	93	14303	4.88	
* 88 Phenanthrene-d10	188	8.748	8.760	-0.012	99	854069	40.0	
89 Phenanthrene	178	8.772	8.789	-0.017	98	45852	1.82	
90 Anthracene	178	8.819	8.836	-0.017	94	9419	0.3681	7
93 Fluoranthene	202	9.936	9.954	-0.018	98	47944	2.27	
95 Pyrene	202	10.160	10.178	-0.018	96	38954	1.91	
$ 96 Terphenyl-d14	244	10.319	10.330	-0.011	99	199547	15.1	
101 Benzo[a]anthracene	228	11.477	11.501	-0.024	98	18570	1.34	
* 102 Chrysene-d12	240	11.489	11.513	-0.024	99	436862	40.0	
103 Chrysene	228	11.518	11.548	-0.030	97	17824	1.39	
106 Benzo[b]fluoranthene	252	12.871	12.895	-0.024	98	22839	1.53	
107 Benzo[k]fluoranthene	252	12.907	12.930	-0.023	95	8250	0.4924	
108 Benzo[a]pyrene	252	13.307	13.336	-0.029	97	16603	1.20	
* 109 Perylene-d12	264	13.395	13.413	-0.018	98	475444	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.877	14.918	-0.041	97	14748	1.54	
111 Dibenz(a,h)anthracene	278	14.906	14.948	-0.042	94	3845	0.3809	
112 Benzo[g,h,i]perylene	276	15.289	15.330	-0.041	96	15939	1.46	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

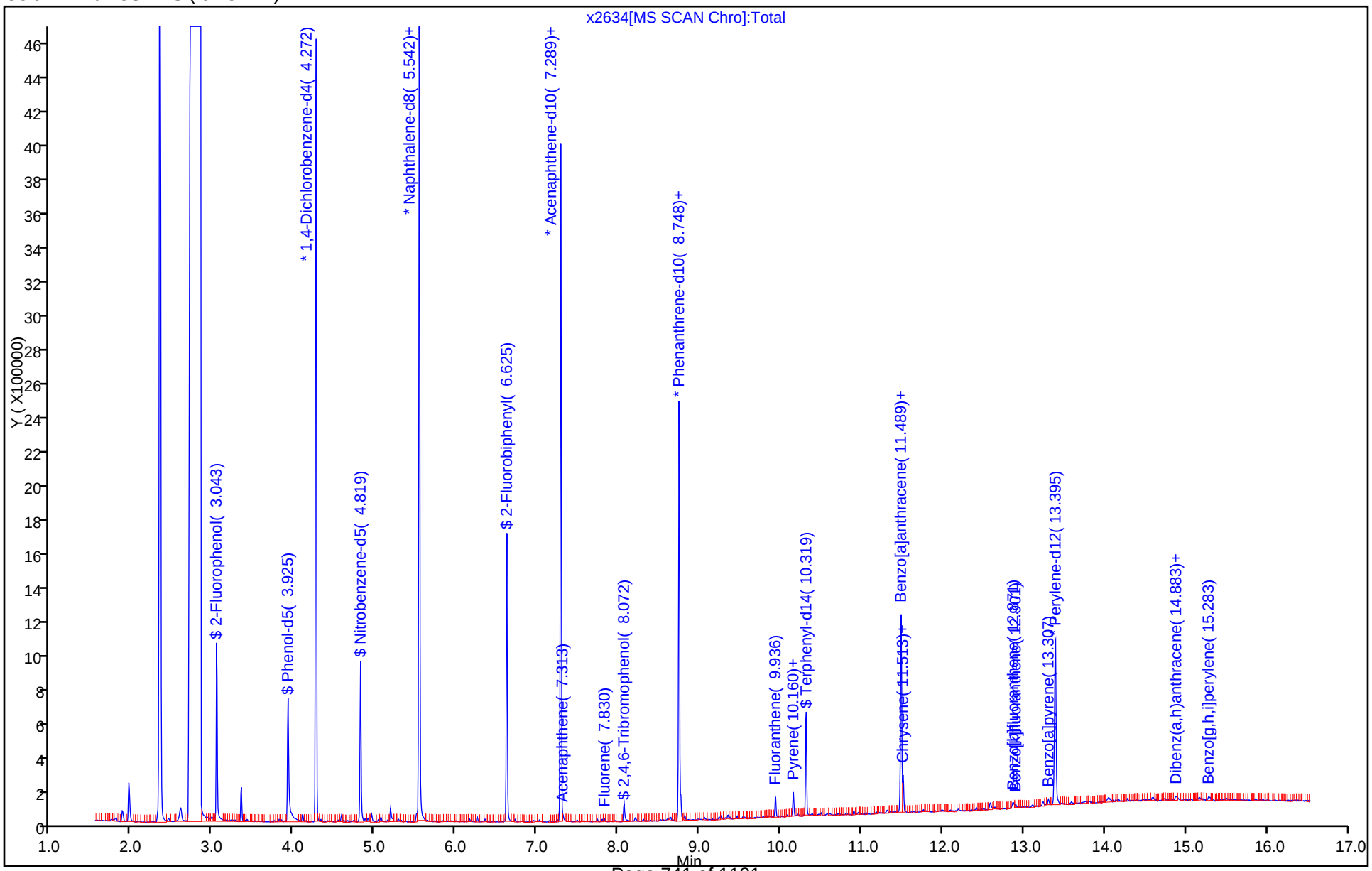
Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6	Worklist Smp#:	30
Client ID:	SB-3 (20-22)				
Injection Vol:	1.0 ul	Dil. Factor:	2.0000	ALS Bottle#:	30
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

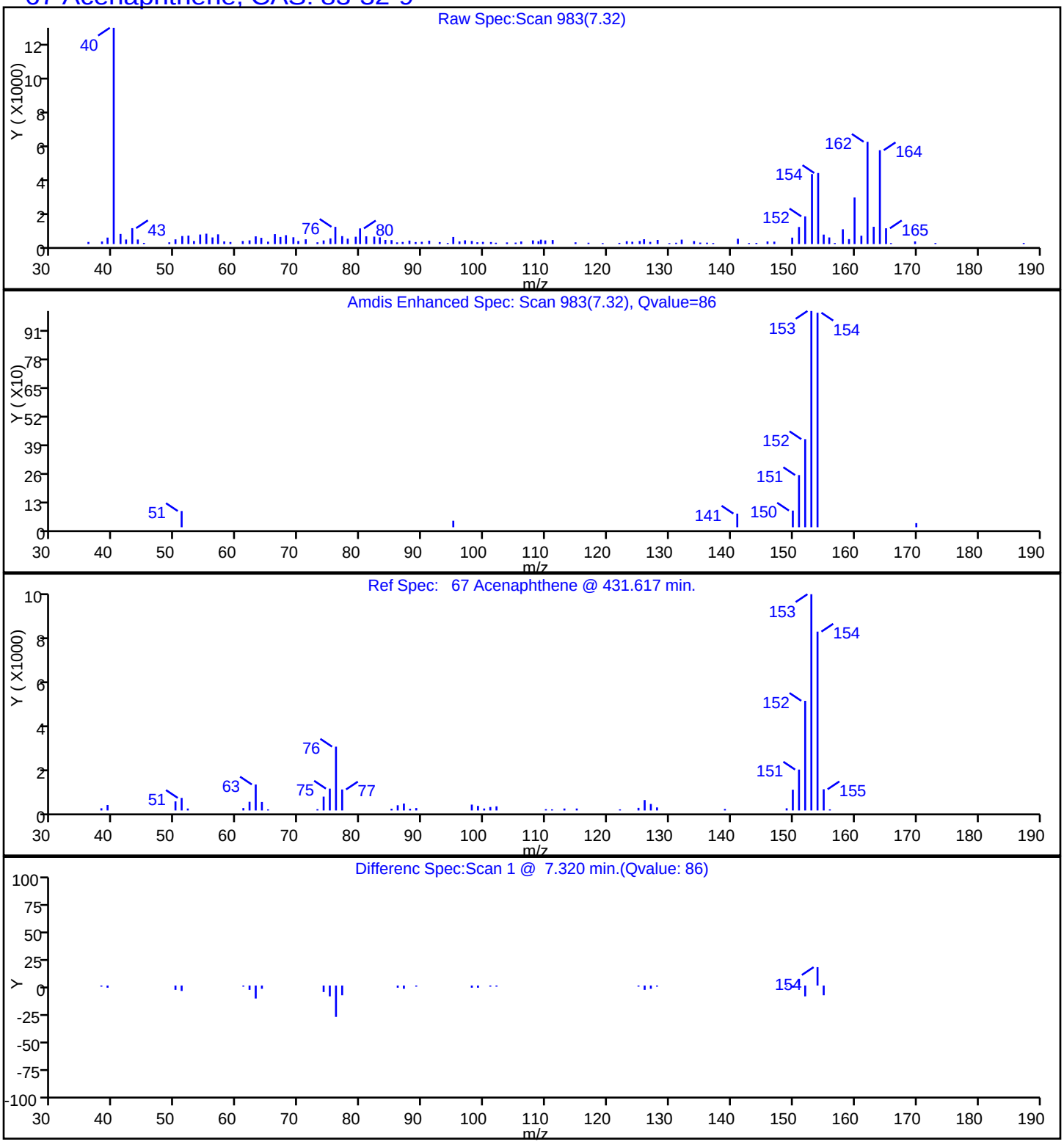


Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

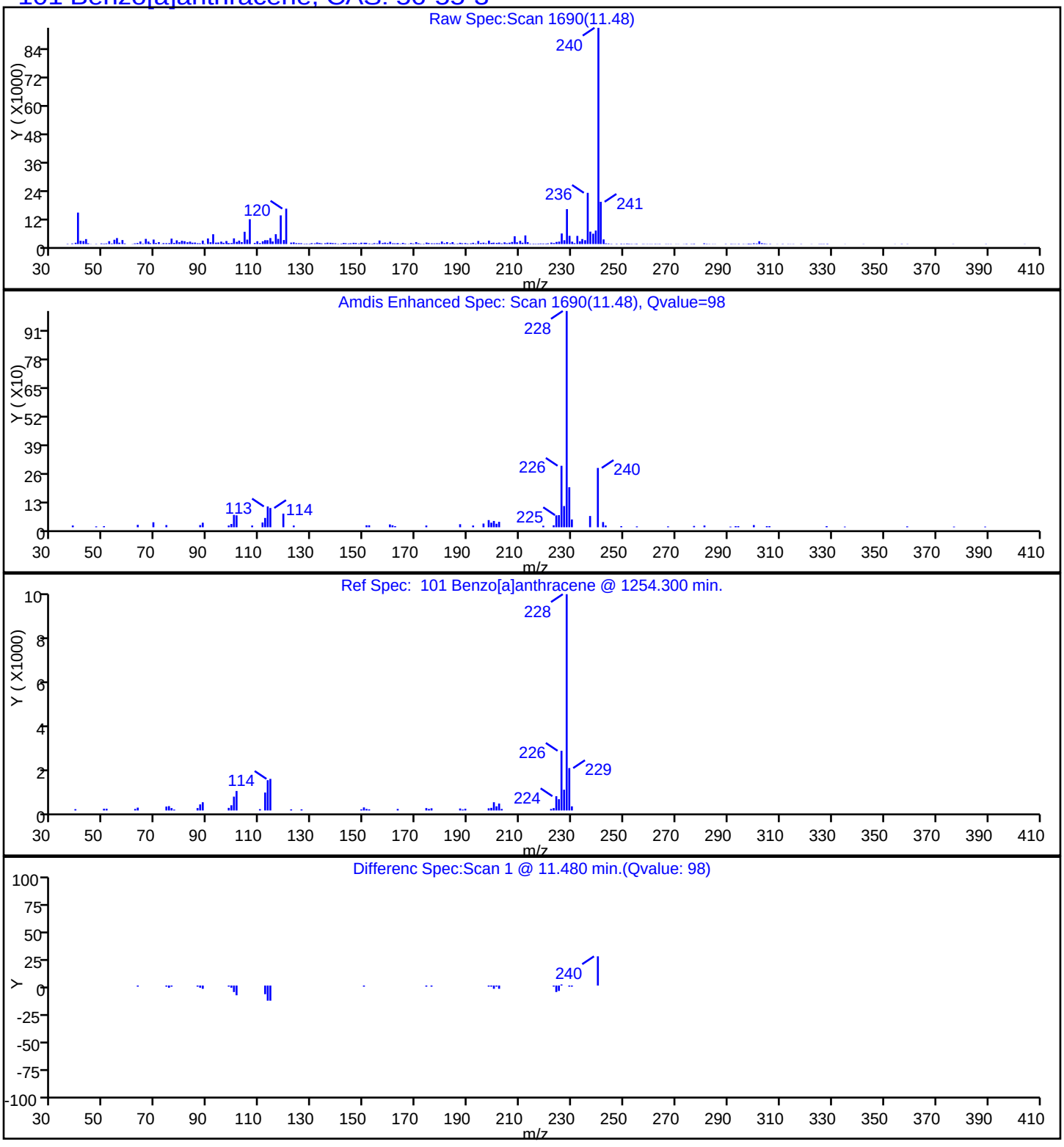


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



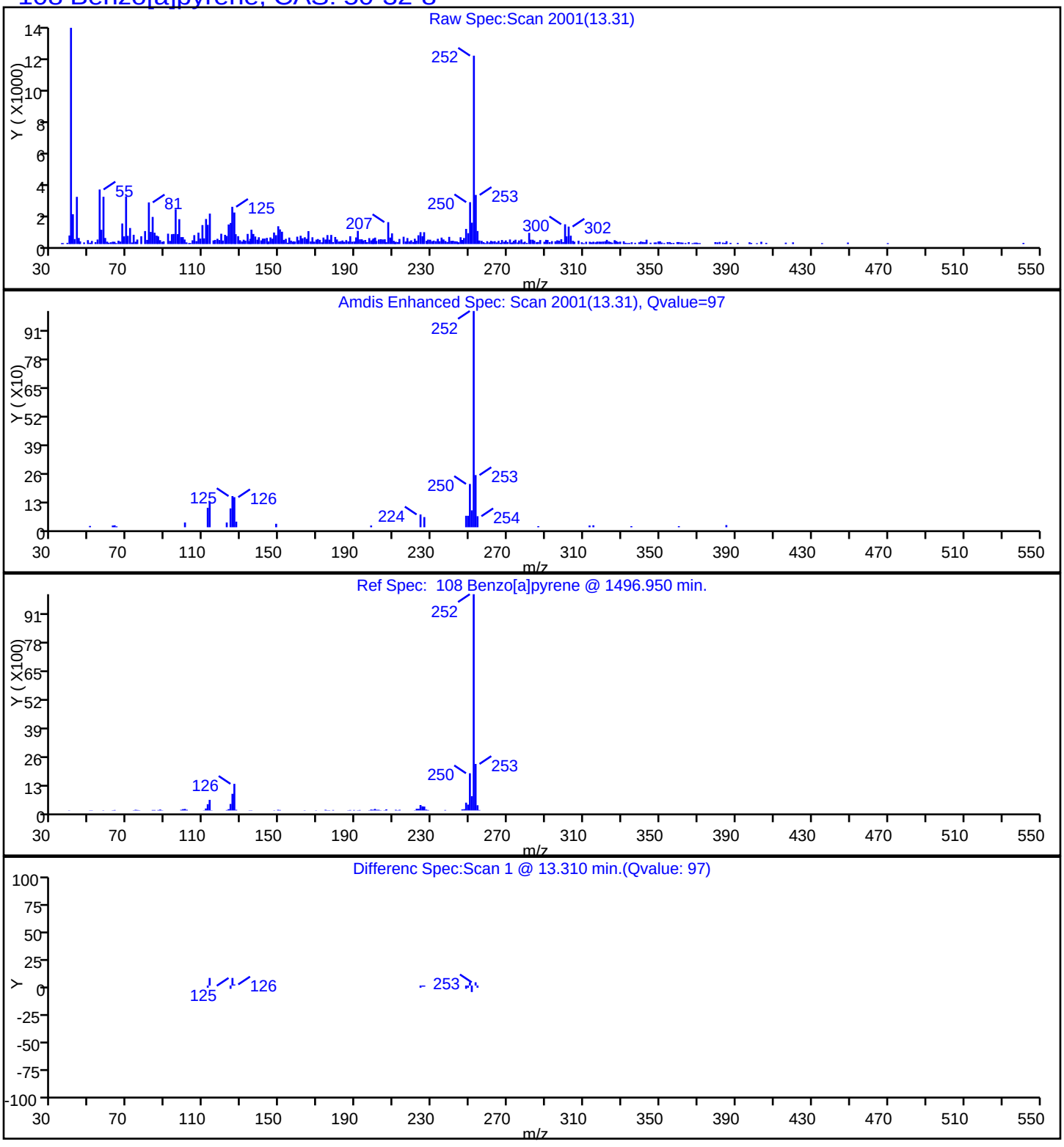
Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

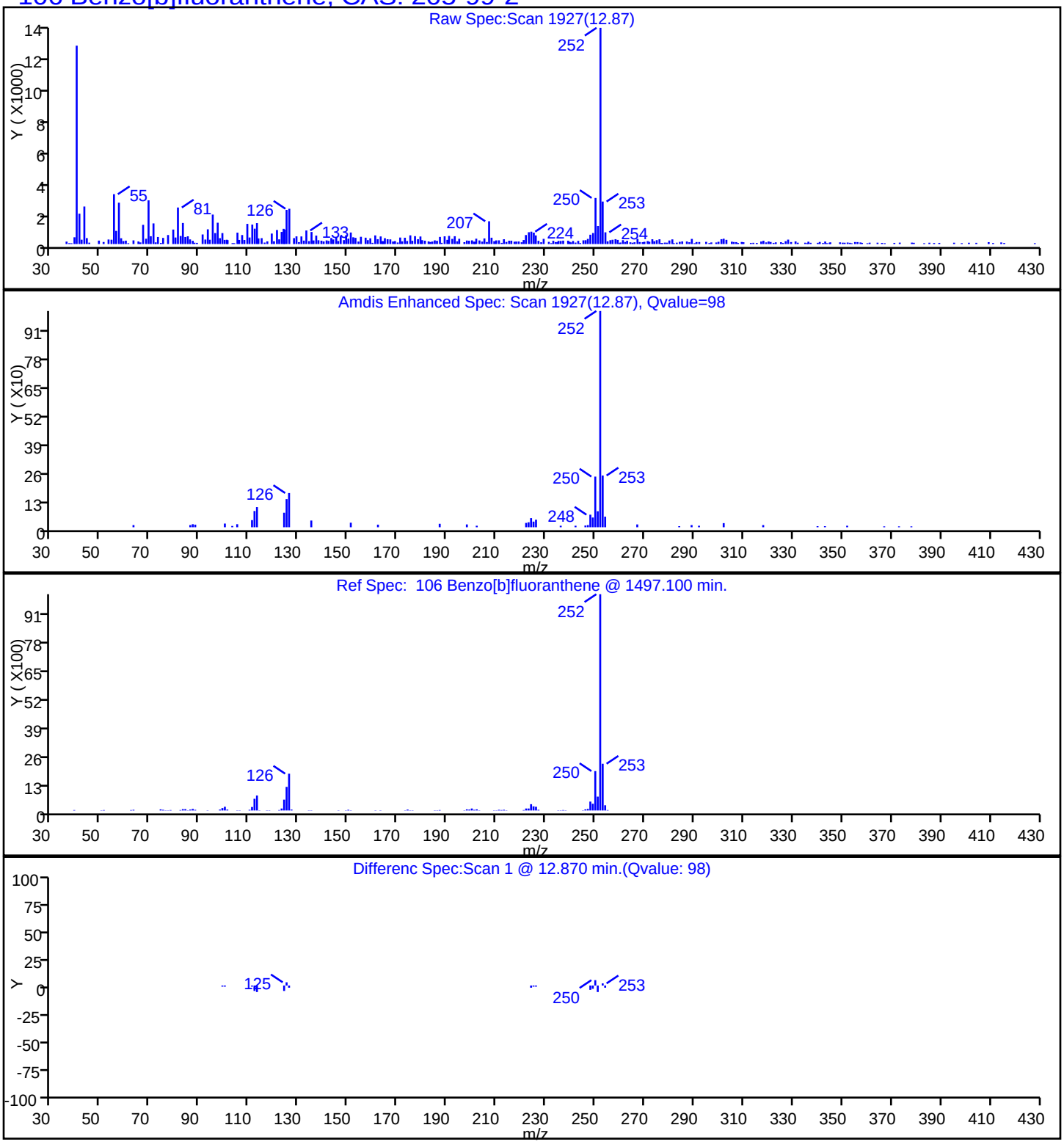


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

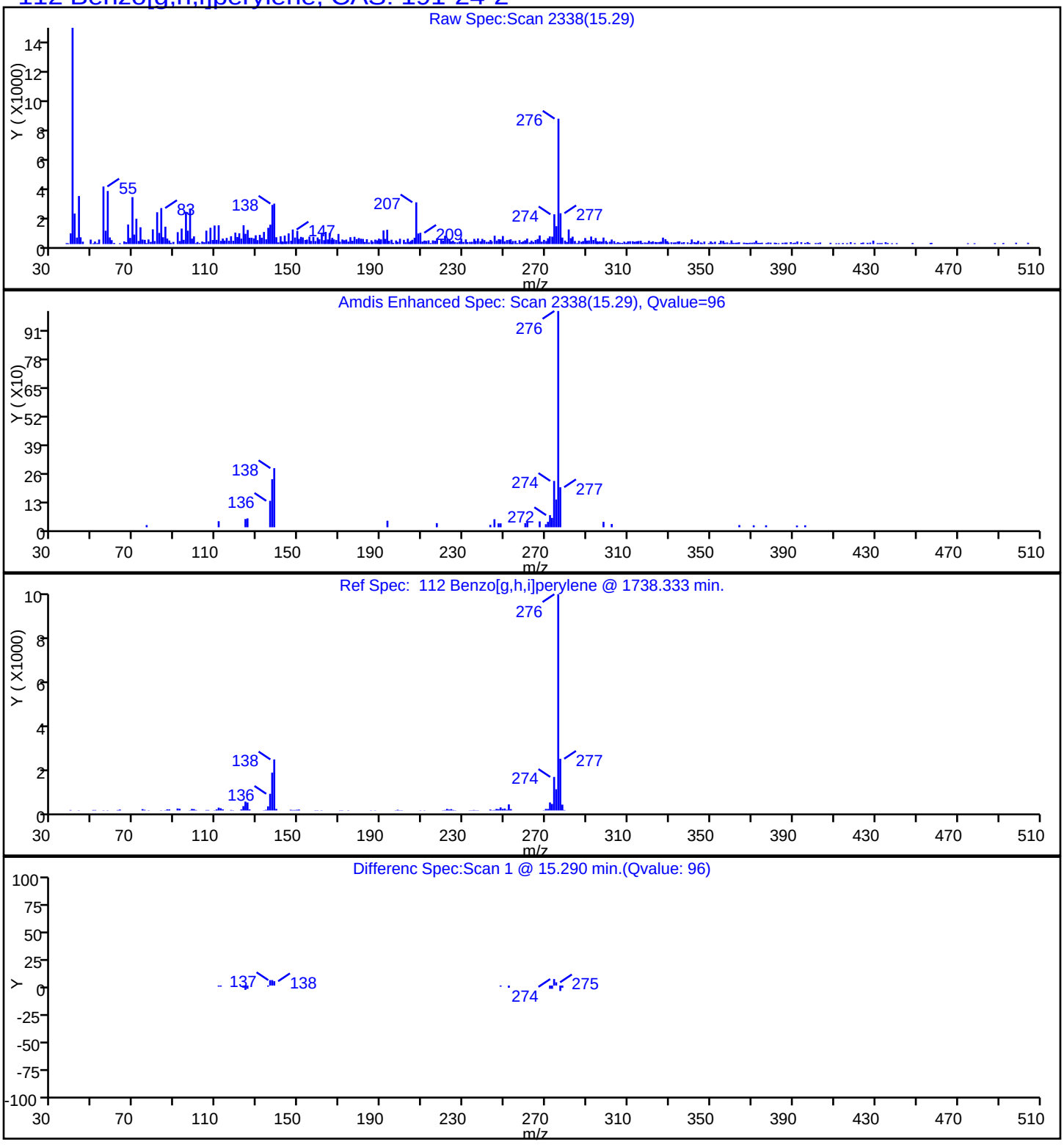


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

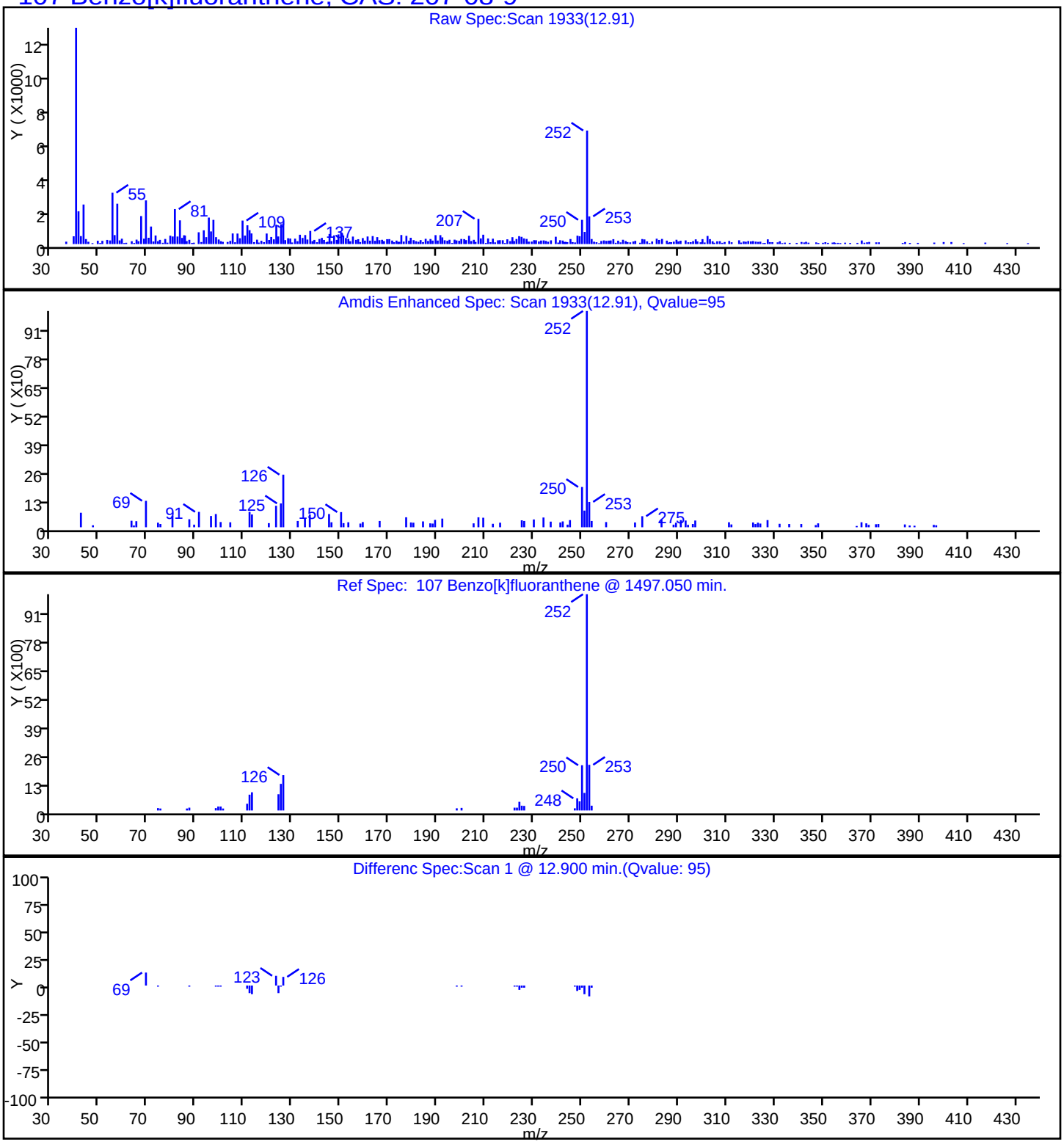


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



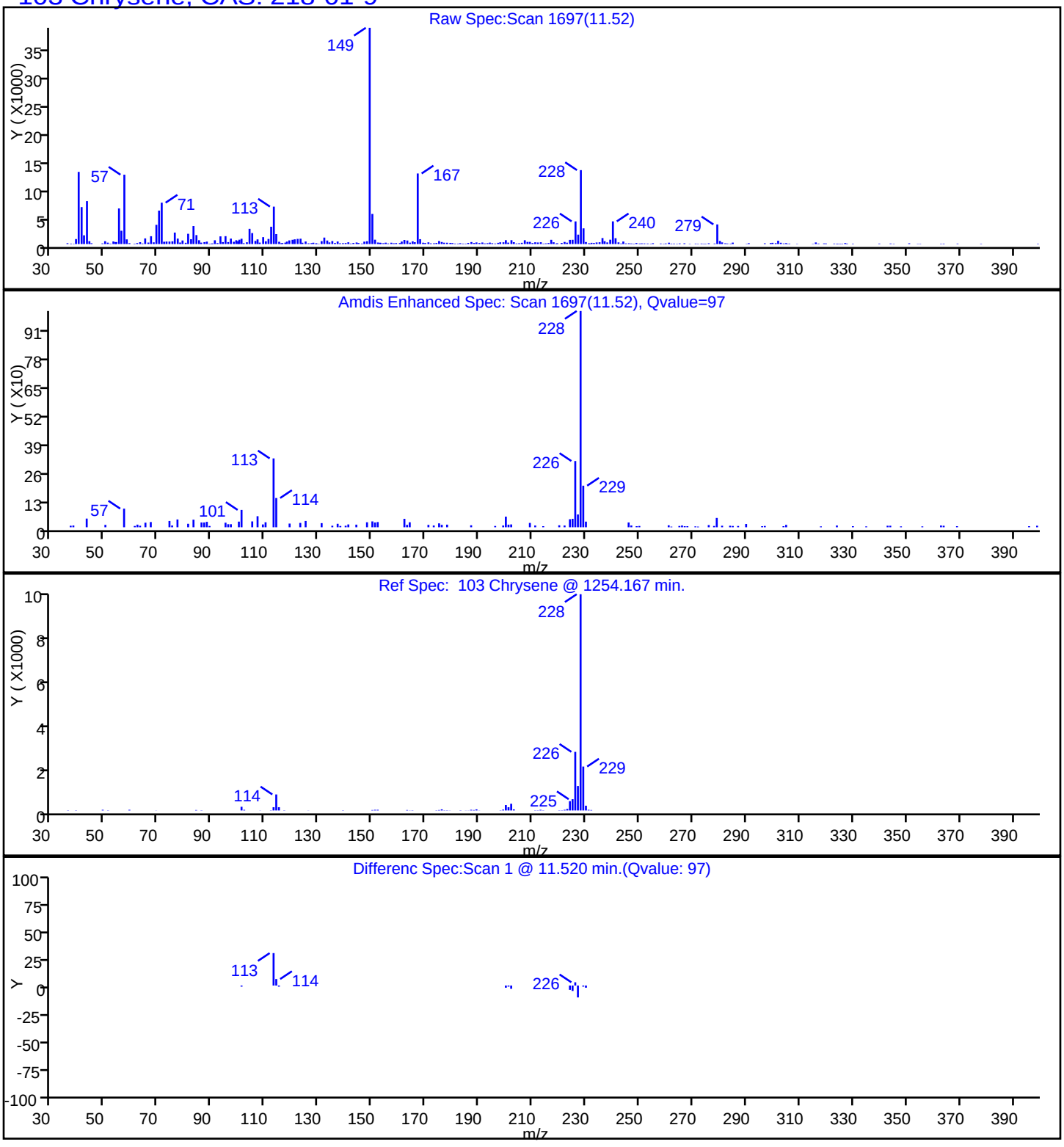
Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

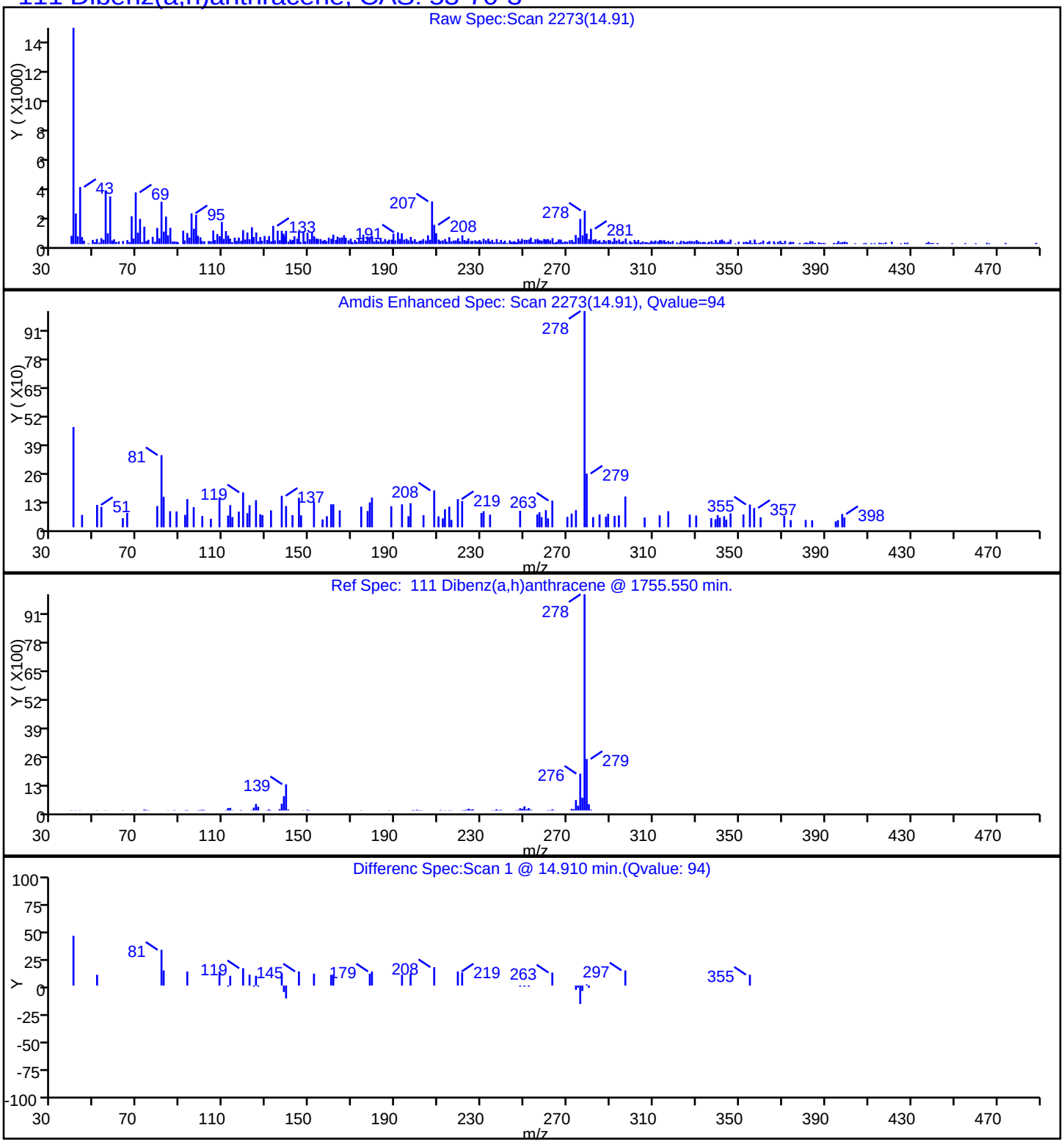


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

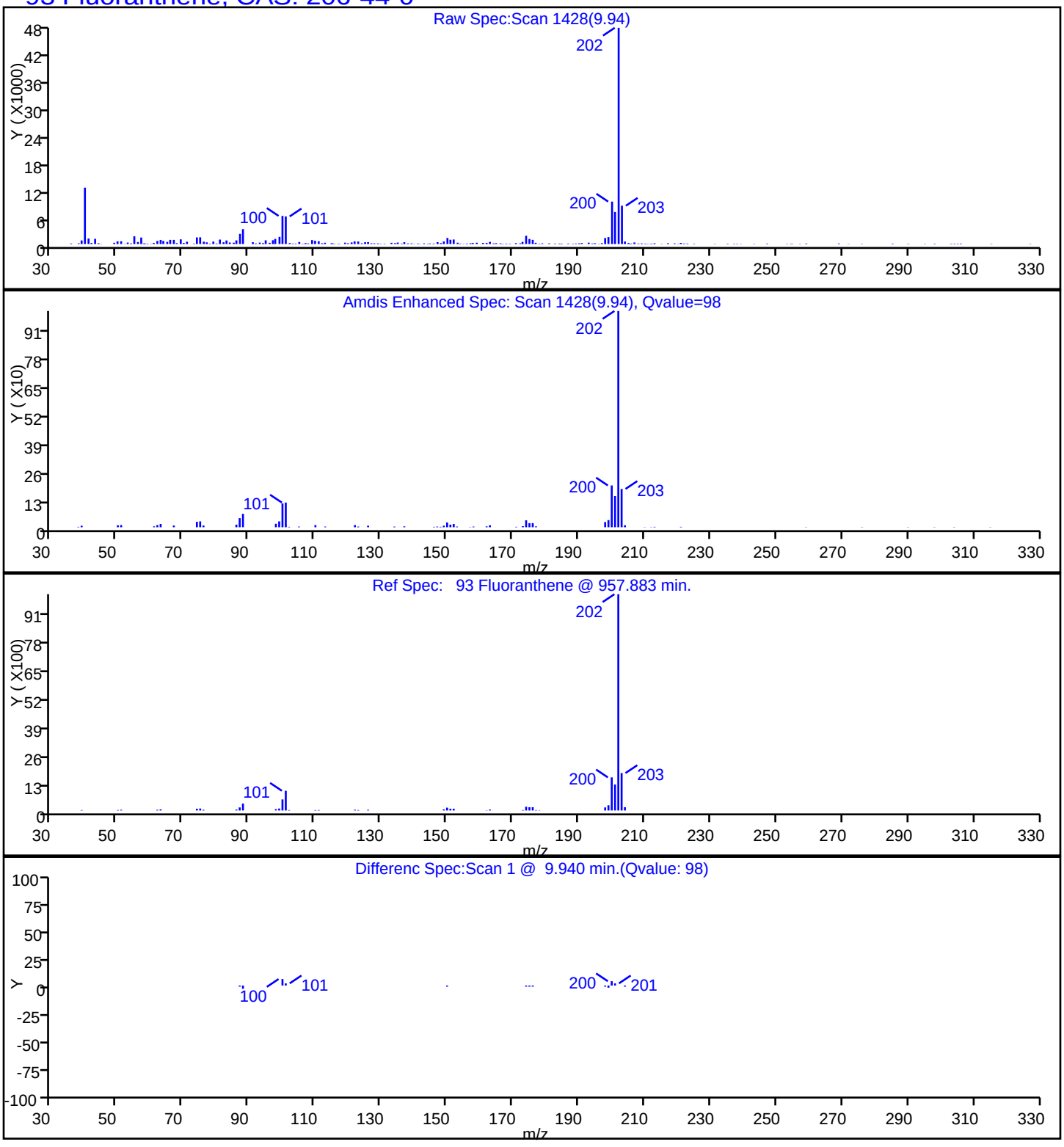


Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



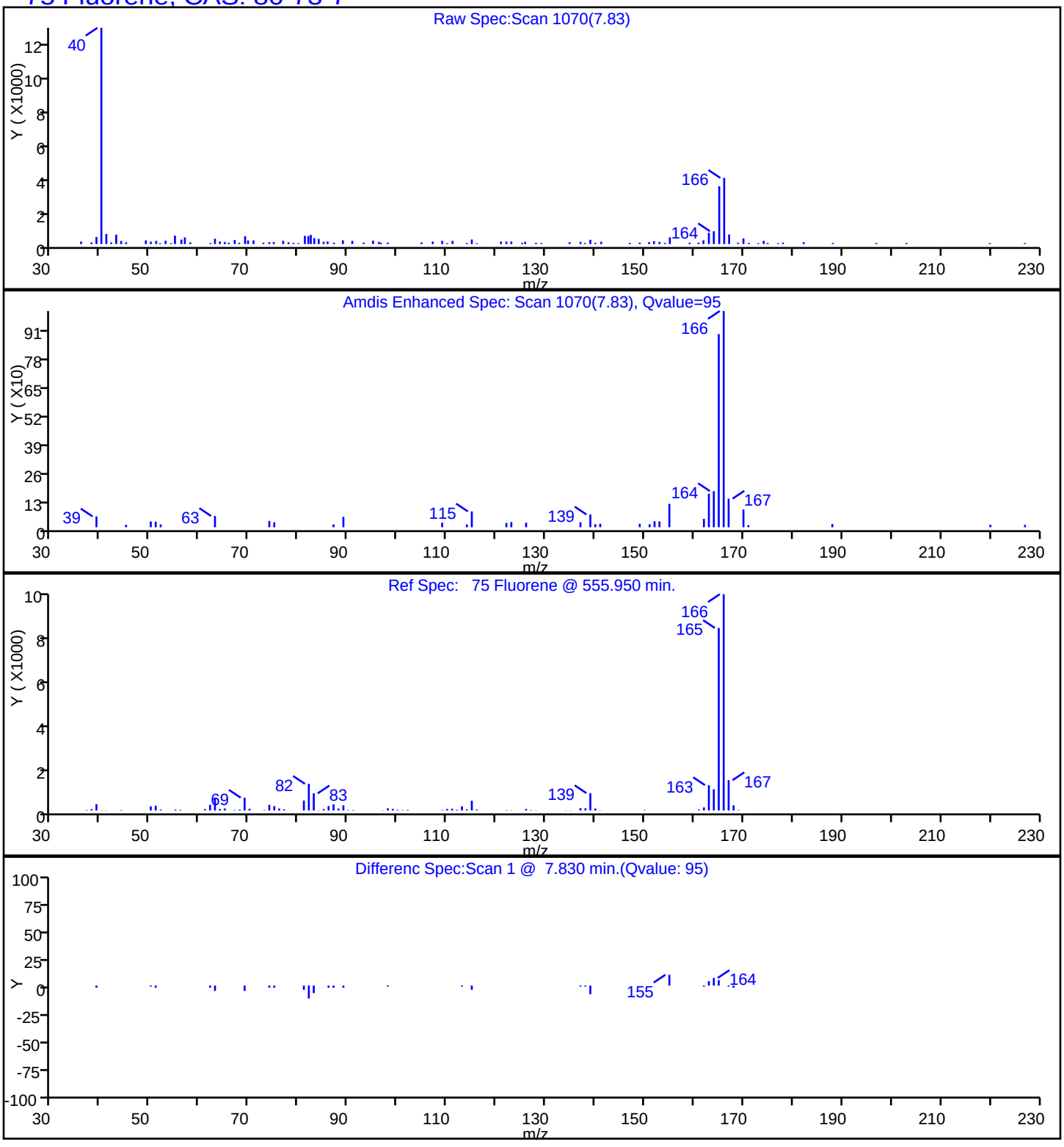
Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7

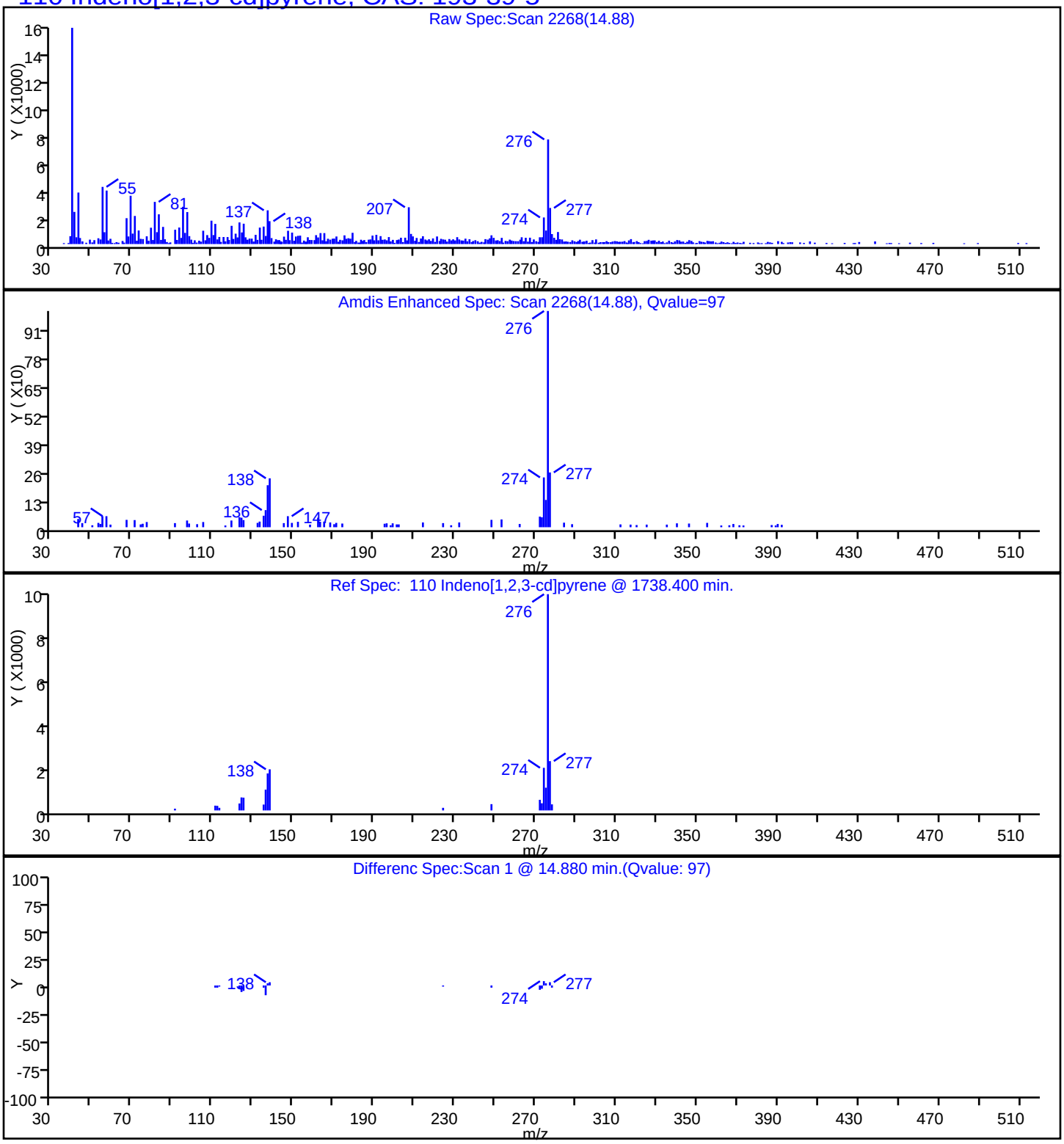


Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

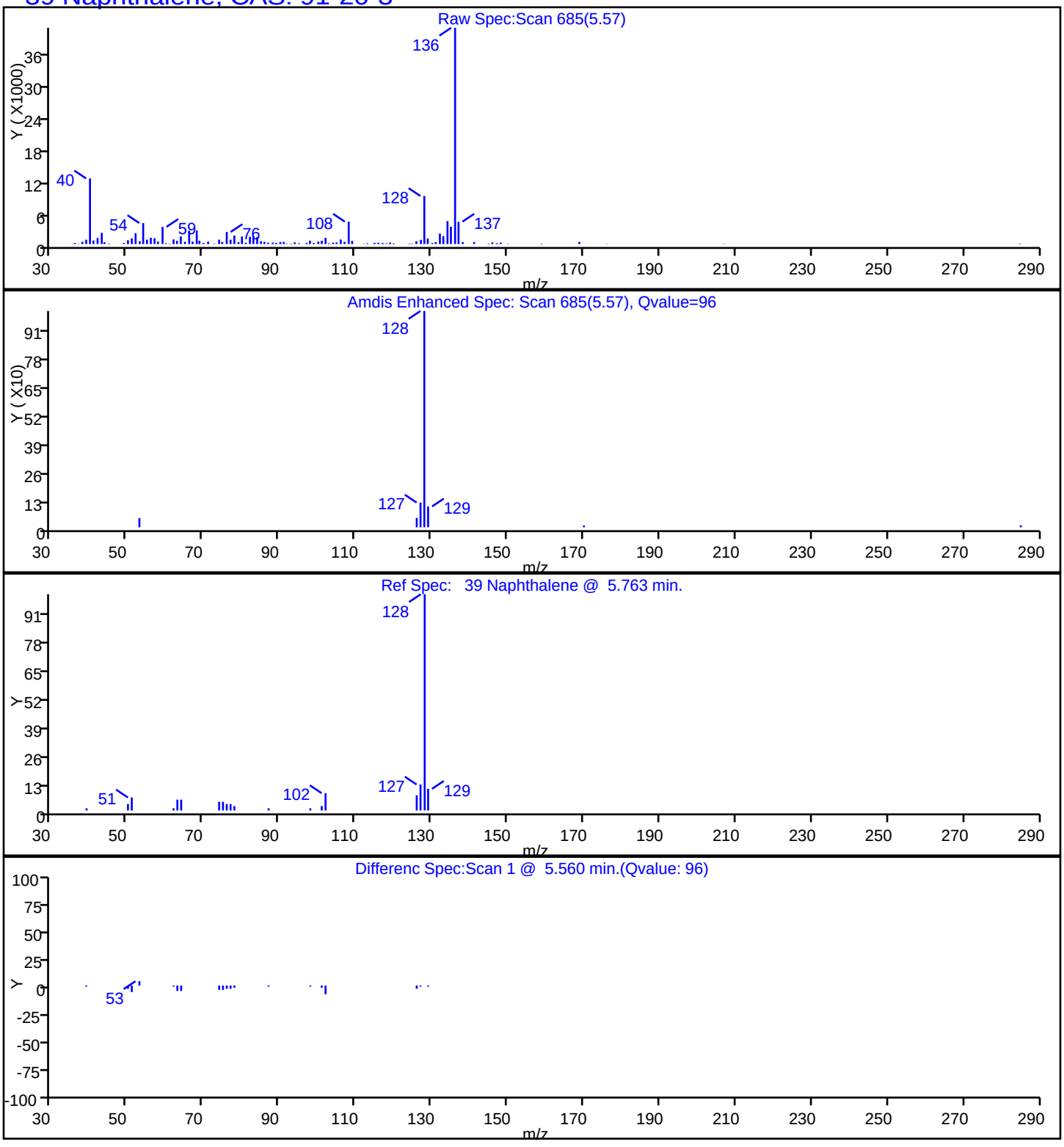


Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D				
Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



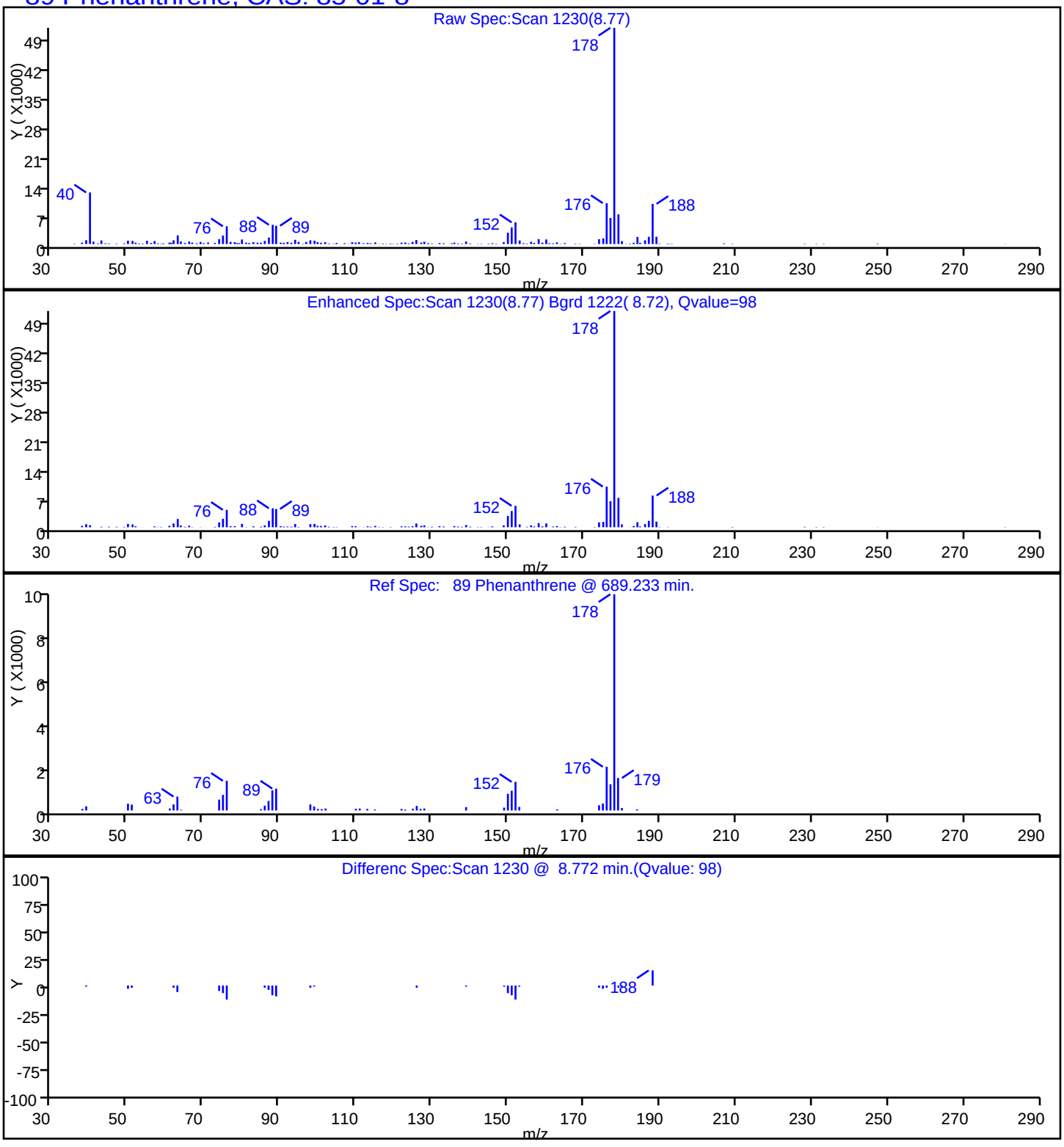
Report Date: 27-May-2015 14:32:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



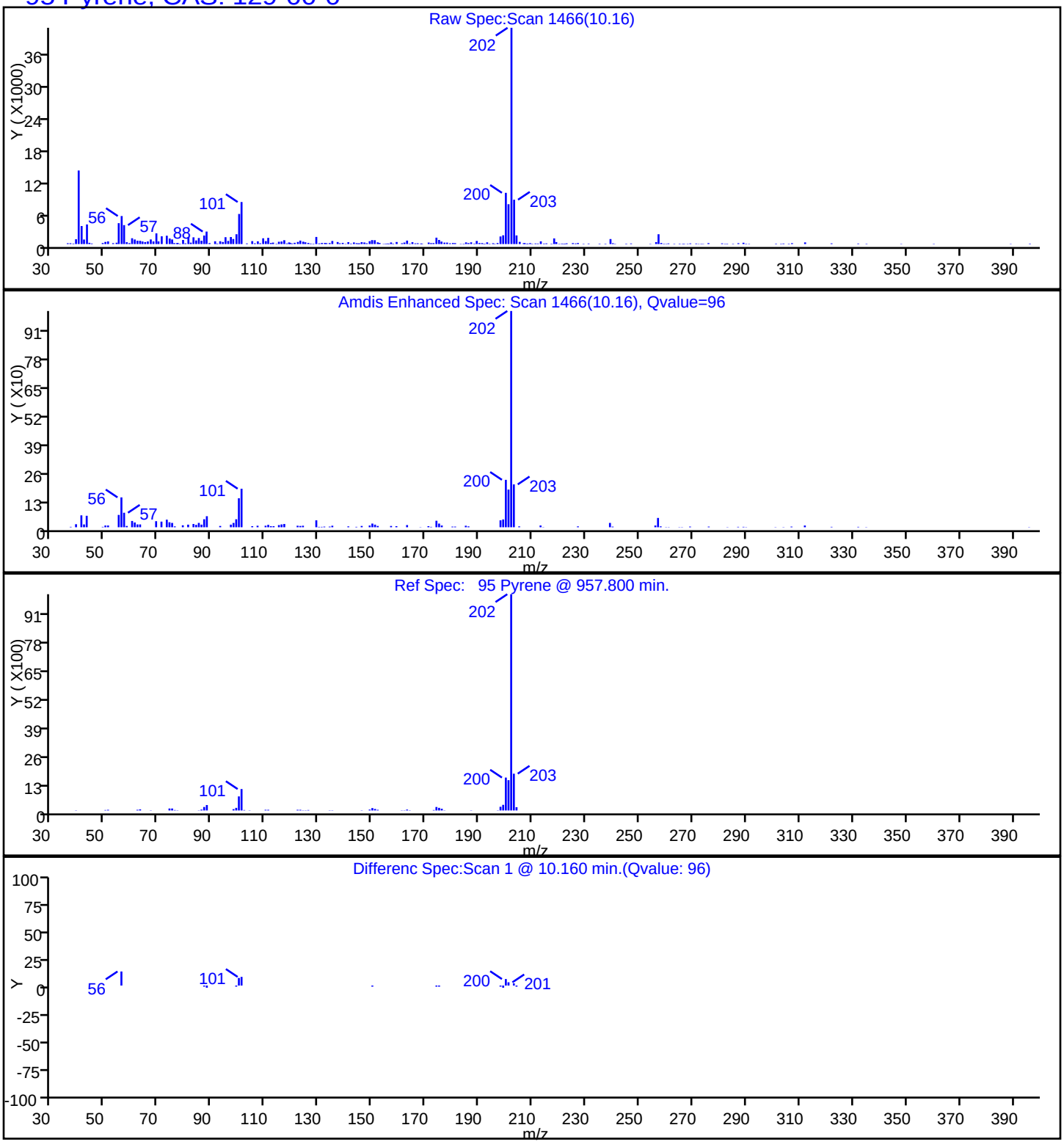
Report Date: 27-May-2015 14:32:05 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2634.D

Injection Date:	27-May-2015 13:11:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-6-A	Lab Sample ID:	460-95181-6		
Client ID:	SB-3 (20-22)				
Operator ID:		ALS Bottle#:	30	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	2.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-6 (15-17) | Lab Sample ID: 460-95181-7

Matrix: Solid | Lab File ID: x2612.D

Analysis Method: 8270D | Date Collected: 05/20/2015 13:00

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0326(g) | Date Analyzed: 05/27/2015 04:59

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	400	U	400	9.6
208-96-8	Acenaphthylene	400	U	400	10
120-12-7	Anthracene	400	U	400	38
56-55-3	Benzo[a]anthracene	40	U	40	33
50-32-8	Benzo[a]pyrene	40	U	40	12
205-99-2	Benzo[b]fluoranthene	40	U	40	16
191-24-2	Benzo[g,h,i]perylene	400	U	400	23
207-08-9	Benzo[k]fluoranthene	40	U	40	17
218-01-9	Chrysene	400	U	400	11
53-70-3	Dibenz(a,h)anthracene	40	U *	40	21
206-44-0	Fluoranthene	400	U	400	12
86-73-7	Fluorene	400	U	400	8.7
193-39-5	Indeno[1,2,3-cd]pyrene	40	U *	40	26
91-20-3	Naphthalene	400	U	400	10
85-01-8	Phenanthrene	400	U	400	11
129-00-0	Pyrene	400	U	400	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	68		10-120
321-60-8	2-Fluorobiphenyl	60		40-109
367-12-4	2-Fluorophenol (Surr)	55		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	60		38-105
4165-62-2	Phenol-d5 (Surr)	59		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2612.D
Lims ID: 460-95181-E-7-A Lab Sample ID: 460-95181-7
Client ID: SB-6 (15-17)
Sample Type: Client
Inject. Date: 27-May-2015 04:59:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-008
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:50:03 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:50:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.148	3.002	0.146	92	711136	27.6	
$ 6 Phenol-d5	99	3.948	3.937	0.011	87	910960	29.4	
* 14 1,4-Dichlorobenzene-d4	152	4.284	4.266	0.018	98	696855	40.0	
$ 26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	886367	30.0	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2669513	40.0	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	1585623	29.8	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	93	1400646	40.0	
$ 80 2,4,6-Tribromophenol	330	8.072	8.084	-0.012	94	162135	34.1	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1809893	40.0	
$ 96 Terphenyl-d14	244	10.330	10.330	0.000	99	1025401	38.3	
* 102 Chrysene-d12	240	11.507	11.513	-0.006	99	884788	40.0	
* 109 Perylene-d12	264	13.413	13.413	0.000	98	566182	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

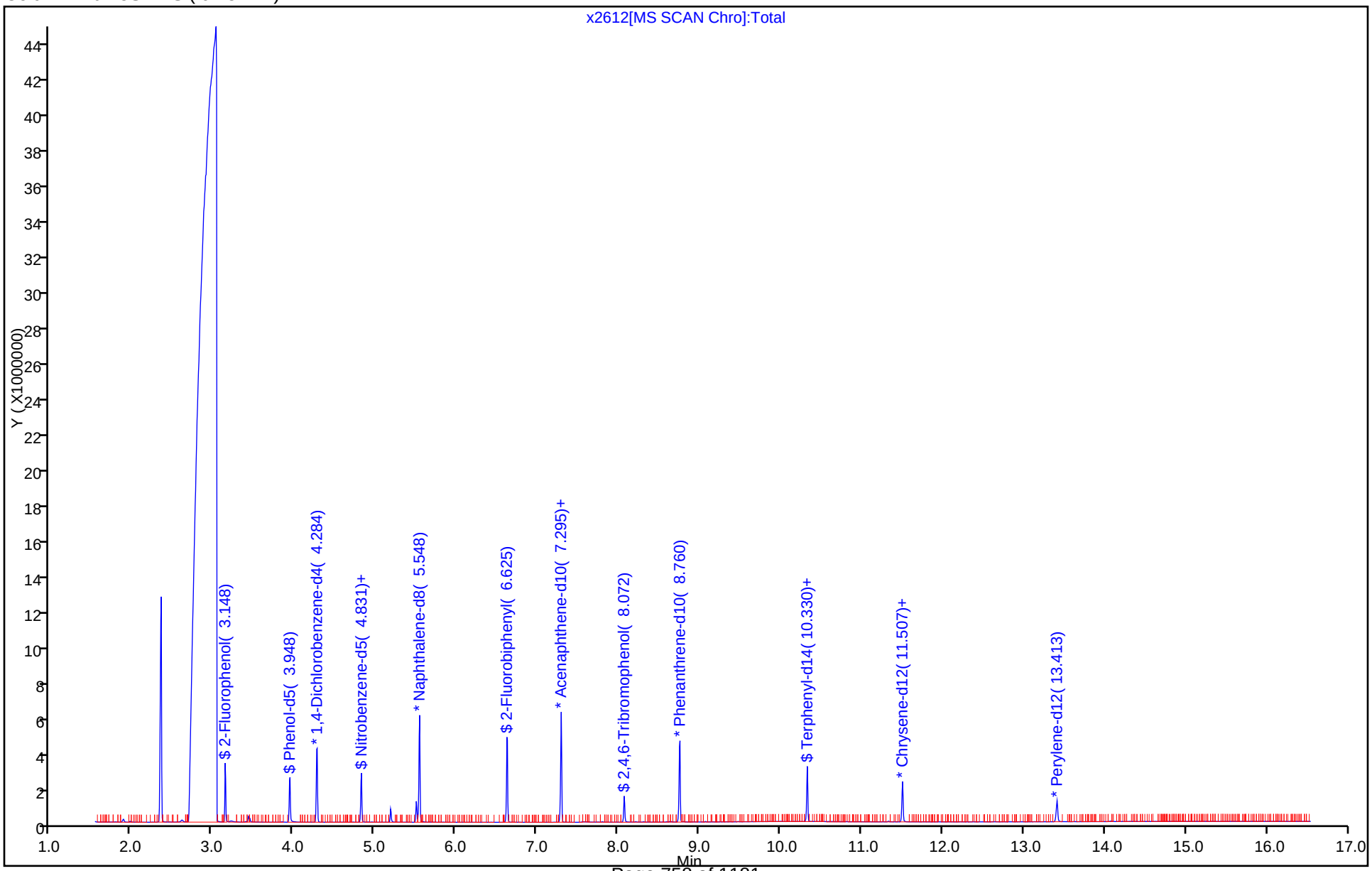
Report Date: 27-May-2015 13:50:04 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2612.D

Injection Date:	27-May-2015 04:59:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-7-A	Lab Sample ID:	460-95181-7	Worklist Smp#:	8
Client ID:	SB-6 (15-17)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-6 (17-19) | Lab Sample ID: 460-95181-8

Matrix: Solid | Lab File ID: x2617.D

Analysis Method: 8270D | Date Collected: 05/20/2015 13:05

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 14.9754(g) | Date Analyzed: 05/27/2015 06:51

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	380	U	380	9.2
208-96-8	Acenaphthylene	380	U	380	9.8
120-12-7	Anthracene	380	U	380	36
56-55-3	Benzo[a]anthracene	38	U	38	32
50-32-8	Benzo[a]pyrene	38	U	38	12
205-99-2	Benzo[b]fluoranthene	38	U	38	15
191-24-2	Benzo[g,h,i]perylene	380	U	380	22
207-08-9	Benzo[k]fluoranthene	38	U	38	17
218-01-9	Chrysene	380	U	380	10
53-70-3	Dibenz(a,h)anthracene	38	U *	38	20
206-44-0	Fluoranthene	380	U	380	11
86-73-7	Fluorene	380	U	380	8.3
193-39-5	Indeno[1,2,3-cd]pyrene	38	U *	38	25
91-20-3	Naphthalene	380	U	380	9.7
85-01-8	Phenanthrene	380	U	380	10
129-00-0	Pyrene	380	U	380	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	56		10-120
321-60-8	2-Fluorobiphenyl	62		40-109
367-12-4	2-Fluorophenol (Surr)	54		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	59		38-105
4165-62-2	Phenol-d5 (Surr)	56		41-118
1718-51-0	Terphenyl-d14 (Surr)	85		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2617.D
Lims ID: 460-95181-E-8-A Lab Sample ID: 460-95181-8
Client ID: SB-6 (17-19)
Sample Type: Client
Inject. Date: 27-May-2015 06:51:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-013
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:55:08 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:55:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.113	3.002	0.111	96	675850	26.9	
$ 6 Phenol-d5	99	3.937	3.937	0.000	87	840657	27.9	
* 14 1,4-Dichlorobenzene-d4	152	4.278	4.266	0.012	98	677656	40.0	
$ 26 Nitrobenzene-d5	82	4.825	4.831	-0.006	89	837298	29.6	
* 38 Naphthalene-d8	136	5.543	5.542	0.001	100	2554213	40.0	
$ 51 2-Fluorobiphenyl	172	6.625	6.637	-0.012	98	1506249	31.1	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	92	1274532	40.0	
$ 80 2,4,6-Tribromophenol	330	8.078	8.084	-0.006	94	121995	28.2	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1590672	40.0	
$ 96 Terphenyl-d14	244	10.331	10.330	0.001	99	978552	42.6	
* 102 Chrysene-d12	240	11.507	11.513	-0.006	99	759547	40.0	
* 109 Perylene-d12	264	13.407	13.413	-0.006	98	438279	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

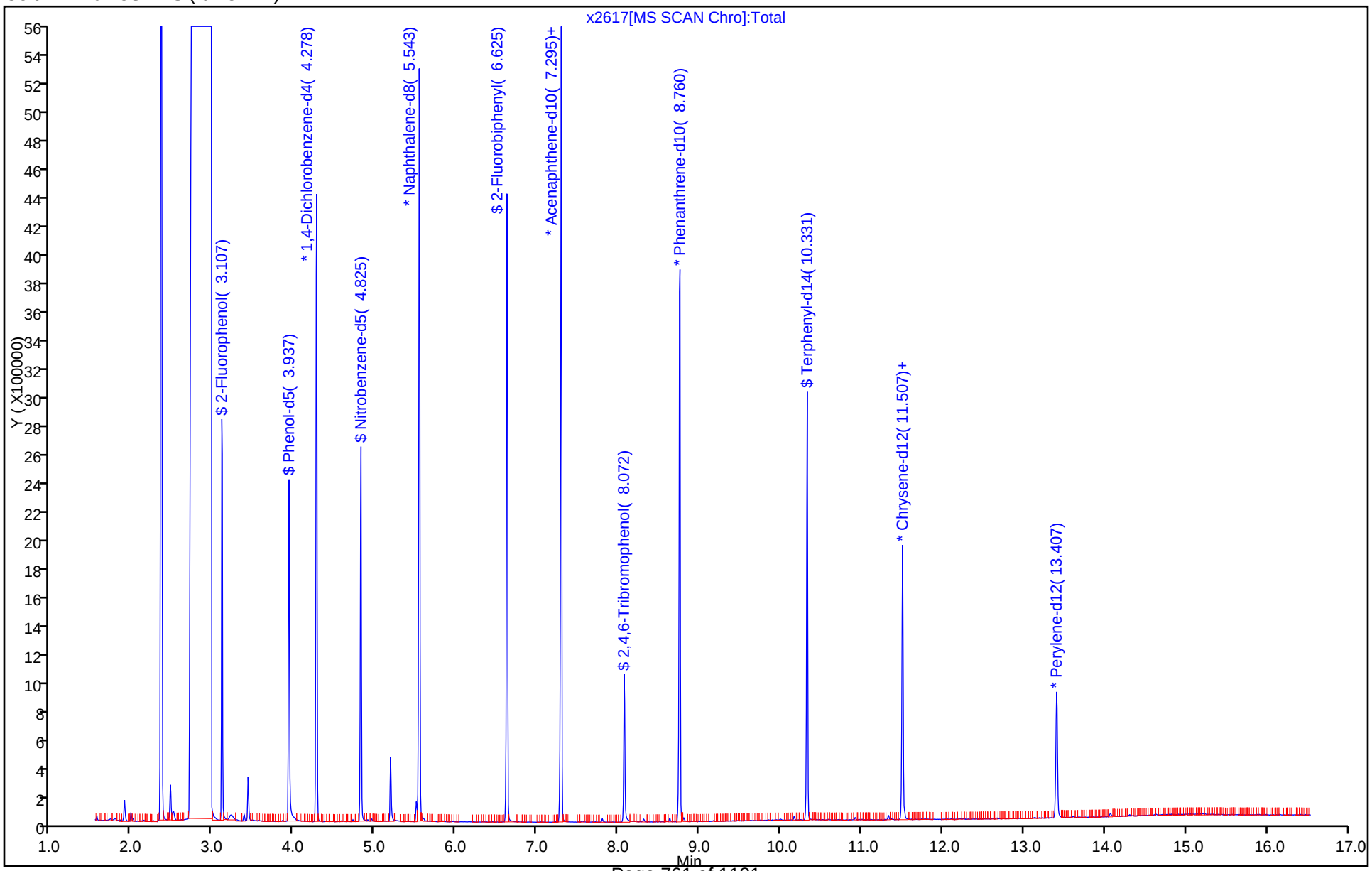
Report Date: 27-May-2015 13:55:08 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2617.D

Injection Date:	27-May-2015 06:51:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-8-A	Lab Sample ID:	460-95181-8	Worklist Smp#:	13
Client ID:	SB-6 (17-19)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-2 (20-22) | Lab Sample ID: 460-95181-9

Matrix: Solid | Lab File ID: x2624.D

Analysis Method: 8270D | Date Collected: 05/20/2015 15:15

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 14.9652(g) | Date Analyzed: 05/27/2015 09:27

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	410	U	410	9.8
208-96-8	Acenaphthylene	410	U	410	10
120-12-7	Anthracene	410	U	410	39
56-55-3	Benzo[a]anthracene	52		41	34
50-32-8	Benzo[a]pyrene	54		41	12
205-99-2	Benzo[b]fluoranthene	78		41	16
191-24-2	Benzo[g,h,i]perylene	50	J	410	23
207-08-9	Benzo[k]fluoranthene	41	U	41	18
218-01-9	Chrysene	54	J	410	11
53-70-3	Dibenz(a,h)anthracene	41	U *	41	21
206-44-0	Fluoranthene	68	J	410	12
86-73-7	Fluorene	14	J	410	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	48	*	41	27
91-20-3	Naphthalene	270	J	410	10
85-01-8	Phenanthrene	50	J	410	11
129-00-0	Pyrene	73	J	410	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	34		10-120
321-60-8	2-Fluorobiphenyl	64		40-109
367-12-4	2-Fluorophenol (Surr)	52		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	59		38-105
4165-62-2	Phenol-d5 (Surr)	57		41-118
1718-51-0	Terphenyl-d14 (Surr)	91		16-151

Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D
Lims ID: 460-95181-E-9-A Lab Sample ID: 460-95181-9
Client ID: SB-2 (20-22)
Sample Type: Client
Inject. Date: 27-May-2015 09:27:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-020
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 14:07:43 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:07:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.154	3.002	0.152	95	662315	26.0	
$ 6 Phenol-d5	99	3.949	3.937	0.012	87	876015	28.6	
* 14 1,4-Dichlorobenzene-d4	152	4.284	4.266	0.018	98	688609	40.0	
$ 26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	833896	29.4	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2560203	40.0	
39 Naphthalene	128	5.566	5.572	-0.006	100	236356	3.32	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	1482073	31.9	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	92	1222051	40.0	
75 Fluorene	166	7.831	7.842	-0.011	93	6312	0.1655	
$ 80 2,4,6-Tribromophenol	330	8.078	8.084	-0.006	93	70722	17.1	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1369827	40.0	
89 Phenanthrene	178	8.778	8.789	-0.011	96	24817	0.6134	
93 Fluoranthene	202	9.954	9.954	0.000	98	27891	0.8232	
95 Pyrene	202	10.172	10.178	-0.006	97	23648	0.8940	
$ 96 Terphenyl-d14	244	10.330	10.330	0.000	99	777864	45.3	
101 Benzo[a]anthracene	228	11.495	11.501	-0.006	98	11380	0.6313	
* 102 Chrysene-d12	240	11.507	11.513	-0.006	99	566954	40.0	
103 Chrysene	228	11.536	11.548	-0.012	95	10979	0.6600	
106 Benzo[b]fluoranthene	252	12.889	12.895	-0.006	96	11443	0.9487	
108 Benzo[a]pyrene	252	13.330	13.336	-0.006	95	7328	0.6589	
* 109 Perylene-d12	264	13.413	13.413	0.000	98	383551	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.907	14.918	-0.011	94	4527	0.5846	
112 Benzo[g,h,i]perylene	276	15.313	15.330	-0.017	94	5359	0.6077	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

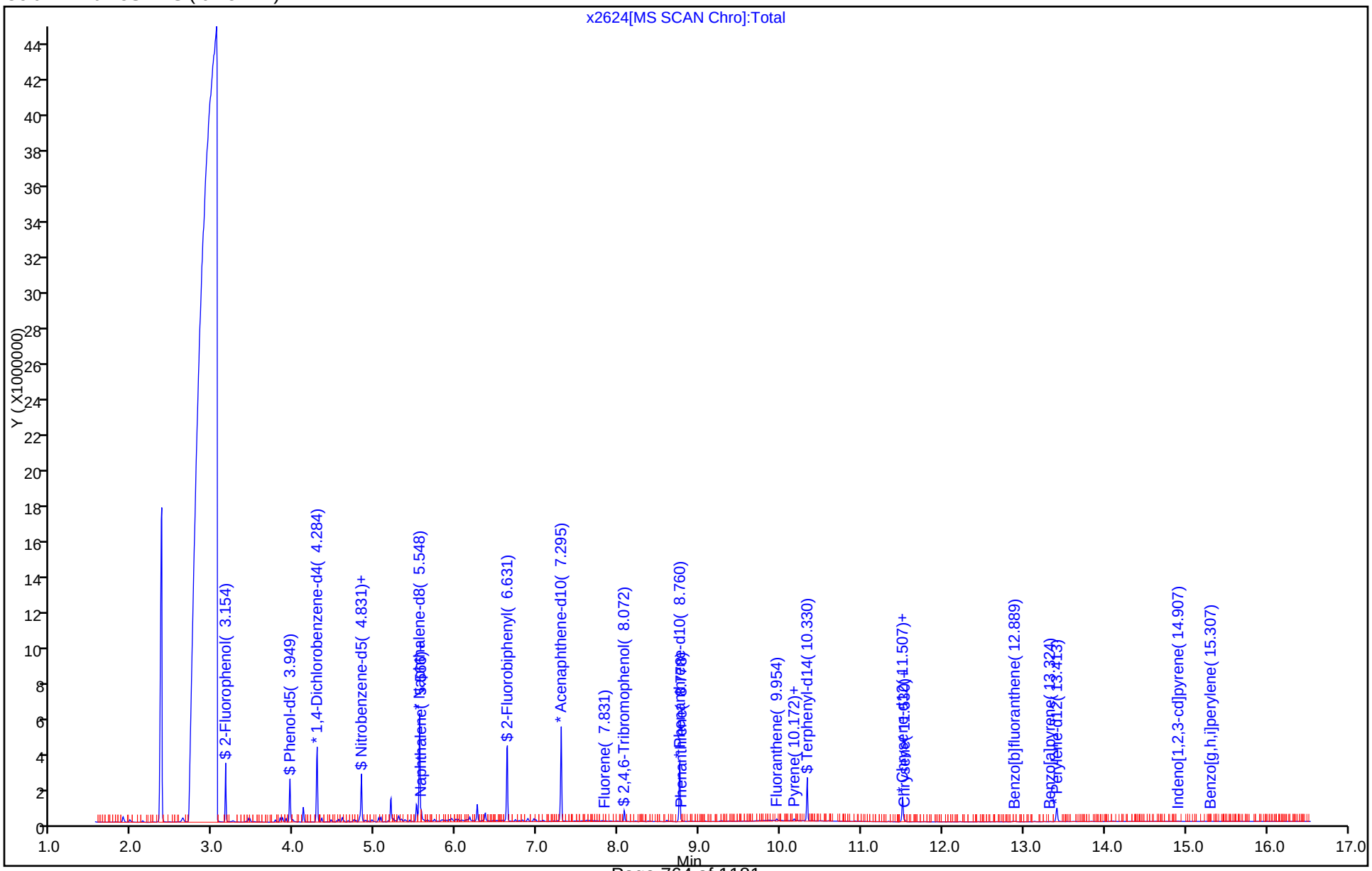
Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D

Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9	Worklist Smp#:	20
Client ID:	SB-2 (20-22)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

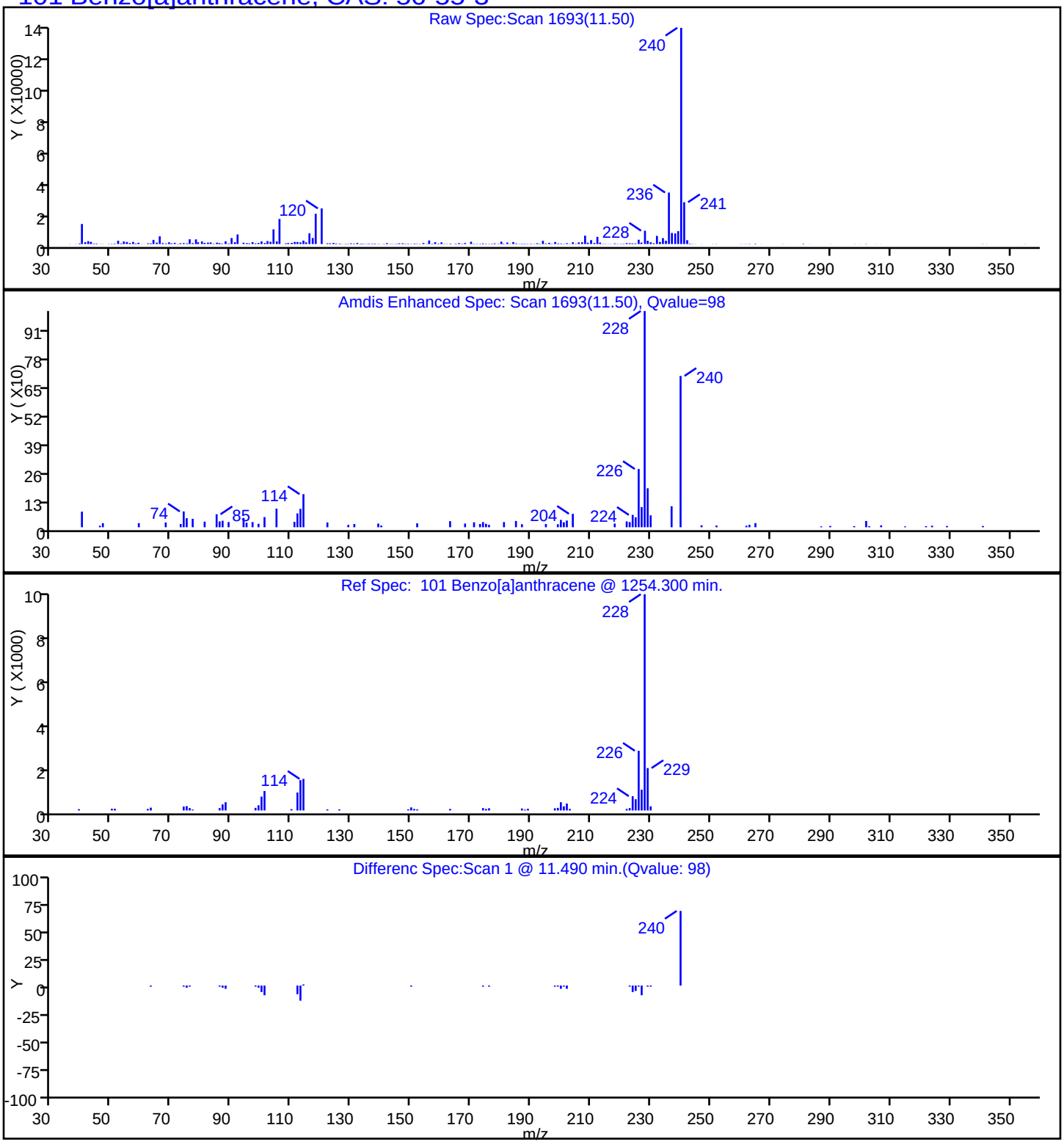


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

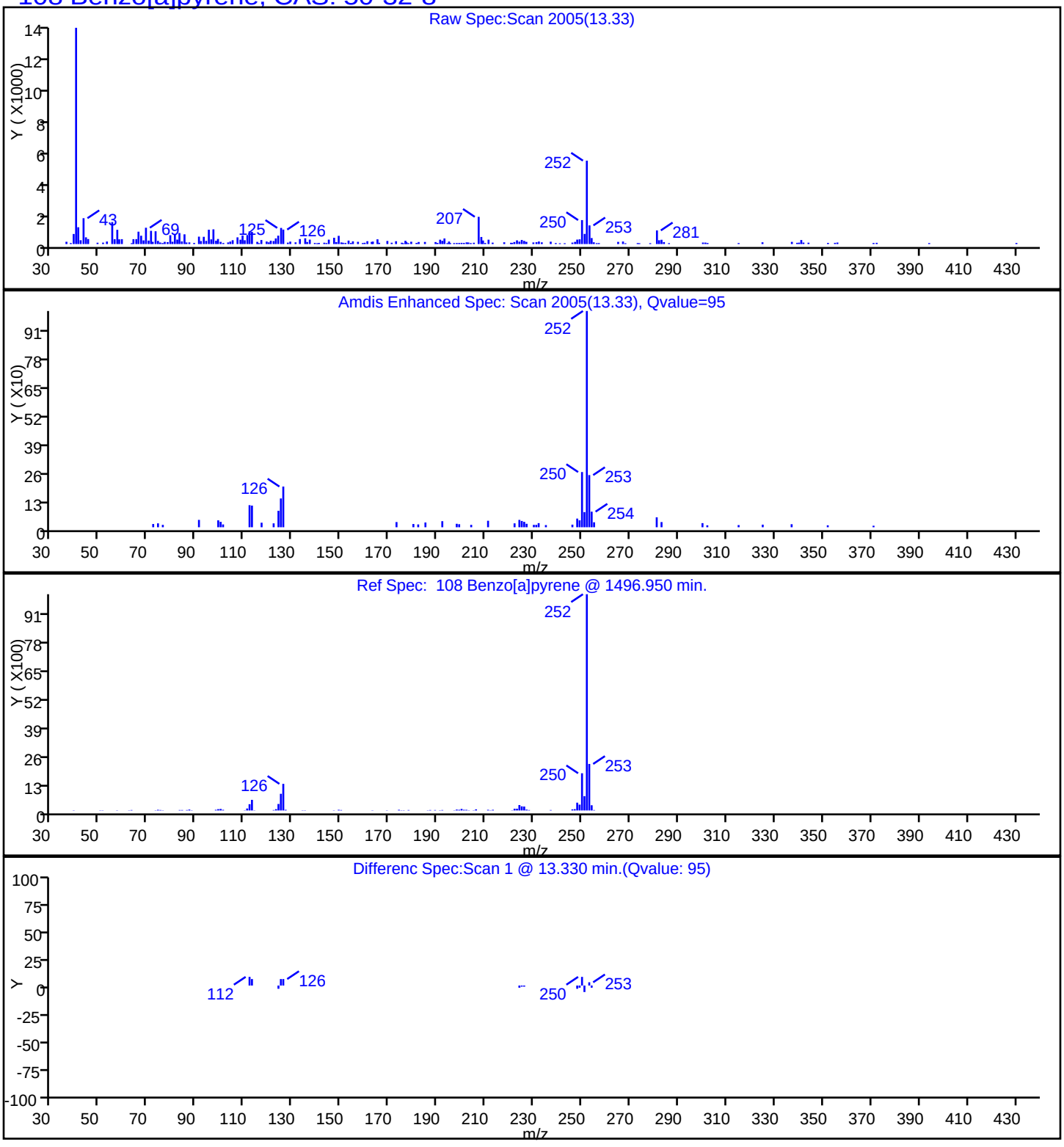


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

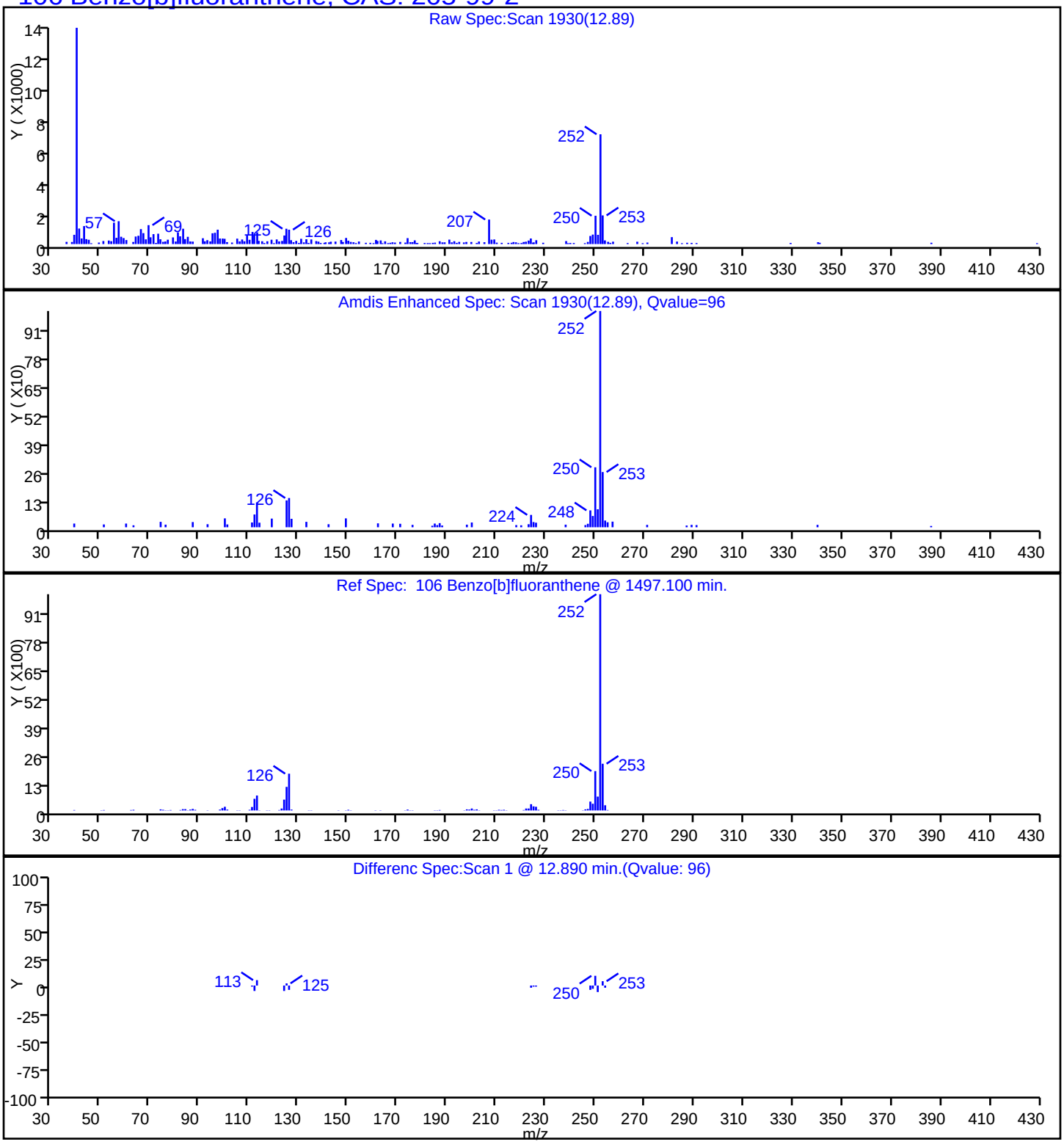


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

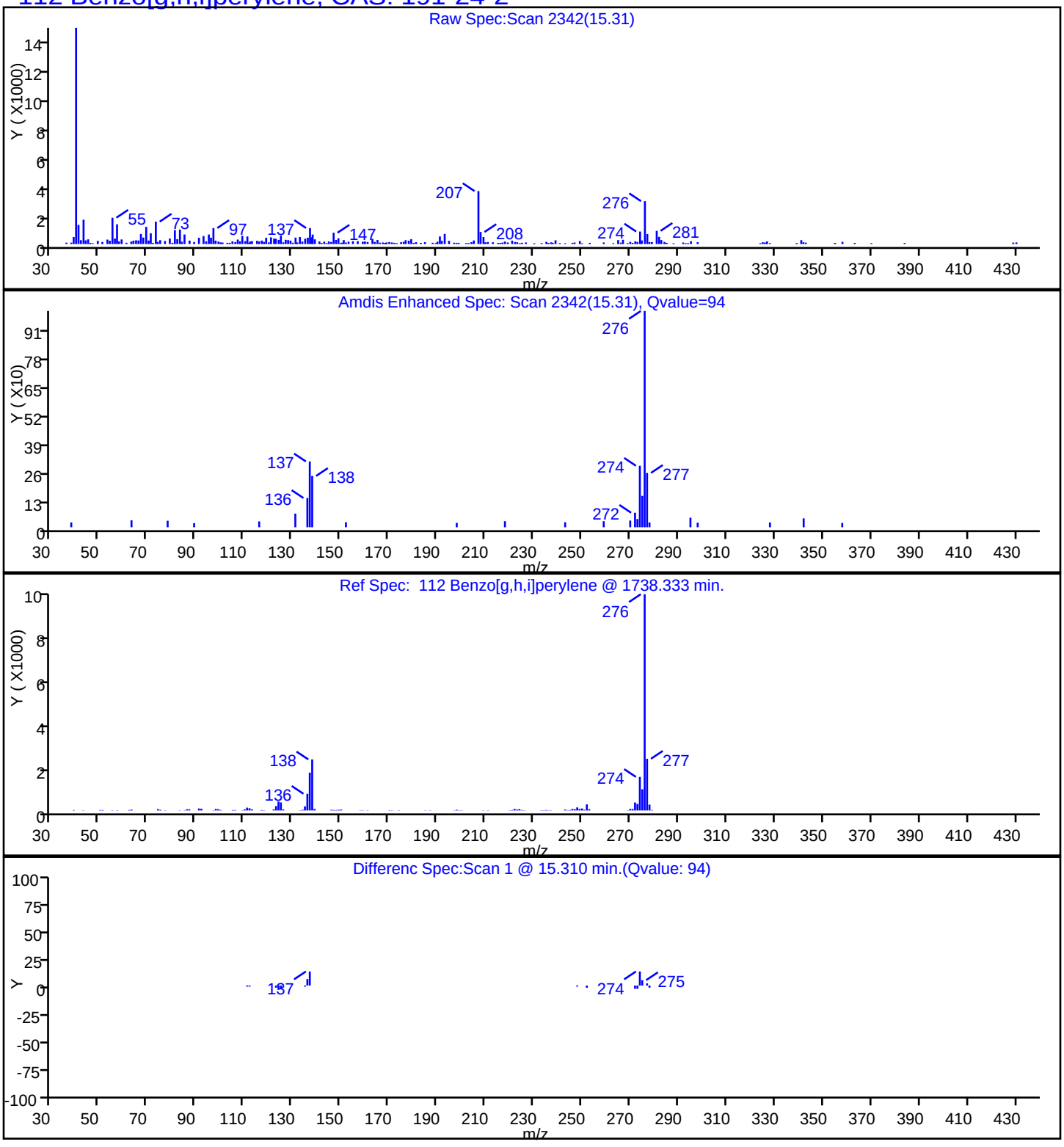


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

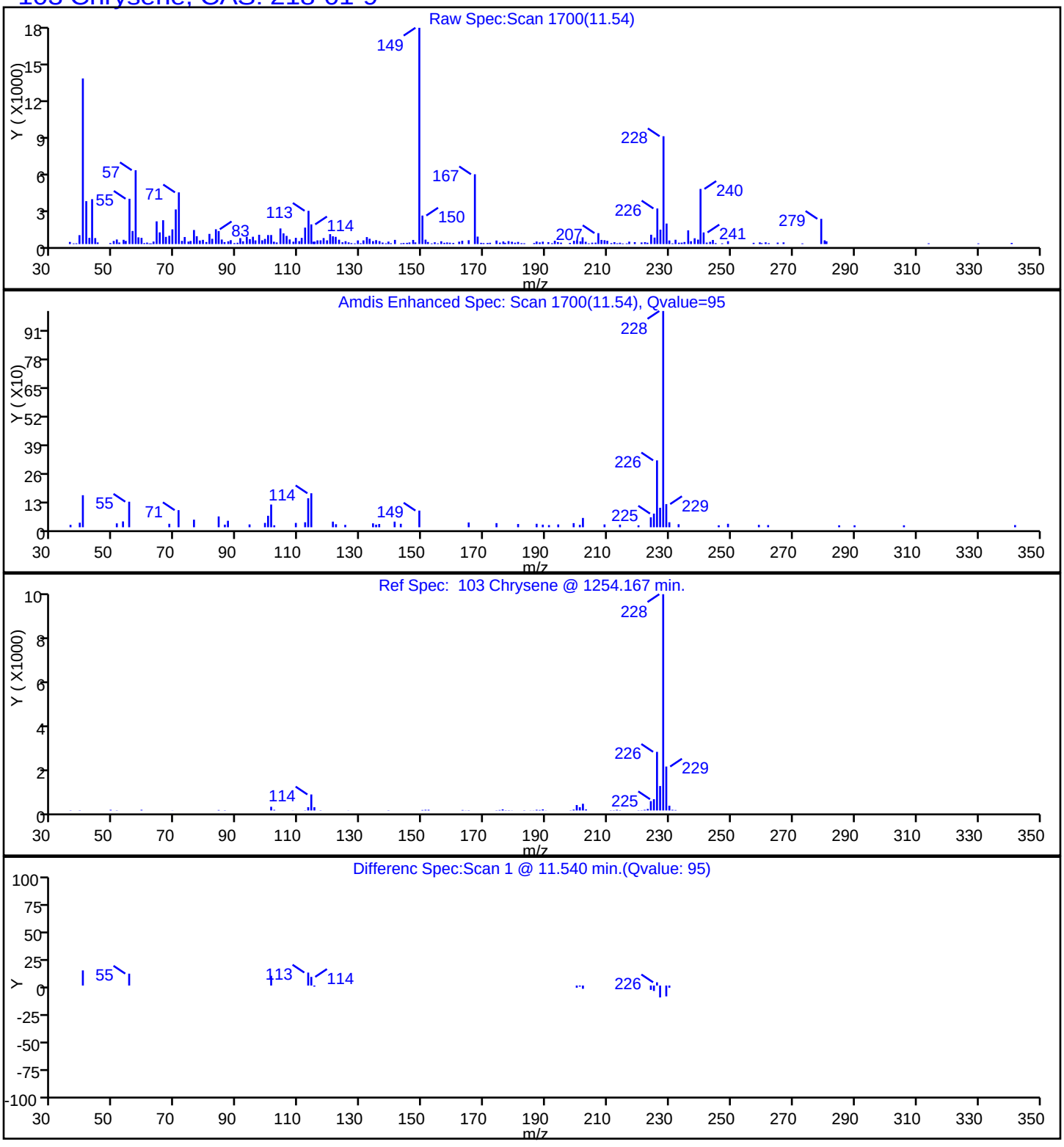


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

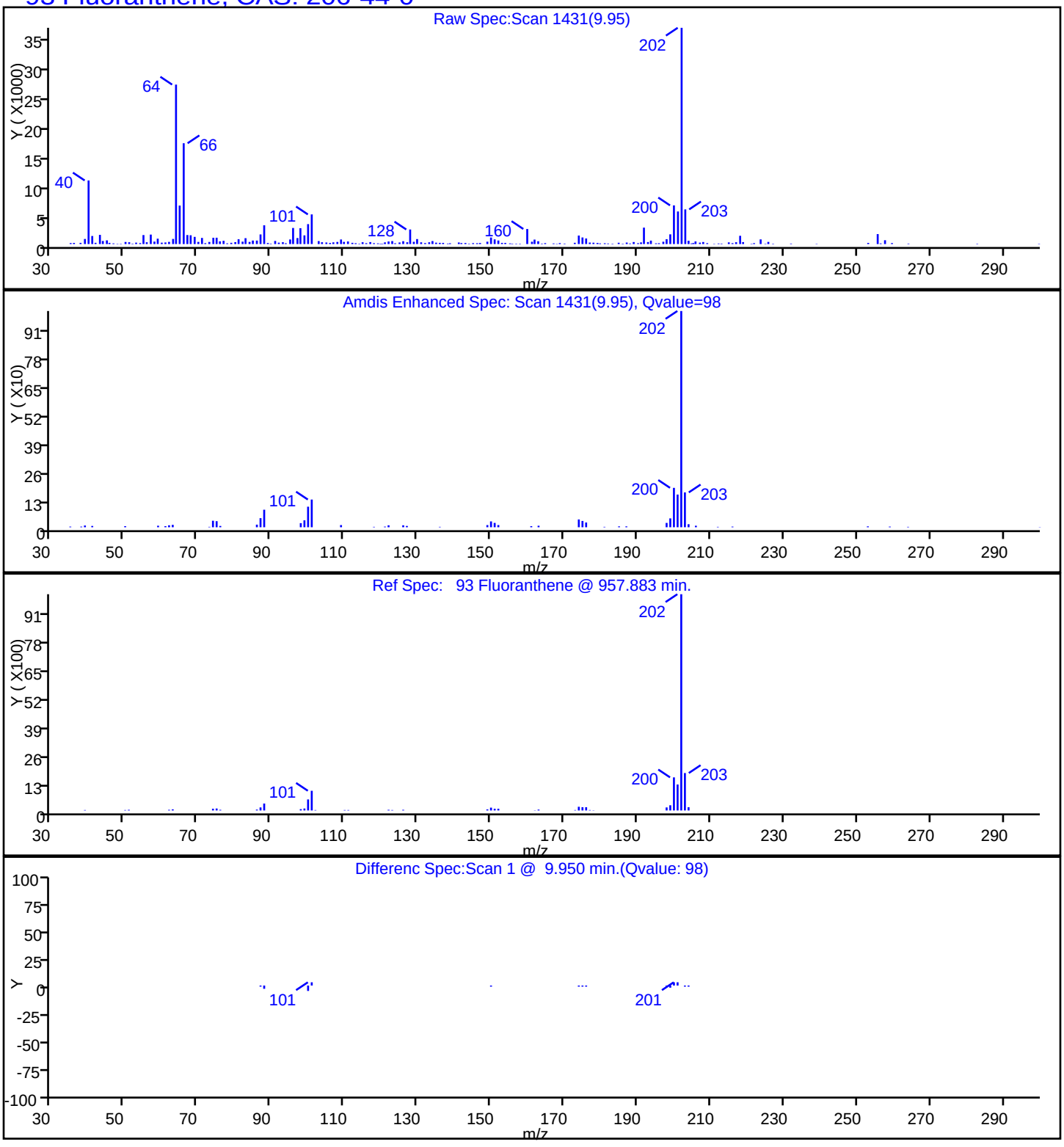


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0

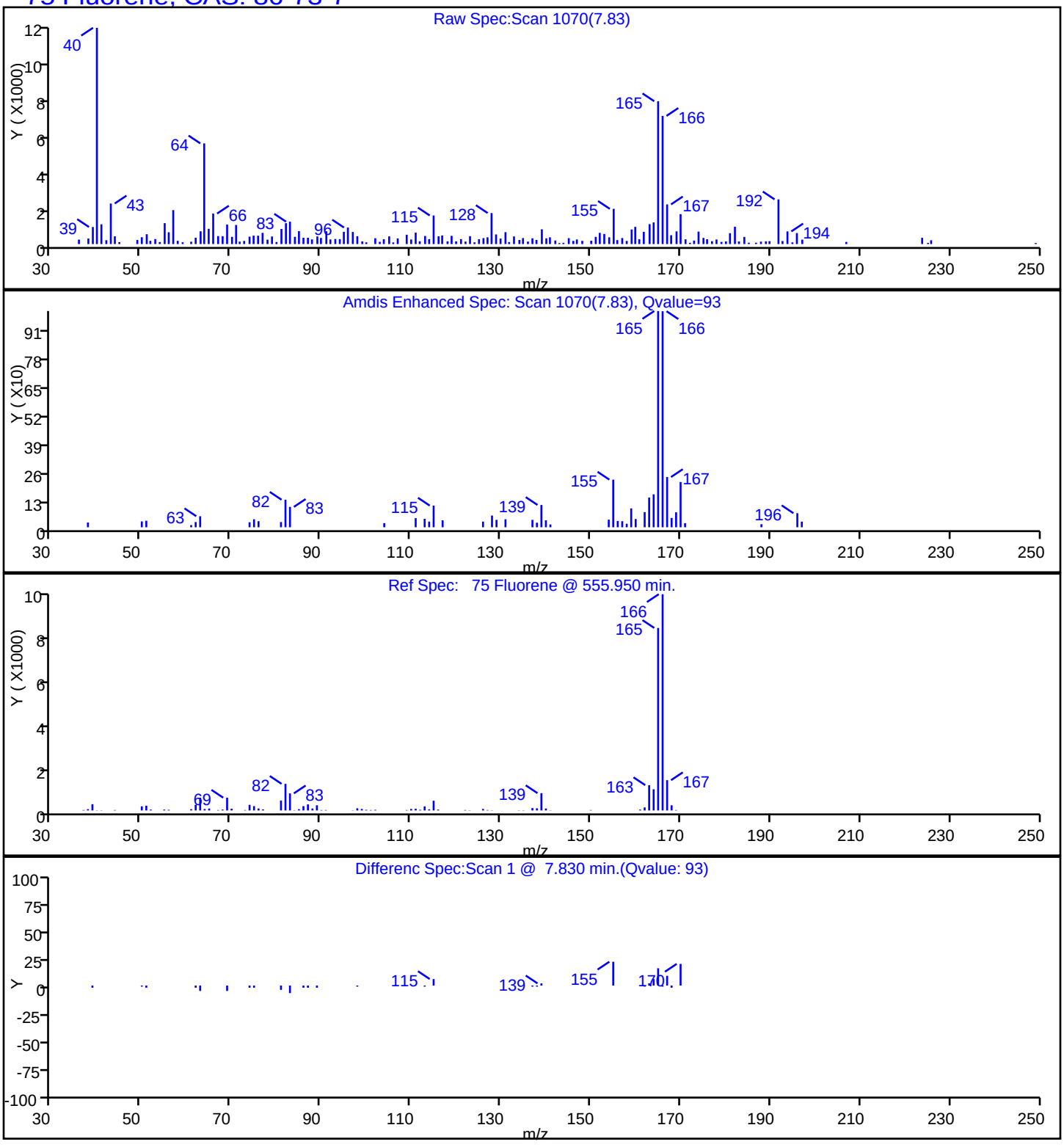


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7

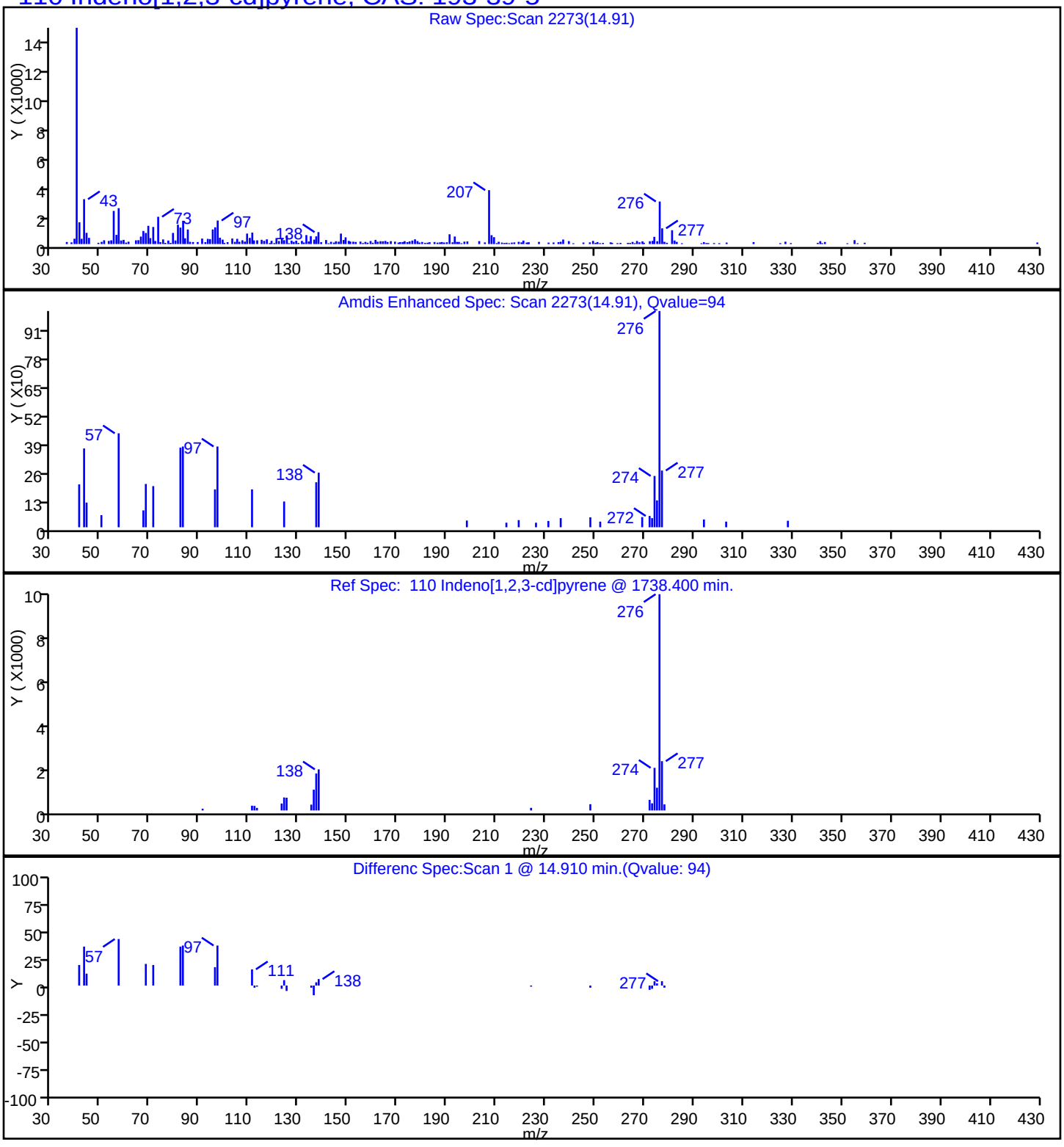


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

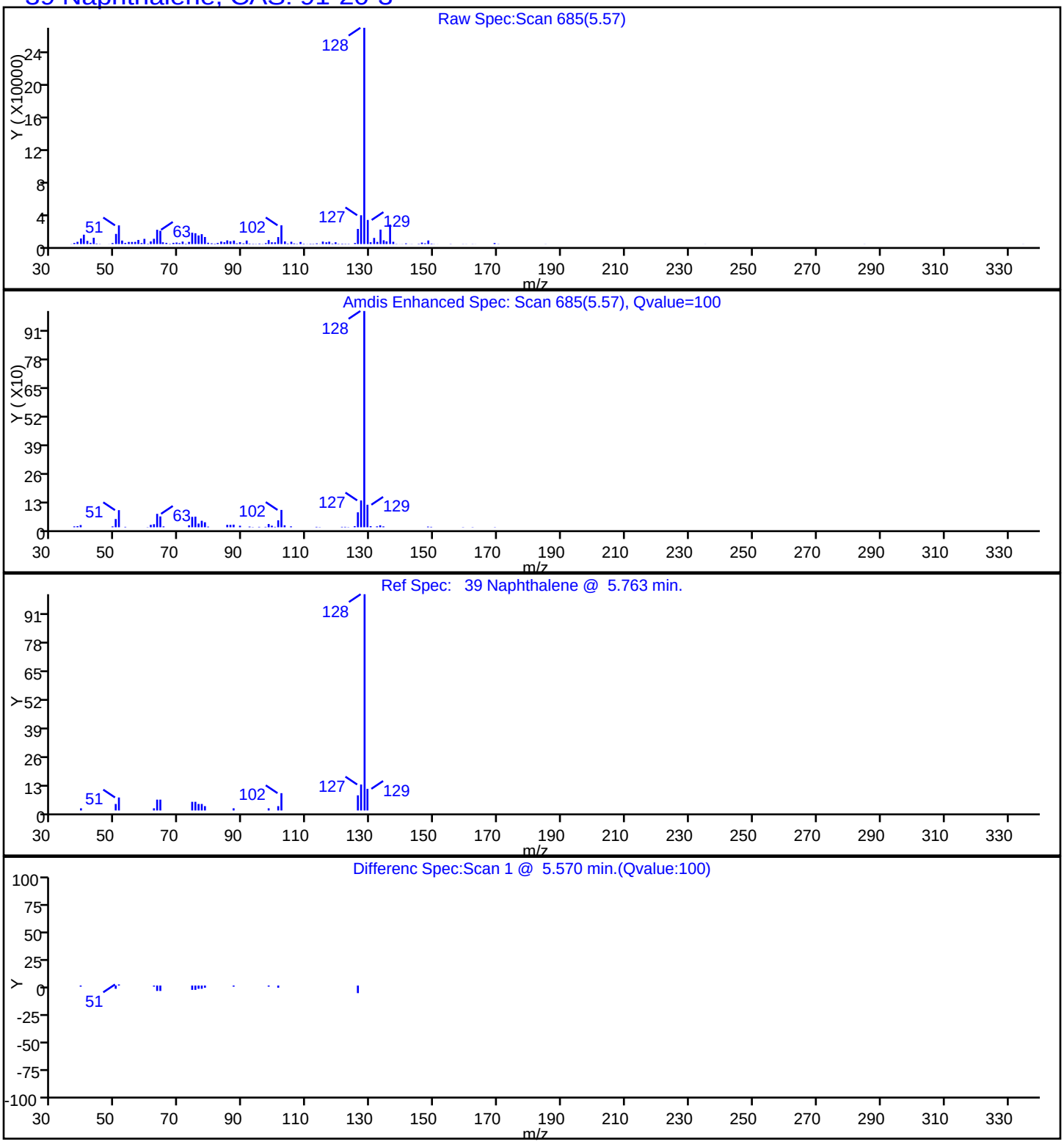


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

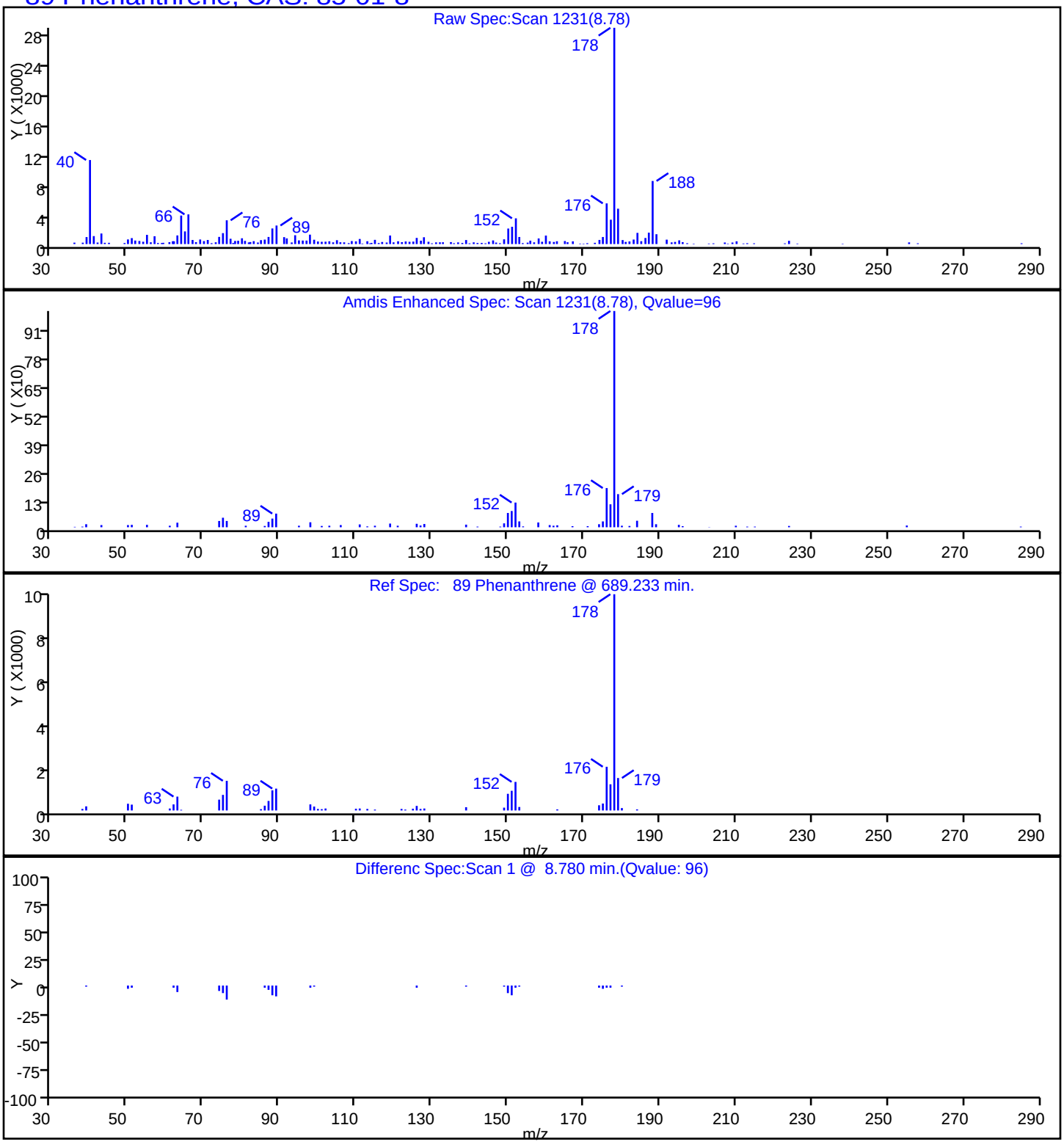


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8

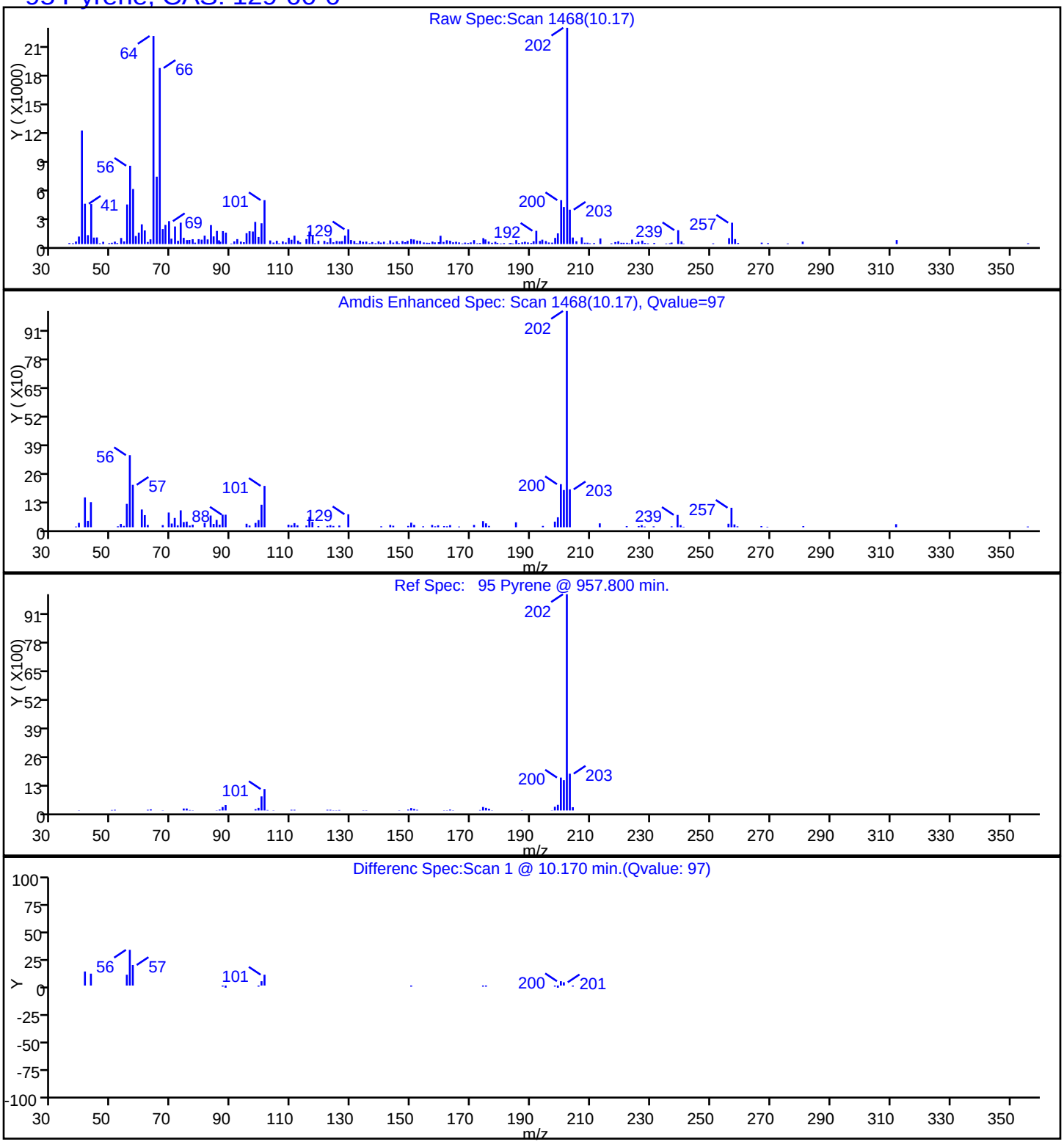


Report Date: 27-May-2015 14:07:44 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2624.D				
Injection Date:	27-May-2015 09:27:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-9-A	Lab Sample ID:	460-95181-9		
Client ID:	SB-2 (20-22)				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-300883/10	z1439.D
Level 2	STD1 460-300883/9	z1438.D
Level 3	STD2 460-300883/8	z1437.D
Level 4	STD5 460-300883/7	z1436.D
Level 5	STD10 460-300883/6	z1435.D
Level 6	STD20 460-300883/5	z1434.D
Level 7	ICIS 460-300883/2	z1431.D
Level 8	STD80 460-300883/4	z1433.D
Level 9	STD120 460-300883/3	z1432.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	0.7544	0.6863	0.6482	0.7525 0.6332	0.7378	Ave		0.7021				7.7		20.0			
N-Nitrosodimethylamine	1.1500	1.1402	1.0933	1.1917 1.0742	1.1837	Ave		1.1388				4.2		20.0			
Pyridine	1.8944	1.7792	1.6935	1.9317 1.7220	2.0475	Ave		1.8447				7.4		20.0			
Phenol	2.3673	1.9267	1.7701	2.4452 1.6852	2.4072	Ave		2.1003			0.8000	16.4		20.0			
Aniline	2.6498	2.3732	2.1694	2.8253 2.0887	2.8656	Ave		2.4953				13.4		20.0			
Bis(2-chloroethyl)ether	1.9123 1.7222	1.8919 1.5783	1.9142 1.4792	1.8161 1.5365	1.8067	Ave		1.7397			0.7000	9.7		20.0			
2-Chlorophenol	1.6316	1.4684	1.3687	1.7692 1.3363	1.7316	Ave		1.5510			0.8000	12.0		20.0			
n-Decane	3.0235	2.6876	2.5581	3.2125 2.4358	3.0813	Ave		2.8331				11.1		20.0			
1,3-Dichlorobenzene	1.6499	1.3988	1.2889	1.7442 1.2299	1.6911	Ave		1.5005				14.8		20.0			
1,4-Dichlorobenzene	1.5631	1.3534	1.2653	1.6802 1.2084	1.6347	Ave		1.4509				13.8		20.0			
Benzyl alcohol	1.0325	0.9603	0.9267	1.0019 0.8698	1.0930	Ave		0.9807				8.1		20.0			
1,2-Dichlorobenzene	1.5249	1.2752	1.1701	1.6371 1.0846	1.6073	Ave		1.3832				17.1		20.0			
2-Methylphenol	1.4787	1.2884	1.1754	1.5601 1.1289	1.5956	Ave		1.3712			0.7000	14.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
2,2'-oxybis[1-chloropropane]	3.8284	3.4376	3.2498	4.1178 3.0764	4.1792	Ave		3.6482			0.0100	12.7		20.0			
Acetophenone	1.7779	1.4925	1.4367	2.2281 1.4216	2.0571	Ave		1.7356			0.0100	19.9		20.0			
N-Nitrosodi-n-propylamine	1.3643 0.9547	1.3204 0.8722	1.2561 0.8518	1.1840 0.8479	1.1427	Ave		1.0882			0.5000	19.2		20.0			
3 & 4 Methylphenol	1.5310	1.1987	1.2143	1.8068 1.1968	1.7321	Ave		1.4466				19.5		20.0			
4-Methylphenol	1.5310	1.1940	1.2090	1.7754 1.1867	1.7321	Ave		1.4380			0.6000	19.3		20.0			
Hexachloroethane	0.7405 0.6662	0.7394 0.5927	0.7412 0.5633	0.7316 0.5305	0.7215	Ave		0.6696			0.3000	12.7		20.0			
Nitrobenzene	0.7960 0.6318	0.7600 0.5682	0.7368 0.5235	0.7058 0.5022	0.6768	Ave		0.6557			0.2000	16.1		20.0			
n,n'-Dimethylaniline	2.5723 2.0695	2.4674 1.7307	2.4511 1.5788	2.4564 1.5417	2.4725	Ave		2.1489				19.8		20.0			
Isophorone	0.7948	0.7434	0.9333 0.7065	0.8579 0.7087	0.8191	Ave		0.7948			0.4000	10.5		20.0			
2-Nitrophenol	0.2307	0.2119	0.1982	0.2244 0.1916	0.2310	Ave		0.2146			0.1000	7.9		20.0			
2,4-Dimethylphenol	0.3782	0.3388	0.3132	0.4013 0.3030	0.3933	Ave		0.3546			0.2000	11.9		20.0			
Bis(2-chloroethoxy)methane	0.5064	0.4693	0.4422	0.5659 0.4323	0.5367	Ave		0.4921			0.3000	10.8		20.0			
Benzoic acid	0.1760	0.2092	0.2049	0.0916 0.1911	0.1255	Lin2	-0.615	0.2065			0.0100				0.9940		0.9900
2,4-Dichlorophenol	0.3152	0.2833	0.3717 0.2522	0.3453 0.2376	0.3330	Ave		0.3055			0.2000	16.2		20.0			
1,2,4-Trichlorobenzene	0.3869 0.3538	0.3963 0.3047	0.3887 0.2797	0.3617 0.2661	0.3598	Ave		0.3442				14.2		20.0			
Naphthalene	1.1882	1.0112	0.9358	1.3054 0.8891	1.2592	Ave		1.0981			0.7000	16.0		20.0			
4-Chloroaniline	0.4989	0.4402	0.4011	0.5472 0.3888	0.5206	Ave		0.4662			0.0100	14.1		20.0			
Hexachlorobutadiene	0.2097	0.2497 0.1844	0.2268 0.1746	0.2197 0.1669	0.2138	Ave		0.2057			0.0100	13.7		20.0			
4-Chloro-3-methylphenol	0.3309	0.2981	0.2763	0.3545 0.2649	0.3496	Ave		0.3124			0.2000	12.2		20.0			
2-Methylnaphthalene	0.6968	0.5896	0.5328	0.7659 0.5181	0.7466	Ave		0.6416			0.4000	17.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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-Methylnaphthalene	0.6319	0.5558	0.4945	0.6944 0.4815	0.6853	Ave		0.5906				15.8		20.0			
Hexachlorocyclopentadiene	0.5207	0.4538	0.4392	0.5023 0.4524	0.5188	Ave		0.4812			0.0500	7.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.7382	0.6468	0.5847	0.8206 0.5597	0.7907	Ave		0.6901			0.0100	15.8		20.0			
2-tertbutyl-4-methylphenol	0.4580	0.4036	0.3664	0.5012 0.3641	0.4983	Ave		0.4319				14.5		20.0			
2,4,6-Trichlorophenol	0.4968	0.4520	0.5330 0.4281	0.4928 0.4152	0.5356	Ave		0.4791			0.2000	10.1		20.0			
2,4,5-Trichlorophenol	0.5121	0.4732	0.4217	0.5068 0.4157	0.5290	Ave		0.4764			0.2000	10.1		20.0			
1,1'-Biphenyl	2.0259	1.7155	1.5127	2.1680 1.4872	2.1706	Ave		1.8466			0.0100	17.1		20.0			
2-Chloronaphthalene	1.5425	1.3339	1.1938	1.6646 1.1275	1.6509	Ave		1.4189			0.8000	16.4		20.0			
Phenyl ether	1.0764	0.9798	0.8728	1.1391 0.8481	1.1935	Ave		1.0183				13.9		20.0			
2-Nitroaniline	0.6472	0.6161	0.5994	0.6834 0.4702	0.7098	Ave		0.6210			0.0100	13.6		20.0			
1,3-Dimethylnaphthalene	1.3167	1.0825	0.9649	1.4102 0.9147	1.4776	Ave		1.1944				20.0		20.0			
Dimethyl phthalate	1.3343	1.2155	1.1212	1.4342 1.0816	1.4560	Ave		1.2738			0.0100	12.5		20.0			
Coumarin	0.1768	0.1584	0.1465	0.1997 0.1452	0.1880	Ave		0.1691				13.4		20.0			
2,6-Dinitrotoluene	0.3280	0.3401 0.3125	0.3555 0.2907	0.3351 0.2813	0.3554	Lin2	0.0406	0.3152			0.2000				0.9920		0.9900
Acenaphthylene	2.3067	2.0305	1.8626	2.4564 1.8087	2.4784	Ave		2.1572			0.9000	13.7		20.0			
3-Nitroaniline	0.3889	0.3670	0.3577	0.4019 0.3521	0.4069	Ave		0.3791			0.0100	6.2		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2674	1.1073	1.0519	1.4191 1.0339	1.4628	Ave		1.2237				15.3		20.0			
Acenaphthene	1.3294	1.1114	0.9871	1.5551 0.9510	1.5100	QuaF		1.2225	-0.002365		0.9000				0.9960		0.9900
2,4-Dinitrophenol	0.1588	0.1720	0.0731 0.1801	0.1051 0.1798	0.1426	Lin2	-0.440	0.1725			0.0100				0.9930		0.9900
4-Nitrophenol	0.2627	0.2736	0.2698	0.2374 0.2632	0.2647	Ave		0.2619			0.0100	4.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
2,4-Dinitrotoluene	0.3847	0.3604 0.3608	0.4181 0.3306	0.3967 0.3124	0.3961	Ave		0.3700			0.2000	9.7		20.0			
Dibenzofuran	2.0177	1.7915	1.5983	2.1993 1.5244	2.2057	Ave		1.8895			0.8000	15.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3437	0.3308	0.3016	0.3344 0.3019	0.3430	Ave		0.3259			0.0100	5.9		20.0			
Diethyl phthalate	1.3255	1.2325	1.1569	1.3667 1.0836	1.3721	Ave		1.2562			0.0100	9.5		20.0			
4-Chlorophenyl phenyl ether	0.6545	0.5797	0.5235	0.7642 0.5079	0.7514	Ave		0.6302			0.4000	17.7		20.0			
Fluorene	1.3969	1.1620	1.0834	1.5633 1.0485	1.5476	Ave		1.3003			0.9000	17.8		20.0			
4-Nitroaniline	0.3101	0.3221	0.3105	0.2971 0.2985	0.3140	Ave		0.3087			0.0100	3.1		20.0			
4,6-Dinitro-2-methylphenol	0.1314	0.1283	0.0811 0.1272	0.1028 0.1226	0.1225	Lin2	-0.197	0.1291			0.0100				0.9980		0.9900
N-Nitrosodiphenylamine	0.7148	0.7346	0.6090	0.7626 0.5947	0.7613	Ave		0.6962			0.0100	10.8		20.0			
1,2-Diphenylhydrazine	1.1955	1.0992	1.0298	1.2728 0.9519	1.2817	Ave		1.1385				11.8		20.0			
4-Bromophenyl phenyl ether	0.2612	0.2350	0.2165	0.2730 0.2032	0.2635	Ave		0.2421			0.1000	11.7		20.0			
Hexachlorobenzene	0.2674 0.2441	0.2597 0.2200	0.2619 0.2064	0.2458 0.1945	0.2547	Ave		0.2394			0.1000	10.9		20.0			
Pentachlorophenol	0.1224	0.1223	0.0785 0.1170	0.1016 0.1113	0.1153	Ave		0.1098			0.0500	14.1		20.0			
Pentachloronitrobenzene	0.0996	0.0865	0.0774	0.0908 0.0764	0.1026	Ave		0.0889			0.0100	12.3		20.0			
n-Octadecane	1.1356	1.0274	0.9850	1.2106 0.9116	1.2194	Ave		1.0816				11.7		20.0			
Phenanthrene	1.1440	1.0303	0.9677	1.2131 0.8870	1.2548	Ave		1.0828			0.7000	13.4		20.0			
Anthracene	1.2223	1.0540	0.9938	1.2928 0.9051	1.2926	Ave		1.1268			0.7000	14.7		20.0			
Carbazole	1.0219	0.9662	0.8928	1.0657 0.8252	1.0658	Ave		0.9729			0.0100	10.1		20.0			
Di-n-butyl phthalate	1.1929	1.0979	1.0564	1.1682 0.9810	1.2386	Ave		1.1225			0.0100	8.5		20.0			
Fluoranthene	1.0095	0.9361	0.9050	0.9868 0.8519	1.0666	Ave		0.9593			0.6000	8.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
Benzidine	0.5656	0.5475	0.5538	0.4709 0.5565	0.5216	Ave		0.5360				6.6		20.0			
Pyrene	1.8993	1.7028	1.6859	2.0377 1.6736	2.0222	Ave		1.8369			0.6000	9.3		20.0			
Bisphenol-A	0.6410	0.6312	0.6494	0.5896 0.6735	0.6387	Ave		0.6372				4.3		20.0			
Butyl benzyl phthalate	0.7379	0.6931	0.7061	0.7490 0.7108	0.7828	Ave		0.7299			0.0100	4.5		20.0			
2,3,7,8-TCDD		0.0887				Ave		0.0887						20.0			
Carbamazepine	0.4958	0.5330	0.5237	0.3942 0.5312	0.4650	Ave		0.4905				11.0		20.0			
3,3'-Dichlorobenzidine	0.4498	0.4635	0.4119 0.4107	0.4329 0.4394	0.4340	Ave		0.4346			0.0100	4.4		20.0			
Benzo[a]anthracene	1.3285 1.2938	1.4393 1.2380	1.3695 1.2451	1.3425 1.2205	1.3059	Ave		1.3092			0.8000	5.4		20.0			
Bis(2-ethylhexyl) phthalate	0.9449	0.8756	0.8649	1.0297 0.8640	0.9821	Ave		0.9269			0.0100	7.5		20.0			
Chrysene	1.1740	1.1129	1.0583	1.2880 1.0313	1.2321	Ave		1.1494			0.7000	8.7		20.0			
Di-n-octyl phthalate	2.1042	2.0306	2.0109	2.0181 2.0049	2.1358	Ave		2.0508			0.0100	2.7		20.0			
Benzo[b]fluoranthene	1.3718 1.3325	1.4329 1.2902	1.4371 1.3498	1.3296 1.2936	1.3244	Ave		1.3513			0.7000	4.0		20.0			
Benzo[k]fluoranthene	1.5142 1.3380	1.4092 1.3008	1.4192 1.2412	1.3194 1.2294	1.4048	Ave		1.3529			0.7000	6.8		20.0			
Benzo[a]pyrene	1.2013 1.2481	1.2906 1.2023	1.2652 1.1696	1.2856 1.1506	1.1987	Ave		1.2236			0.7000	4.1		20.0			
Indeno[1,2,3-cd]pyrene	1.0190 0.9708	0.9962 0.9981	0.9754 0.9749	0.9399 0.9885	0.9618	Ave		0.9805			0.5000	2.4		20.0			
Dibenz(a,h)anthracene	0.9255 0.9724	0.8631 0.9321	0.8668 0.9206	0.9263 0.9184	0.9069	Ave		0.9147			0.4000	3.7		20.0			
Benzo[g,h,i]perylene	0.9665	0.9411	0.9253	0.9374 0.9429	0.9430	Ave		0.9427			0.5000	1.4		20.0			
2-Fluorophenol (Surr)	1.8271	1.7953 1.6760	1.8757 1.5319	1.7887 1.4473	1.9696	Ave		1.7390				10.1		20.0			
Phenol-d5 (Surr)	2.1429	2.3824 1.9667	2.5170 1.7739	2.2646 1.6686	2.3543	Ave		2.1338				14.3		20.0			
Nitrobenzene-d5 (Surr)	0.5683 0.4974	0.5469 0.4858	0.5888 0.4414	0.5299 0.4222	0.5292	Ave		0.5122				10.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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-Fluorobiphenyl	2.1047 1.9250	2.1760 1.7838	2.3072 1.5485	2.0656 1.4731	2.1228	Ave		1.9452				14.8		20.0			
2,4,6-Tribromophenol (Surr)	 0.1777	0.1579 0.1721	0.1879 0.1605	0.1664 0.1523	0.1916	Ave		0.1708				8.3		20.0			
Terphenyl-d14 (Surr)	1.2719 1.2141	1.2839 1.1361	1.3877 1.1120	1.3235 1.0853	1.3162	Ave		1.2367				8.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-300883/10	z1439.D
Level 2	STD1 460-300883/9	z1438.D
Level 3	STD2 460-300883/8	z1437.D
Level 4	STD5 460-300883/7	z1436.D
Level 5	STD10 460-300883/6	z1435.D
Level 6	STD20 460-300883/5	z1434.D
Level 7	ICIS 460-300883/2	z1431.D
Level 8	STD80 460-300883/4	z1433.D
Level 9	STD120 460-300883/3	z1432.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	115377	247223	333960	27346 441037	51750	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	175876	410736	563290	43309 748241	83026	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	289736	640952	872574	70200 1199448	143614	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	362066	694089	912035	88862 1173758	168840	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	405265	854941	1117771	102675 1454842	200991	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	6885 263390	14465 568557	29290 762125	65998 1070214	126719	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	249536	528992	705212	64294 930762	121454	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	462413	968185	1318000	116748 1696596	216119	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	252345	503919	664081	63385 856643	118614	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	239067	487538	651949	61062 841671	114658	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	157916	345946	477485	36411 605814	76666	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	233228	459378	602852	59496 755435	112739	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	226161	464124	605586	56695 786285	111914	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	585517	1238372	1674405	149648 2142830	293128	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetophenone	DCB	Ave	271911	537666	740220	80974 990210	144282	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	4912 146020	10095 314190	19220 438891	43028 590585	80146	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	234149	431827	625664	65662 833622	121487	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	234149	430123	622912	64519 826592	121487	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	2666 101883	5653 213522	11341 290256	26589 369477	50605	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	9843 316397	19576 659140	37871 896662	87636 1158705	164293	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	9261 316520	18865 623477	37506 813446	89269 1073871	173422	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	398040	862458	47969 1210059	106515 1635064	198839	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	115510	245822	339401	27864 442067	56086	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	189382	393036	536523	49829 699024	95472	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	253619	544413	757435	70263 997399	130298	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	88142	242736	350960	11379 440994	30468	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	157876	328642	19104 431976	42871 548092	80830	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	4785 177163	10208 353469	19977 478995	44914 614033	87347	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	595030	1173055	1602904	162079 2051215	305685	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	249868	510669	686991	67946 897044	126390	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	105013	6432 213925	11655 299033	27274 385008	51895	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	165690	345852	473217	44012 611150	84874	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	348946	683981	912564	95092 1195302	181237	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	316465	644745	847017	86215 1110886	166359	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	100547	200323	286685	25249 401293	48165	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	142548	285490	381647	41249 496464	73401	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	229362	468218	627562	62232 840116	120954	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	95934	199519	10884 279443	24769 368288	49725	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	98887	208871	275296	25475 368788	49107	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	391220	757239	987400	108975 1319263	201509	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	297880	588807	779235	83674 1000171	153260	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	207874	432492	569737	57260 752319	110799	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	124977	271947	391291	34351 417066	65893	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	254274	477805	629863	70886 811386	137178	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	257673	536521	731867	72093 959409	135168	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	88556	183765	250901	24798 335034	45635	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Lin2	63342	3579 137948	7259 189776	16845 249553	32998	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	445454	896267	1215785	123472 1604480	230087	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	75110	161987	233493	20200 312297	37774	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	244748	488773	686652	71331 917139	135797	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	QuaF	256730	490599	644302	78169 843597	140187	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	61347	151878	2984 235129	10568 318986	26479	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	101464	241499	352220	23871 466873	49151	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	74287	3793 159241	8538 215787	19940 277150	36769	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	389637	790796	1043323	110547 1352213	204765	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	66372	145998	196850	16808 267806	31844	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	255968	544053	755185	68698 961268	127378	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	126400	255872	341747	38415 450548	69758	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	269760	512900	707168	78582 930102	143677	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	59892	142193	202679	14934 264825	29154	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	72388	164888	5091 243637	14680 328111	33165	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	196836	472076	583366	54441 795608	103070	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	329197	706371	986522	90863 1273408	173523	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	71914	151000	207435	19490 271860	35679	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1948 67225	4070 141406	8221 197718	17550 260265	34479	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Ave	67388	157229	4927 224111	14509 297903	31207	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	27420	55618	74128	6480 102160	13896	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	312718	660235	943572	86424 1219606	165094	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	315028	662115	927036	86601 1186691	169880	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	336582	677347	952016	92294 1210866	175002	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	281389	620921	855268	76080 1104005	144296	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	328478	705532	1012015	83395 1312439	167687	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	277975	601564	866951	70445 1139695	144402	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	155738	351870	530538	33621 744523	70614	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	274731	631469	882016	70478 1132663	144273	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	92725	234062	339720	20391 455824	45567	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	106735	257022	369386	25906 481099	55848	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		329					0.500			
Carbamazepine	CRY	Ave	71717	197666	273995	13634 359502	33173	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	65062	171901	6167 214881	14974 297402	30967	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	4760 187151	10735 459087	20505 651374	46434 826051	93169	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	136675	324723	452479	35616 584718	70066	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	169825	412694	553637	44549 698001	87903	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	225253	578144	810601	50353 1022806	109441	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	3363 142637	7592 367324	14862 544078	33174 659912	67866	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	3712 143232	7466 370358	14677 500313	32921 627174	71983	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2945 133605	6838 342312	13084 471473	32077 586979	61424	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2498 103925	5278 284162	10087 392978	23451 504263	49283	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2269 104090	4573 265389	8964 371077	23112 468516	46470	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	103459	267936	372986	23389 481032	48323	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCB	Ave	279441	13726 603754	28701 789295	65005 1008096	138149	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCB	Ave	327737	18215 708491	38514 913955	82299 1162230	165129	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	7027 249106	14088 563587	30266 756016	65788 974076	128468	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	10412 371738	22900 787377	47114 1010778	103831 1306728	197075	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	34307	1662 75963	3838 104798	8365 135107	17785	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	4557 175620	9576 421326	20778 581753	45778 734492	93903	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 26-May-2015 12:46:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027782-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:42 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: zhaoc Date: 26-May-2015 14:04:54

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.653	1.653	0.000	89	247223	50.0	48.9	
	2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	81	410736	50.0	50.1	
	3 Pyridine	79	1.905	1.905	0.000	74	640952	50.0	48.2	
$	4 2-Fluorophenol	112	3.023	3.023	0.000	89	603754	50.0	48.2	
$	6 Phenol-d5	99	3.958	3.958	0.000	96	708491	50.0	46.1	
	7 Phenol	94	3.970	3.970	0.000	94	694089	50.0	45.9	
	8 Aniline	93	3.982	3.982	0.000	96	854941	50.0	47.6	
	9 Bis(2-chloroethyl)ether	93	4.047	4.047	0.000	93	568557	50.0	45.4	
	10 Benzonitrile	103	4.070	4.070	0.000	0	1060302	NC	NC	
	11 2-Chlorophenol	128	4.105	4.105	0.000	90	528992	50.0	47.3	
	12 n-Decane	43	4.158	4.158	0.000	93	968185	50.0	47.4	
	13 1,3-Dichlorobenzene	146	4.258	4.258	0.000	90	503919	50.0	46.6	
*	14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	288195	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.329	4.329	0.000	89	487538	50.0	46.6	
	16 Benzyl alcohol	108	4.452	4.452	0.000	91	345946	50.0	49.0	
	17 1,2-Dichlorobenzene	146	4.482	4.482	0.000	90	459378	50.0	46.1	
	18 2-Methylphenol	108	4.570	4.570	0.000	89	464124	50.0	47.0	
	19 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	93	1238372	50.0	47.1	
	20 N-Methylaniline	106	4.711	4.711	0.000	0	698967	NC	NC	
	22 Acetophenone	105	4.723	4.723	0.000	94	537666	50.0	43.0	
	21 N-Nitrosodi-n-propylamine	70	4.729	4.729	0.000	95	314190	50.0	40.1	
	23 3 & 4 Methylphenol	108	4.735	4.735	0.000	86	431827	50.0	41.4	M
	24 4-Methylphenol	108	4.735	4.735	0.000	90	430123	50.0	41.5	M
	25 Hexachloroethane	117	4.823	4.823	0.000	95	213522	50.0	44.3	
$	26 Nitrobenzene-d5	82	4.870	4.870	0.000	95	563587	50.0	47.4	
	27 Nitrobenzene	77	4.894	4.894	0.000	84	659140	50.0	43.3	
	28 n,n'-Dimethylaniline	120	4.899	4.899	0.000	92	623477	50.0	40.3	
	31 Isophorone	82	5.135	5.135	0.000	98	862458	50.0	46.8	
	32 2-Nitrophenol	139	5.211	5.211	0.000	81	245822	50.0	49.4	
	33 2,4-Dimethylphenol	122	5.264	5.264	0.000	88	393036	50.0	47.8	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	34 Bis(2-chloroethoxy)methane	93	5.352	5.352	0.000	96	544413	50.0	47.7	
	35 Benzoic acid	122	5.417	5.417	0.000	90	242736	50.0	53.6	
	36 2,4-Dichlorophenol	162	5.458	5.458	0.000	90	328642	50.0	46.4	
	37 1,2,4-Trichlorobenzene	180	5.541	5.541	0.000	93	353469	50.0	44.3	
*	38 Naphthalene-d8	136	5.599	5.599	0.000	99	928075	40.0	40.0	
	39 Naphthalene	128	5.617	5.617	0.000	98	1173055	50.0	46.0	
	40 4-Chloroaniline	127	5.670	5.670	0.000	93	510669	50.0	47.2	
	41 Hexachlorobutadiene	225	5.752	5.752	0.000	94	213925	50.0	44.8	
	43 4-Chloro-3-methylphenol	107	6.170	6.170	0.000	95	345852	50.0	47.7	
	44 2-Methylnaphthalene	142	6.311	6.311	0.000	85	683981	50.0	45.9	
	45 1-Methylnaphthalene	142	6.411	6.411	0.000	95	644745	50.0	47.1	
	46 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	95	200323	50.0	47.2	
	47 1,2,4,5-Tetrachlorobenzene	216	6.488	6.488	0.000	96	285490	50.0	46.9	
	48 2-tertbutyl-4-methylphenol	149	6.523	6.523	0.000	88	468218	50.0	46.7	
	49 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	86	199519	50.0	47.2	
	50 2,4,5-Trichlorophenol	196	6.635	6.635	0.000	94	208871	50.0	49.7	
$	51 2-Fluorobiphenyl	172	6.682	6.682	0.000	98	787377	50.0	45.9	
	52 1,1'-Biphenyl	154	6.782	6.782	0.000	96	757239	50.0	46.4	
	53 2-Chloronaphthalene	162	6.799	6.799	0.000	96	588807	50.0	47.0	
	54 Phenyl ether	170	6.882	6.882	0.000	89	432492	50.0	48.1	
	55 2-Nitroaniline	65	6.905	6.905	0.000	94	271947	50.0	49.6	
	57 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	92	477805	50.0	45.3	
	58 Dimethyl phthalate	163	7.093	7.093	0.000	98	536521	50.0	47.7	
	59 Coumarin	146	7.111	7.111	0.000	75	183765	50.0	46.8	
	60 2,6-Dinitrotoluene	165	7.146	7.146	0.000	90	137948	50.0	49.4	
	63 Acenaphthylene	152	7.211	7.211	0.000	97	896267	50.0	47.1	
	64 3-Nitroaniline	138	7.311	7.311	0.000	89	161987	50.0	48.4	
*	65 Acenaphthene-d10	164	7.352	7.352	0.000	98	353128	40.0	40.0	
	66 3,5-di-tert-butyl-4-hydrox	205	7.382	7.382	0.000	97	488773	50.0	45.2	
	67 Acenaphthene	154	7.387	7.387	0.000	96	490599	50.0	50.4	
	68 2,4-Dinitrophenol	184	7.417	7.417	0.000	93	151878	100.0	102.3	
	69 4-Nitrophenol	65	7.493	7.493	0.000	96	241499	100.0	104.5	
	70 2,4-Dinitrotoluene	165	7.540	7.540	0.000	91	159241	50.0	48.8	
	71 Dibenzofuran	168	7.558	7.558	0.000	96	790796	50.0	47.4	
	72 2,3,4,6-Tetrachlorophenol	232	7.682	7.682	0.000	93	145998	50.0	50.7	
	73 Diethyl phthalate	149	7.787	7.787	0.000	97	544053	50.0	49.1	
	75 4-Chlorophenyl phenyl ethe	204	7.893	7.893	0.000	83	255872	50.0	46.0	
	74 Fluorene	166	7.893	7.893	0.000	98	512900	50.0	44.7	
	76 4-Nitroaniline	138	7.923	7.923	0.000	95	142193	50.0	52.2	
	77 4,6-Dinitro-2-methylphenol	198	7.952	7.952	0.000	74	164888	100.0	100.9	
	78 N-Nitrosodiphenylamine	169	8.011	8.011	0.000	67	472076	50.0	52.8	
	79 1,2-Diphenylhydrazine	77	8.052	8.052	0.000	99	706371	50.0	48.3	
$	80 2,4,6-Tribromophenol	330	8.134	8.134	0.000	93	75963	50.0	50.4	
	81 4-Bromophenyl phenyl ether	248	8.376	8.376	0.000	85	151000	50.0	48.5	
	82 Hexachlorobenzene	284	8.446	8.446	0.000	98	141406	50.0	46.0	
	84 Pentachlorophenol	266	8.640	8.640	0.000	91	157229	100.0	111.4	
	85 Pentachloronitrobenzene	237	8.652	8.652	0.000	87	55618	50.0	48.7	
	86 n-Octadecane	57	8.717	8.717	0.000	90	660235	50.0	47.5	
*	87 Phenanthrene-d10	188	8.817	8.817	0.000	99	514117	40.0	40.0	
	88 Phenanthrene	178	8.840	8.840	0.000	99	662115	50.0	47.6	
	89 Anthracene	178	8.893	8.893	0.000	98	677347	50.0	46.8	
	90 Carbazole	167	9.046	9.046	0.000	95	620921	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	705532	50.0	48.9	
92 Fluoranthene	202	10.017	10.017	0.000	98	601564	50.0	48.8	
93 Benzidine	184	10.140	10.140	0.000	100	351870	50.0	51.1	M
94 Pyrene	202	10.240	10.240	0.000	98	631469	50.0	46.3	
95 Bisphenol-A	213	10.287	10.287	0.000	99	234062	50.0	49.5	
$ 96 Terphenyl-d14	244	10.399	10.399	0.000	99	421326	50.0	45.9	
97 Butyl benzyl phthalate	149	10.923	10.923	0.000	98	257022	50.0	47.5	
98 2,3,7,8-TCDD	320	11.040	11.040	0.000	9	329	0.5000	0.5000	
99 Carbamazepine	193	11.046	11.046	0.000	93	197666	50.0	54.3	
100 3,3'-Dichlorobenzidine	252	11.546	11.546	0.000	99	171901	50.0	53.3	
101 Benzo[a]anthracene	228	11.575	11.575	0.000	99	459087	50.0	47.3	
* 102 Chrysene-d12	240	11.587	11.587	0.000	99	296675	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.617	11.617	0.000	91	324723	50.0	47.2	
103 Chrysene	228	11.622	11.622	0.000	99	412694	50.0	48.4	
105 Di-n-octyl phthalate	149	12.464	12.464	0.000	97	578144	50.0	49.5	
106 Benzo[b]fluoranthene	252	12.975	12.975	0.000	98	367324	50.0	47.7	
107 Benzo[k]fluoranthene	252	13.017	13.017	0.000	99	370358	50.0	48.1	
108 Benzo[a]pyrene	252	13.422	13.422	0.000	96	342312	50.0	49.1	
* 109 Perylene-d12	264	13.499	13.499	0.000	97	227768	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.011	15.011	0.000	99	284162	50.0	50.9	M
111 Dibenz(a,h)anthracene	278	15.046	15.046	0.000	96	265389	50.0	51.0	
112 Benzo[g,h,i]perylene	276	15.434	15.434	0.000	96	267936	50.0	49.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

Report Date: 27-May-2015 13:11:43 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D

Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11 Operator ID:

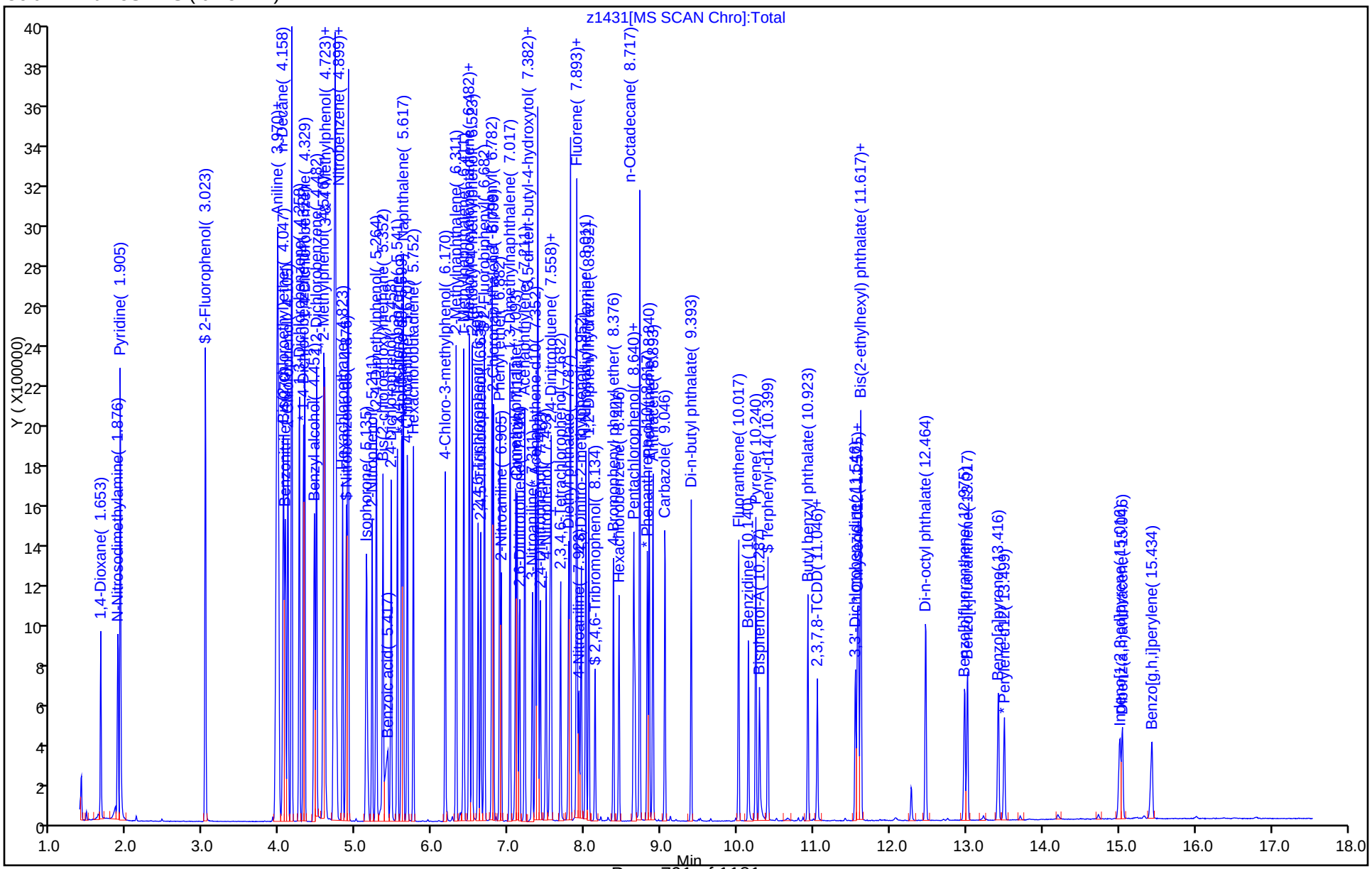
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



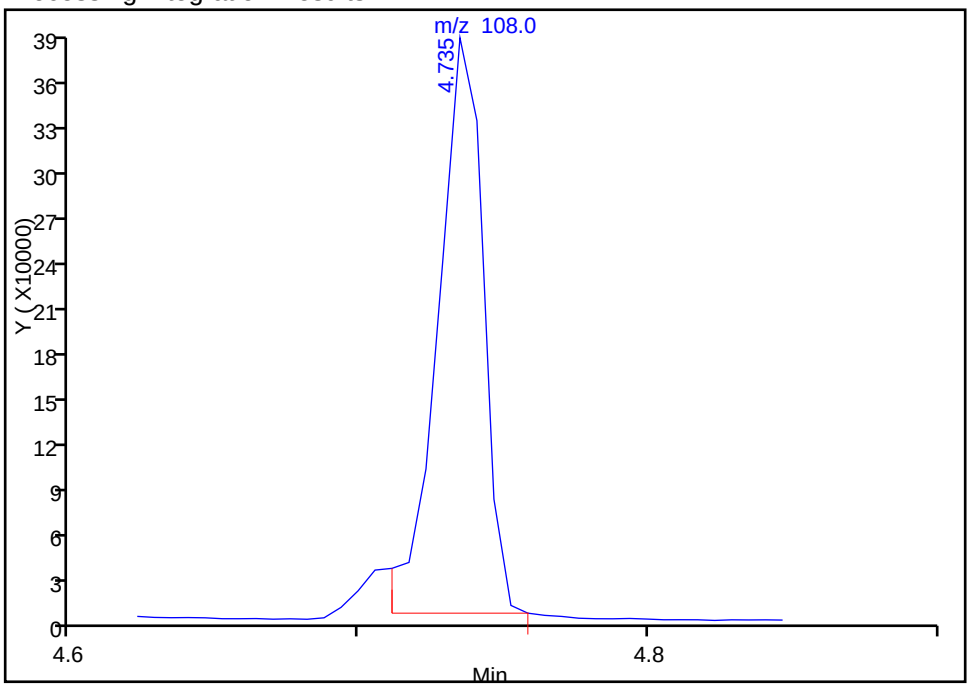
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

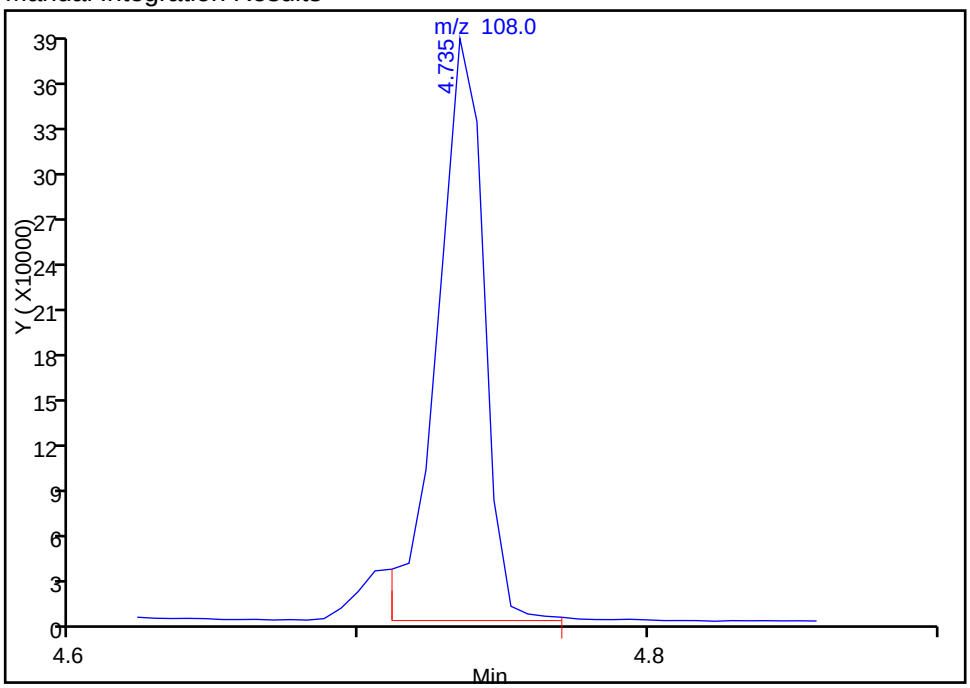
Processing Integration Results

RT: 4.73
Area: 416115
Amount: 48.913539
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 431827
Amount: 41.431405
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:41:06
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

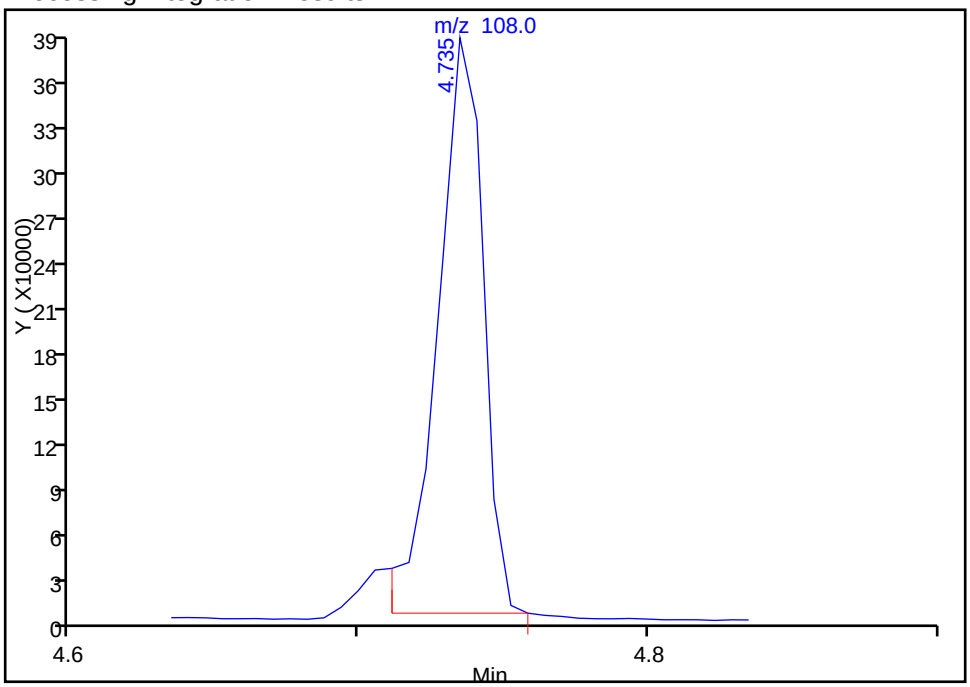
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

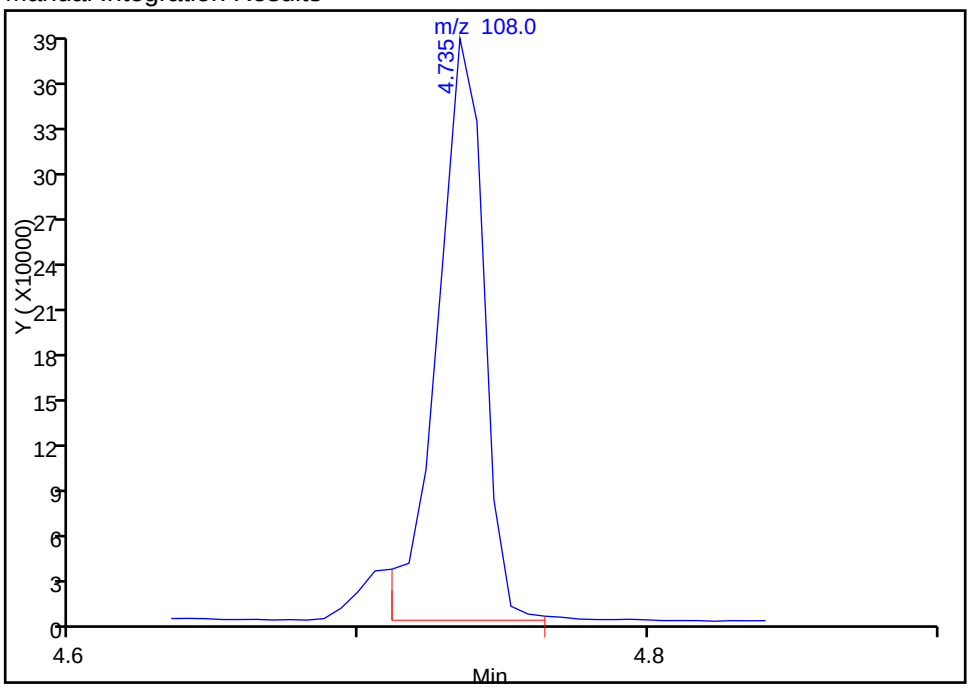
Processing Integration Results

RT: 4.73
Area: 416115
Amount: 48.913539
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 430123
Amount: 41.514794
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:21:19
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

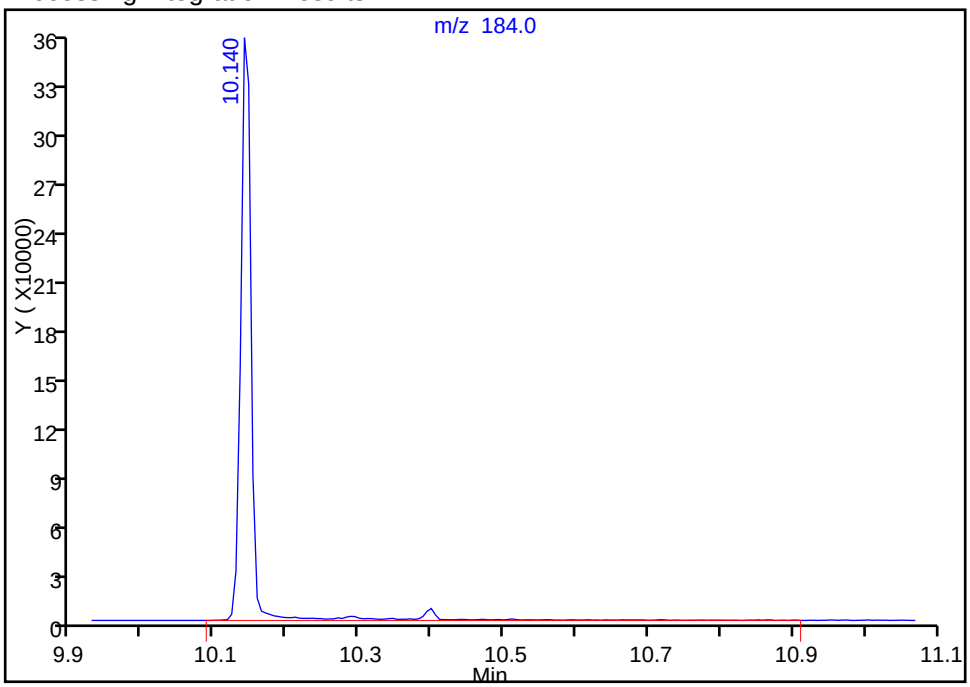
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D				
Injection Date:	26-May-2015 12:46:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Benzidine, CAS: 92-87-5

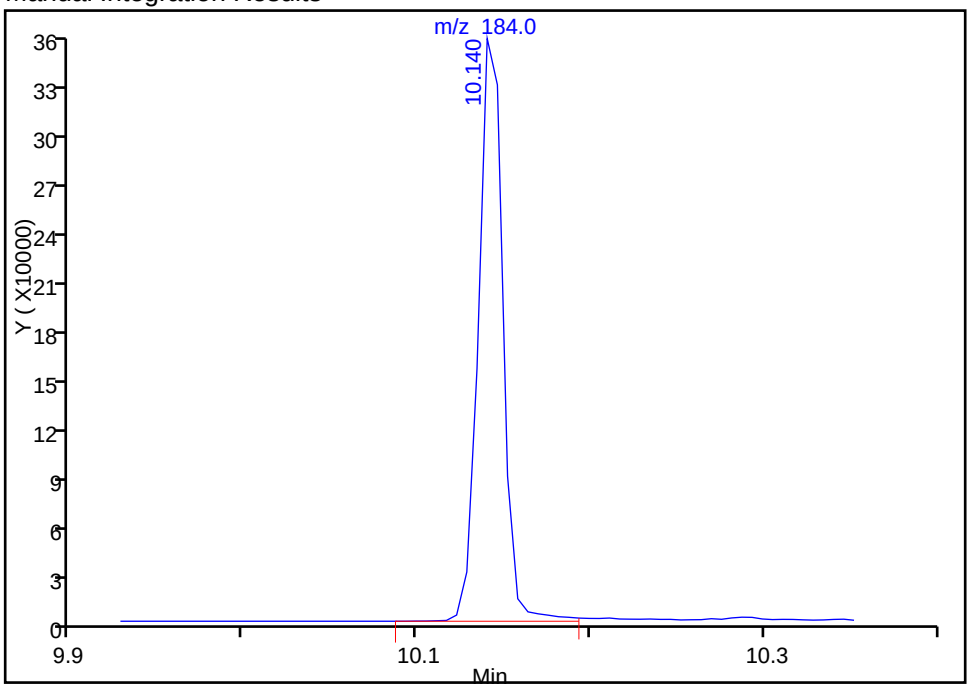
Processing Integration Results

RT: 10.14
Area: 380394
Amount: 52.201004
Amount Units: ug/ml



Manual Integration Results

RT: 10.14
Area: 351870
Amount: 51.076118
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:23:59
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

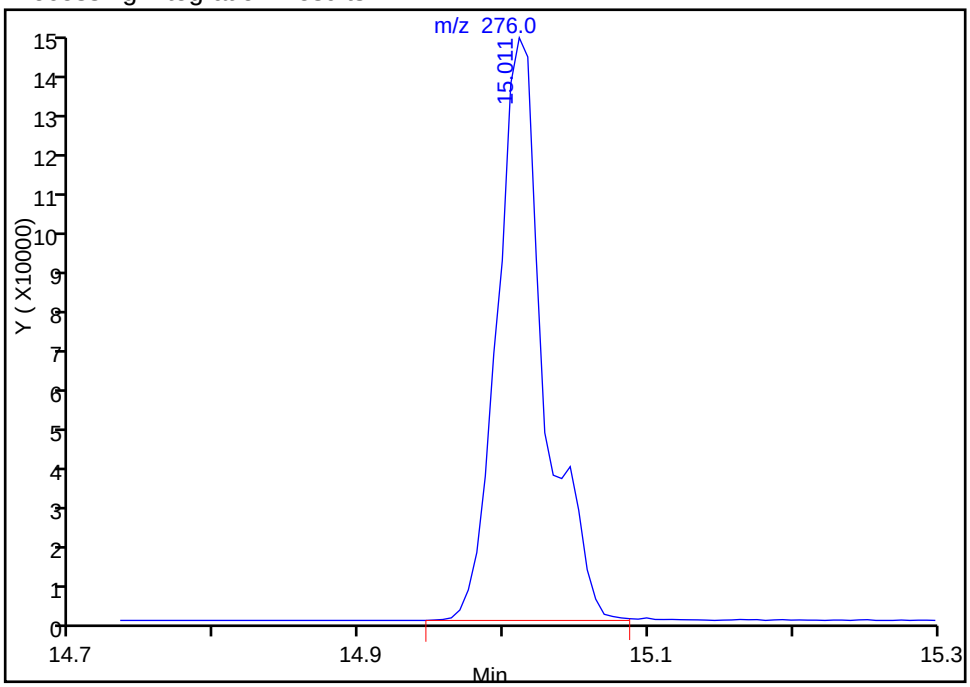
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

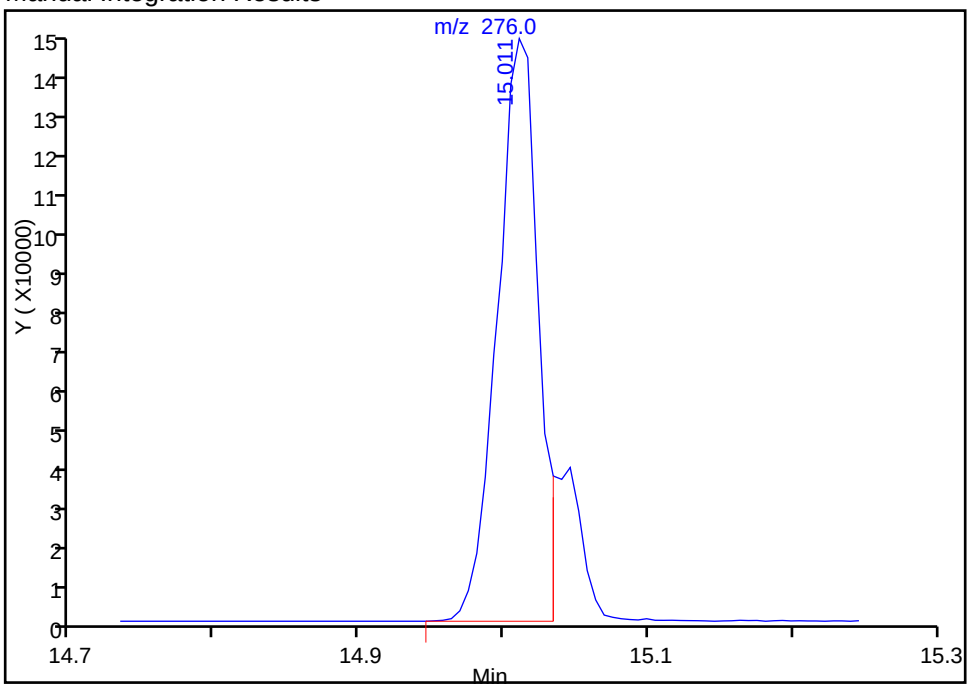
Processing Integration Results

RT: 15.01
Area: 327037
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 15.01
Area: 284162
Amount: 50.896478
Amount Units: ug/ml



Reviewer: zhaoc, 26-May-2015 14:04:54
Audit Action: Split an Integrated Peak
Audit Reason: Other

Report Date: 27-May-2015 13:11:48 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-May-2015 13:35:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:47 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:29:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.641	1.653	-0.012	89	441037	120.0	108.2	
2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	81	748241	120.0	113.2	
3 Pyridine	79	1.900	1.905	-0.005	74	1199448	120.0	112.0	
$ 4 2-Fluorophenol	112	3.029	3.023	0.006	88	1008096	120.0	99.9	
$ 6 Phenol-d5	99	3.976	3.958	0.018	87	1162230	120.0	93.8	
7 Phenol	94	3.994	3.970	0.024	94	1173758	120.0	96.3	
8 Aniline	93	3.999	3.982	0.017	96	1454842	120.0	100.4	
9 Bis(2-chloroethyl)ether	93	4.058	4.047	0.012	91	1070214	120.0	106.0	
10 Benzonitrile	103	4.094	4.070	0.024	0	1863538	NC	NC	
11 2-Chlorophenol	128	4.117	4.105	0.012	91	930762	120.0	103.4	
12 n-Decane	43	4.164	4.158	0.006	93	1696596	120.0	103.2	
13 1,3-Dichlorobenzene	146	4.264	4.258	0.006	89	856643	120.0	98.4	
* 14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	232176	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.335	4.329	0.006	87	841671	120.0	99.9	
16 Benzyl alcohol	108	4.470	4.452	0.018	90	605814	120.0	106.4	
17 1,2-Dichlorobenzene	146	4.488	4.482	0.006	94	755435	120.0	94.1	
18 2-Methylphenol	108	4.582	4.570	0.012	89	786285	120.0	98.8	
19 2,2'-oxybis[1-chloropropan	45	4.599	4.588	0.011	93	2142830	120.0	101.2	
20 N-Methylaniline	106	4.717	4.711	0.006	0	1224322	NC	NC	
22 Acetophenone	105	4.741	4.723	0.018	94	990210	120.0	98.3	
21 N-Nitrosodi-n-propylamine	70	4.776	4.729	0.047	95	590585	120.0	93.5	
23 3 & 4 Methylphenol	108	4.758	4.735	0.023	86	833622	120.0	99.3	M
24 4-Methylphenol	108	4.758	4.735	0.023	90	826592	120.0	99.0	M
25 Hexachloroethane	117	4.829	4.823	0.006	94	369477	120.0	95.1	
$ 26 Nitrobenzene-d5	82	4.888	4.870	0.018	96	974076	120.0	98.9	
27 Nitrobenzene	77	4.911	4.894	0.017	85	1158705	120.0	91.9	
28 n,n'-Dimethylaniline	120	4.911	4.899	0.012	88	1073871	120.0	86.1	
31 Isophorone	82	5.158	5.135	0.023	99	1635064	120.0	107.0	
32 2-Nitrophenol	139	5.223	5.211	0.012	80	442067	120.0	107.1	
33 2,4-Dimethylphenol	122	5.282	5.264	0.018	87	699024	120.0	102.5	
34 Bis(2-chloroethoxy)methane	93	5.364	5.352	0.012	94	997399	120.0	105.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.458	5.417	0.041	91	440994	120.0	114.1	
36 2,4-Dichlorophenol	162	5.476	5.458	0.018	90	548092	120.0	93.3	
37 1,2,4-Trichlorobenzene	180	5.546	5.541	0.005	93	614033	120.0	92.8	
* 38 Naphthalene-d8	136	5.605	5.599	0.006	99	769066	40.0	40.0	
39 Naphthalene	128	5.629	5.617	0.012	99	2051215	120.0	97.2	
40 4-Chloroaniline	127	5.682	5.670	0.012	92	897044	120.0	100.1	
41 Hexachlorobutadiene	225	5.758	5.752	0.006	95	385008	120.0	97.4	
43 4-Chloro-3-methylphenol	107	6.176	6.170	0.006	95	611150	120.0	101.8	
44 2-Methylnaphthalene	142	6.323	6.311	0.012	85	1195302	120.0	96.9	
45 1-Methylnaphthalene	142	6.417	6.411	0.006	94	1110886	120.0	97.8	
46 Hexachlorocyclopentadiene	237	6.488	6.482	0.006	95	401293	120.0	112.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.493	6.488	0.005	96	496464	120.0	97.3	
48 2-tertbutyl-4-methylphenol	149	6.529	6.523	0.006	87	840116	120.0	101.2	
49 2,4,6-Trichlorophenol	196	6.611	6.599	0.012	87	368288	120.0	104.0	
50 2,4,5-Trichlorophenol	196	6.646	6.635	0.011	93	368788	120.0	104.7	
$ 51 2-Fluorobiphenyl	172	6.688	6.682	0.006	98	1306728	120.0	90.9	
52 1,1'-Biphenyl	154	6.793	6.782	0.011	95	1319263	120.0	96.6	
53 2-Chloronaphthalene	162	6.811	6.799	0.012	95	1000171	120.0	95.4	
54 Phenyl ether	170	6.893	6.882	0.011	89	752319	120.0	99.9	
55 2-Nitroaniline	65	6.917	6.905	0.012	93	417066	120.0	90.9	
57 1,3-Dimethylnaphthalene	156	7.029	7.017	0.012	92	811386	120.0	91.9	
58 Dimethyl phthalate	163	7.111	7.093	0.018	97	959409	120.0	101.9	
59 Coumarin	146	7.123	7.111	0.012	77	335034	120.0	103.0	
60 2,6-Dinitrotoluene	165	7.158	7.146	0.012	87	249553	120.0	107.0	
63 Acenaphthylene	152	7.223	7.211	0.012	97	1604480	120.0	100.6	
64 3-Nitroaniline	138	7.329	7.311	0.018	88	312297	120.0	111.4	
* 65 Acenaphthene-d10	164	7.358	7.352	0.006	97	295689	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.387	7.382	0.005	98	917139	120.0	101.4	
67 Acenaphthene	154	7.393	7.387	0.006	94	843597	120.0	122.3	
68 2,4-Dinitrophenol	184	7.435	7.417	0.018	92	318986	240.0	252.7	
69 4-Nitrophenol	65	7.511	7.493	0.018	95	466873	240.0	241.2	
70 2,4-Dinitrotoluene	165	7.558	7.540	0.018	88	277150	120.0	101.3	
71 Dibenzofuran	168	7.570	7.558	0.012	96	1352213	120.0	96.8	
72 2,3,4,6-Tetrachlorophenol	232	7.693	7.682	0.011	94	267806	120.0	111.2	
73 Diethyl phthalate	149	7.799	7.787	0.012	97	961268	120.0	103.5	
75 4-Chlorophenyl phenyl ethe	204	7.899	7.893	0.006	84	450548	120.0	96.7	
74 Fluorene	166	7.905	7.893	0.012	98	930102	120.0	96.8	
76 4-Nitroaniline	138	7.946	7.923	0.023	96	264825	120.0	116.0	
77 4,6-Dinitro-2-methylphenol	198	7.970	7.952	0.018	80	328111	240.0	229.5	
78 N-Nitrosodiphenylamine	169	8.029	8.011	0.018	82	795608	120.0	102.5	
79 1,2-Diphenylhydrazine	77	8.064	8.052	0.012	98	1273408	120.0	100.3	
$ 80 2,4,6-Tribromophenol	330	8.146	8.134	0.012	94	135107	120.0	107.0	
81 4-Bromophenyl phenyl ether	248	8.382	8.376	0.006	81	271860	120.0	100.7	
82 Hexachlorobenzene	284	8.458	8.446	0.012	97	260265	120.0	97.5	
84 Pentachlorophenol	266	8.652	8.640	0.012	91	297903	240.0	243.4	
85 Pentachloronitrobenzene	237	8.664	8.652	0.012	87	102160	120.0	103.1	
86 n-Octadecane	57	8.729	8.717	0.012	90	1219606	120.0	101.1	
* 87 Phenanthrene-d10	188	8.823	8.817	0.006	99	445934	40.0	40.0	
88 Phenanthrene	178	8.852	8.840	0.012	98	1186691	120.0	98.3	
89 Anthracene	178	8.905	8.893	0.012	98	1210866	120.0	96.4	
90 Carbazole	167	9.058	9.046	0.012	96	1104005	120.0	101.8	
91 Di-n-butyl phthalate	149	9.399	9.393	0.006	99	1312439	120.0	104.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.023	10.017	0.006	98	1139695	120.0	106.6	
93 Benzidine	184	10.152	10.140	0.012	100	744523	120.0	124.6	
94 Pyrene	202	10.252	10.240	0.012	98	1132663	120.0	109.3	
95 Bisphenol-A	213	10.299	10.287	0.012	99	455824	120.0	126.8	
$ 96 Terphenyl-d14	244	10.405	10.399	0.006	99	734492	120.0	105.3	
97 Butyl benzyl phthalate	149	10.928	10.923	0.005	99	481099	120.0	116.9	
99 Carbamazepine	193	11.058	11.046	0.012	93	359502	120.0	130.0	
100 3,3'-Dichlorobenzidine	252	11.558	11.546	0.012	99	297402	120.0	121.3	
101 Benzo[a]anthracene	228	11.581	11.575	0.006	98	826051	120.0	111.9	
* 102 Chrysene-d12	240	11.599	11.587	0.012	99	225598	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.622	11.617	0.005	91	584718	120.0	111.9	
103 Chrysene	228	11.634	11.622	0.012	99	698001	120.0	107.7	
105 Di-n-octyl phthalate	149	12.475	12.464	0.011	97	1022806	120.0	117.3	
106 Benzo[b]fluoranthene	252	12.987	12.975	0.012	99	659912	120.0	114.9	
107 Benzo[k]fluoranthene	252	13.028	13.017	0.011	99	627174	120.0	109.0	
108 Benzo[a]pyrene	252	13.428	13.422	0.006	97	586979	120.0	112.8	
* 109 Perylene-d12	264	13.505	13.499	0.006	96	170049	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.028	15.011	0.018	99	504263	120.0	121.0	M
111 Dibenz(a,h)anthracene	278	15.063	15.046	0.017	96	468516	120.0	120.5	
112 Benzo[g,h,i]perylene	276	15.452	15.434	0.018	96	481032	120.0	120.0	
S 119 Total Cresols	1				0			198.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00006 Amount Added: 1.00 Units: mL

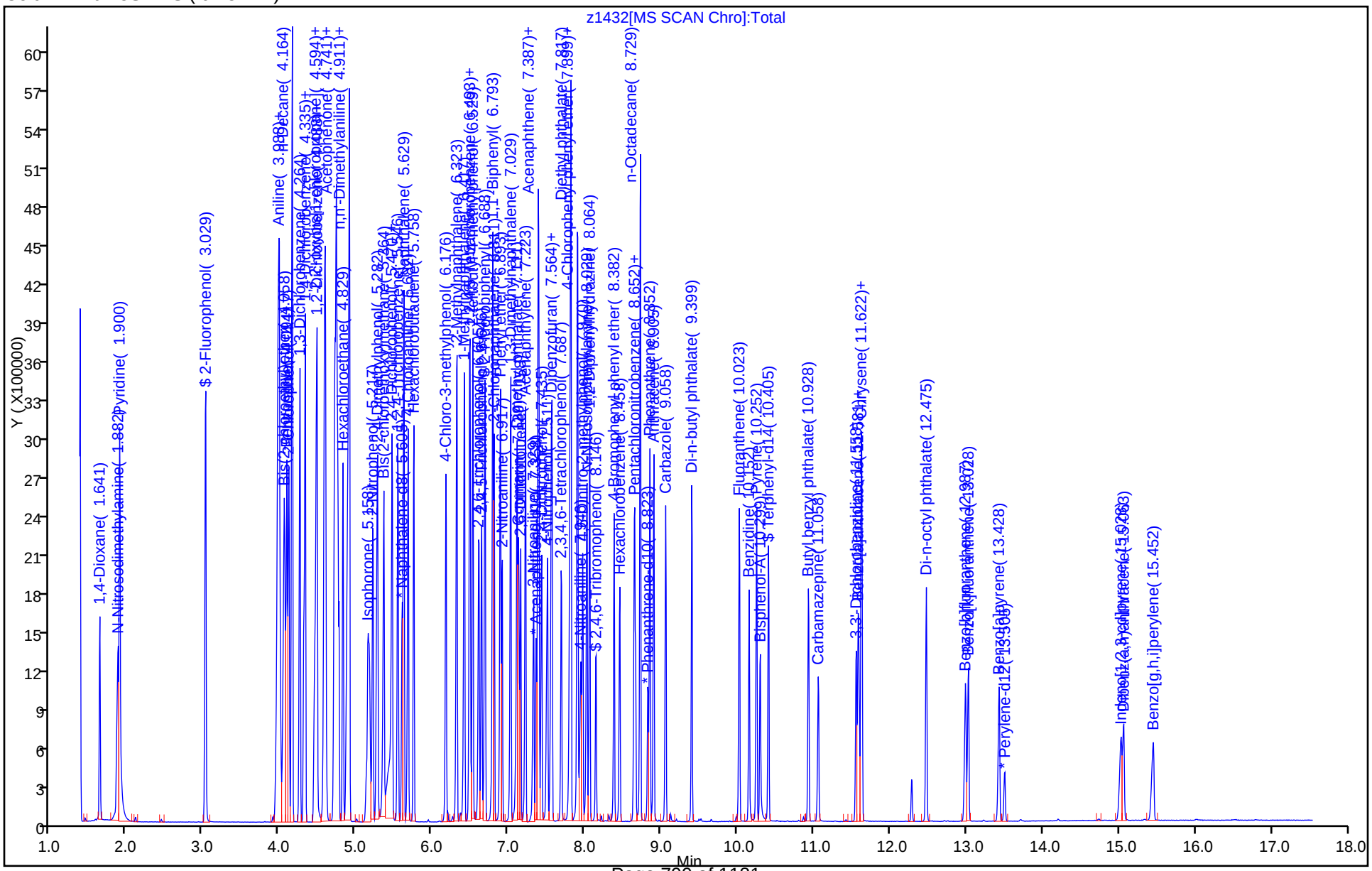
Report Date: 27-May-2015 13:11:48 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D

Injection Date:	26-May-2015 13:35:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

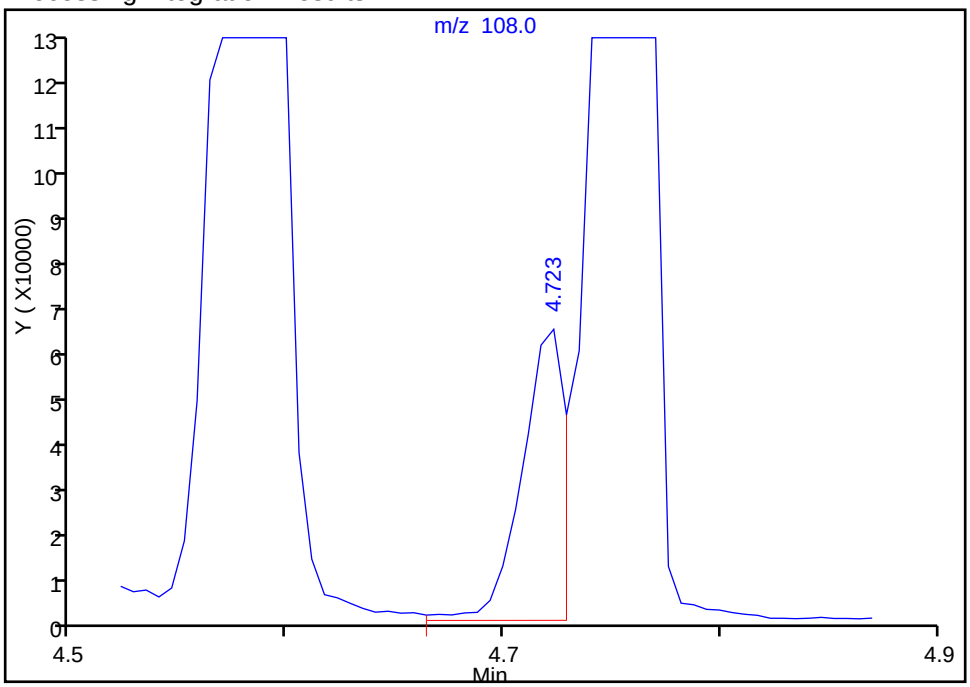
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

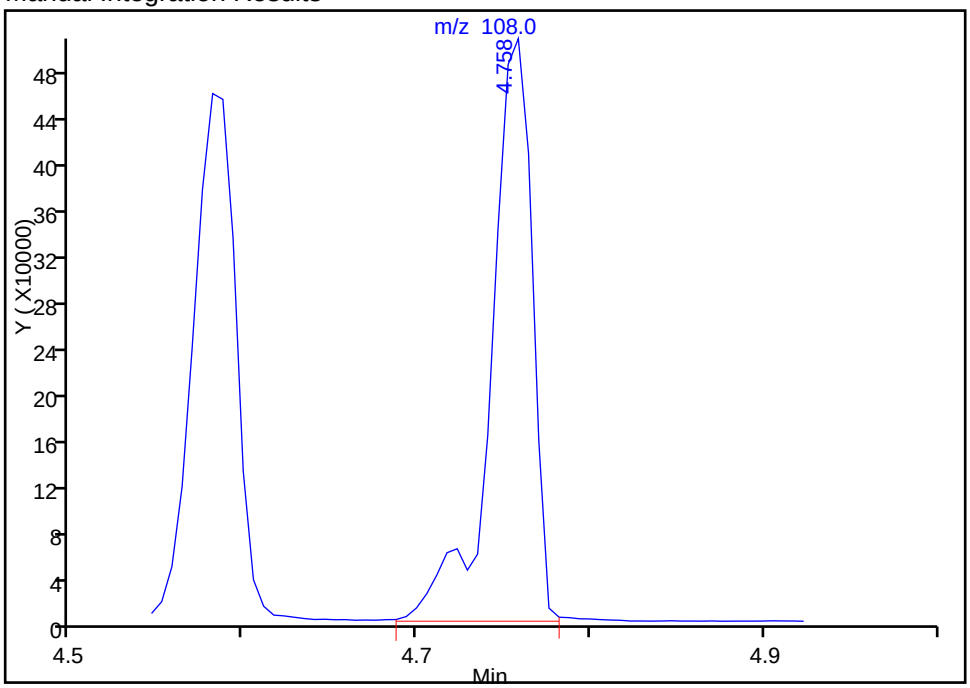
Processing Integration Results

RT: 4.72
Area: 89510
Amount: 12.381538
Amount Units: ug/ml



Manual Integration Results

RT: 4.76
Area: 833622
Amount: 99.279174
Amount Units: ug/ml



Reviewer: bayoumiw, 26-May-2015 19:01:27
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

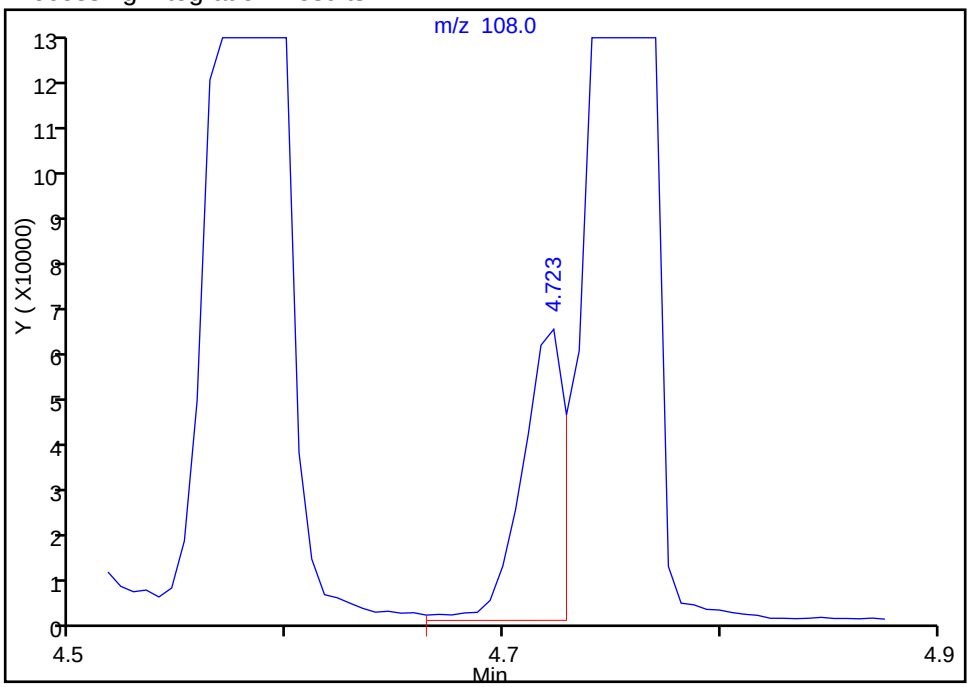
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

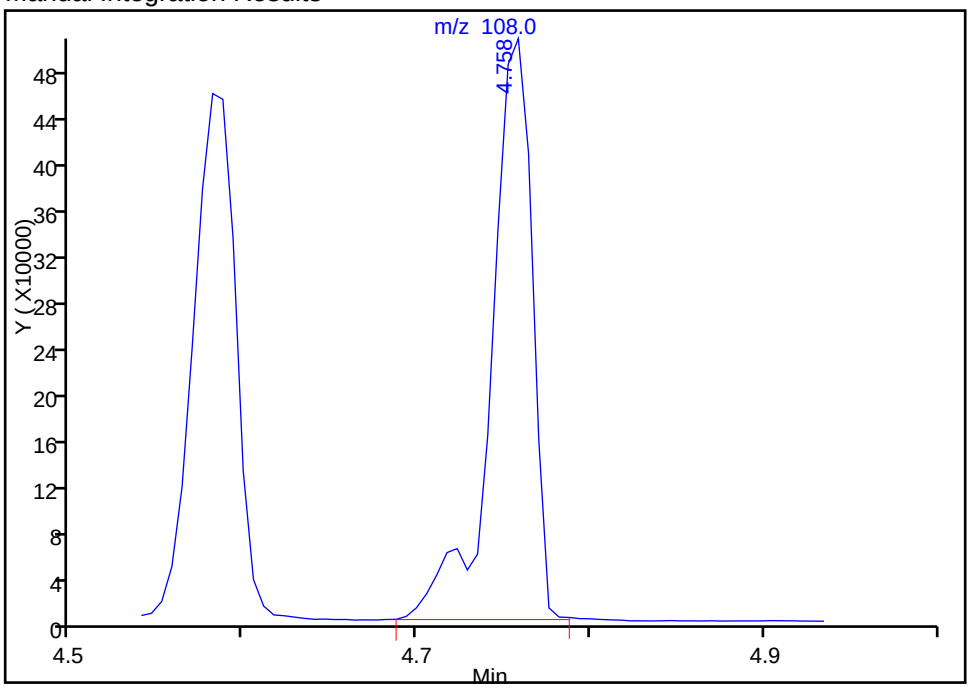
Processing Integration Results

RT: 4.72
Area: 89510
Amount: 12.381538
Amount Units: ug/ml



Manual Integration Results

RT: 4.76
Area: 826592
Amount: 99.030857
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:21:55
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

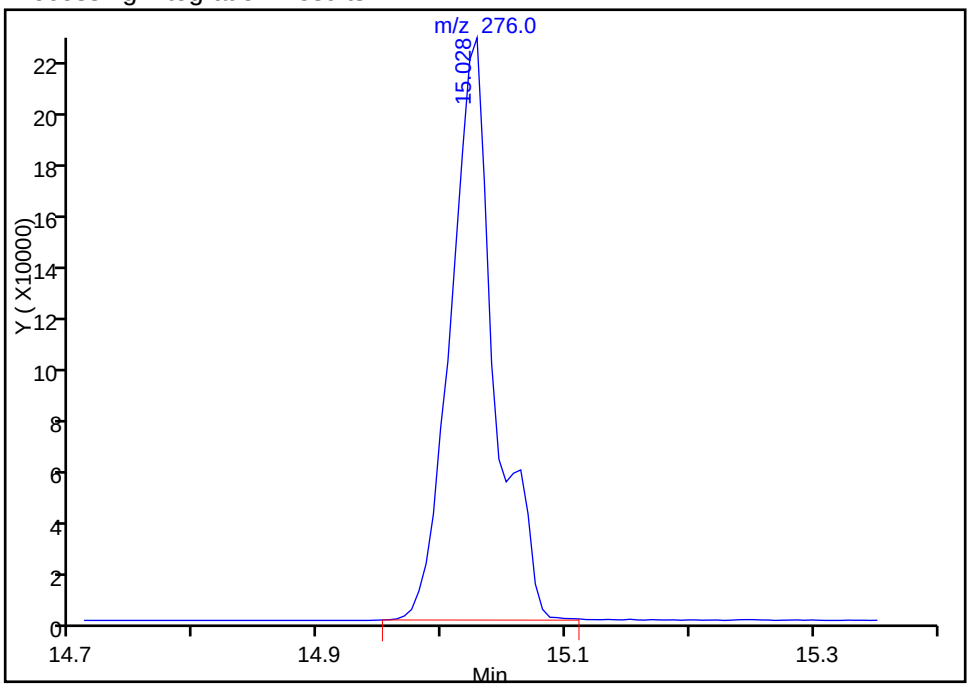
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

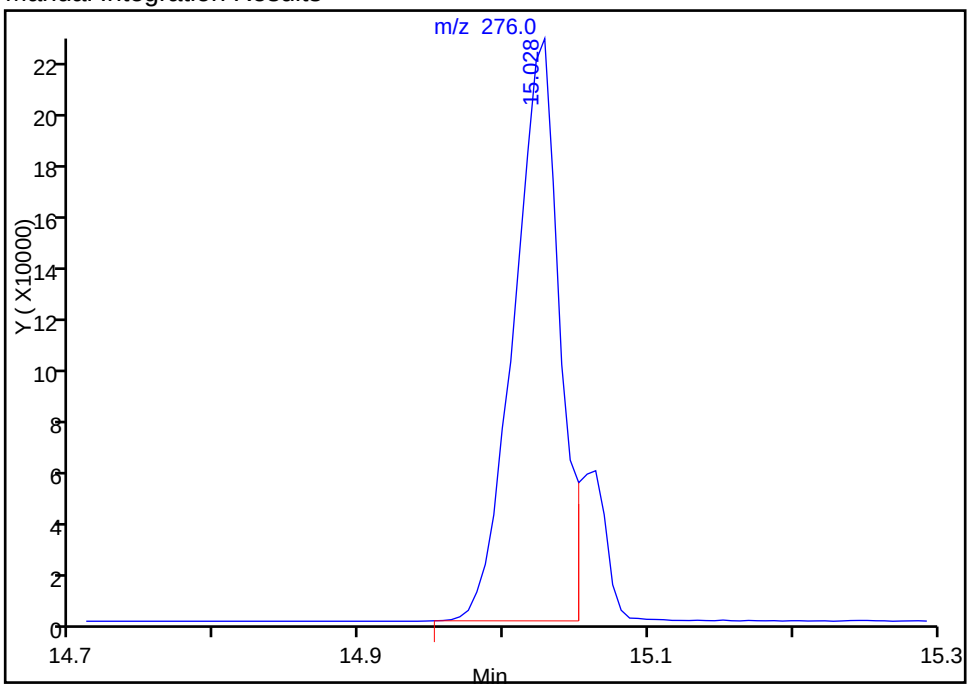
Processing Integration Results

RT: 15.03
Area: 568210
Amount: 120.2029
Amount Units: ug/ml



Manual Integration Results

RT: 15.03
Area: 504263
Amount: 120.9755
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:29:49
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 27-May-2015 13:11:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-May-2015 13:59:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:50 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:30:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.647	1.653	-0.006	89	333960	80.0	73.9	
2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	80	563290	80.0	76.8	
3 Pyridine	79	1.906	1.905	0.001	74	872574	80.0	73.4	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	89	789295	80.0	70.5	
$ 6 Phenol-d5	99	3.964	3.958	0.006	94	913955	80.0	66.5	
7 Phenol	94	3.982	3.970	0.012	89	912035	80.0	67.4	
8 Aniline	93	3.994	3.982	0.012	96	1117771	80.0	69.6	
9 Bis(2-chloroethyl)ether	93	4.052	4.047	0.006	92	762125	80.0	68.0	
10 Benzonitrile	103	4.082	4.070	0.012	0	1414901	NC	NC	
11 2-Chlorophenol	128	4.111	4.105	0.006	89	705212	80.0	70.6	
12 n-Decane	43	4.158	4.158	0.000	93	1318000	80.0	72.2	
13 1,3-Dichlorobenzene	146	4.258	4.258	0.000	89	664081	80.0	68.7	
* 14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	257618	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.329	4.329	0.000	88	651949	80.0	69.8	
16 Benzyl alcohol	108	4.464	4.452	0.012	90	477485	80.0	75.6	
17 1,2-Dichlorobenzene	146	4.482	4.482	0.000	90	602852	80.0	67.7	
18 2-Methylphenol	108	4.582	4.570	0.012	87	605586	80.0	68.6	
19 2,2'-oxybis[1-chloropropan	45	4.594	4.588	0.006	93	1674405	80.0	71.3	
20 N-Methylaniline	106	4.717	4.711	0.006	0	935159	NC	NC	
22 Acetophenone	105	4.729	4.723	0.006	93	740220	80.0	66.2	
21 N-Nitrosodi-n-propylamine	70	4.735	4.729	0.006	94	438891	80.0	62.6	
23 3 & 4 Methylphenol	108	4.747	4.735	0.012	87	625664	80.0	67.2	M
24 4-Methylphenol	108	4.747	4.735	0.012	90	622912	80.0	67.3	M
25 Hexachloroethane	117	4.823	4.823	0.000	95	290256	80.0	67.3	
$ 26 Nitrobenzene-d5	82	4.882	4.870	0.012	96	756016	80.0	68.9	
27 Nitrobenzene	77	4.905	4.894	0.011	81	896662	80.0	63.9	
28 n,n'-Dimethylaniline	120	4.905	4.899	0.006	81	813446	80.0	58.8	
31 Isophorone	82	5.147	5.135	0.012	98	1210059	80.0	71.1	
32 2-Nitrophenol	139	5.217	5.211	0.006	79	339401	80.0	73.9	
33 2,4-Dimethylphenol	122	5.276	5.264	0.012	88	536523	80.0	70.7	
34 Bis(2-chloroethoxy)methane	93	5.358	5.352	0.006	95	757435	80.0	71.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.441	5.417	0.024	88	350960	80.0	82.4	
36 2,4-Dichlorophenol	162	5.464	5.458	0.006	89	431976	80.0	66.1	
37 1,2,4-Trichlorobenzene	180	5.547	5.541	0.005	93	478995	80.0	65.0	
* 38 Naphthalene-d8	136	5.599	5.599	0.000	99	856412	40.0	40.0	
39 Naphthalene	128	5.623	5.617	0.006	98	1602904	80.0	68.2	
40 4-Chloroaniline	127	5.676	5.670	0.006	93	686991	80.0	68.8	
41 Hexachlorobutadiene	225	5.752	5.752	0.000	95	299033	80.0	67.9	
43 4-Chloro-3-methylphenol	107	6.176	6.170	0.006	96	473217	80.0	70.8	
44 2-Methylnaphthalene	142	6.317	6.311	0.006	83	912564	80.0	66.4	
45 1-Methylnaphthalene	142	6.417	6.411	0.006	94	847017	80.0	67.0	
46 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	96	286685	80.0	73.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.494	6.488	0.006	96	381647	80.0	67.8	
48 2-tertbutyl-4-methylphenol	149	6.529	6.523	0.006	87	627562	80.0	67.9	
49 2,4,6-Trichlorophenol	196	6.605	6.599	0.006	86	279443	80.0	71.5	
50 2,4,5-Trichlorophenol	196	6.641	6.635	0.006	93	275296	80.0	70.8	
$ 51 2-Fluorobiphenyl	172	6.688	6.682	0.006	98	1010778	80.0	63.7	
52 1,1'-Biphenyl	154	6.788	6.782	0.006	96	987400	80.0	65.5	
53 2-Chloronaphthalene	162	6.805	6.799	0.006	95	779235	80.0	67.3	
54 Phenyl ether	170	6.888	6.882	0.006	90	569737	80.0	68.6	
55 2-Nitroaniline	65	6.905	6.905	0.000	93	391291	80.0	77.2	
57 1,3-Dimethylnaphthalene	156	7.023	7.017	0.006	93	629863	80.0	64.6	
58 Dimethyl phthalate	163	7.099	7.093	0.006	96	731867	80.0	70.4	
59 Coumarin	146	7.111	7.111	0.000	75	250901	80.0	69.3	
60 2,6-Dinitrotoluene	165	7.152	7.146	0.006	88	189776	80.0	73.7	
63 Acenaphthylene	152	7.217	7.211	0.006	97	1215785	80.0	69.1	
64 3-Nitroaniline	138	7.317	7.311	0.006	90	233493	80.0	75.5	
* 65 Acenaphthene-d10	164	7.352	7.352	0.000	97	326376	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.382	7.382	0.000	97	686652	80.0	68.8	
67 Acenaphthene	154	7.393	7.387	0.006	95	644302	80.0	75.7	
68 2,4-Dinitrophenol	184	7.423	7.417	0.006	92	235129	160.0	169.6	
69 4-Nitrophenol	65	7.499	7.493	0.006	96	352220	160.0	164.8	
70 2,4-Dinitrotoluene	165	7.546	7.540	0.006	91	215787	80.0	71.5	
71 Dibenzofuran	168	7.564	7.558	0.006	98	1043323	80.0	67.7	
72 2,3,4,6-Tetrachlorophenol	232	7.688	7.682	0.006	94	196850	80.0	74.0	
73 Diethyl phthalate	149	7.793	7.787	0.006	97	755185	80.0	73.7	
75 4-Chlorophenyl phenyl ethe	204	7.893	7.893	0.000	82	341747	80.0	66.5	
74 Fluorene	166	7.899	7.893	0.006	98	707168	80.0	66.7	
76 4-Nitroaniline	138	7.929	7.923	0.006	96	202679	80.0	80.5	
77 4,6-Dinitro-2-methylphenol	198	7.964	7.952	0.012	74	243637	160.0	159.1	
78 N-Nitrosodiphenylamine	169	8.017	8.011	0.006	69	583366	80.0	70.0	
79 1,2-Diphenylhydrazine	77	8.052	8.052	0.000	99	986522	80.0	72.4	
$ 80 2,4,6-Tribromophenol	330	8.140	8.134	0.006	94	104798	80.0	75.2	
81 4-Bromophenyl phenyl ether	248	8.376	8.376	0.000	81	207435	80.0	71.6	
82 Hexachlorobenzene	284	8.452	8.446	0.006	98	197718	80.0	69.0	
84 Pentachlorophenol	266	8.640	8.640	0.000	91	224111	160.0	170.5	
85 Pentachloronitrobenzene	237	8.658	8.652	0.006	87	74128	80.0	69.7	
86 n-Octadecane	57	8.723	8.717	0.006	90	943572	80.0	72.9	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	478974	40.0	40.0	
88 Phenanthrene	178	8.846	8.840	0.006	98	927036	80.0	71.5	
89 Anthracene	178	8.893	8.893	0.000	98	952016	80.0	70.6	
90 Carbazole	167	9.052	9.046	0.006	96	855268	80.0	73.4	
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	1012015	80.0	75.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.017	10.017	0.000	98	866951	80.0	75.5	
93 Benzidine	184	10.146	10.140	0.006	100	530538	80.0	82.7	
94 Pyrene	202	10.240	10.240	0.000	98	882016	80.0	73.4	
95 Bisphenol-A	213	10.287	10.287	0.000	98	339720	80.0	81.5	
$ 96 Terphenyl-d14	244	10.399	10.399	0.000	99	581753	80.0	71.9	
97 Butyl benzyl phthalate	149	10.923	10.923	0.000	98	369386	80.0	77.4	
99 Carbamazepine	193	11.052	11.046	0.006	93	273995	80.0	85.4	
100 3,3'-Dichlorobenzidine	252	11.546	11.546	0.000	99	214881	80.0	75.6	
101 Benzo[a]anthracene	228	11.576	11.575	0.001	99	651374	80.0	76.1	
* 102 Chrysene-d12	240	11.587	11.587	0.000	98	261579	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	92	452479	80.0	74.7	
103 Chrysene	228	11.623	11.622	0.001	99	553637	80.0	73.7	
105 Di-n-octyl phthalate	149	12.470	12.464	0.006	97	810601	80.0	78.4	
106 Benzo[b]fluoranthene	252	12.981	12.975	0.006	99	544078	80.0	79.9	
107 Benzo[k]fluoranthene	252	13.017	13.017	0.000	99	500313	80.0	73.4	
108 Benzo[a]pyrene	252	13.422	13.422	0.000	96	471473	80.0	76.5	
* 109 Perylene-d12	264	13.499	13.499	0.000	97	201547	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.016	15.011	0.006	99	392978	80.0	79.5	
111 Dibenz(a,h)anthracene	278	15.052	15.046	0.006	97	371077	80.0	80.5	
112 Benzo[g,h,i]perylene	276	15.434	15.434	0.000	96	372986	80.0	78.5	
S 119 Total Cresols	1				0			135.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L7_00006 Amount Added: 1.00 Units: mL

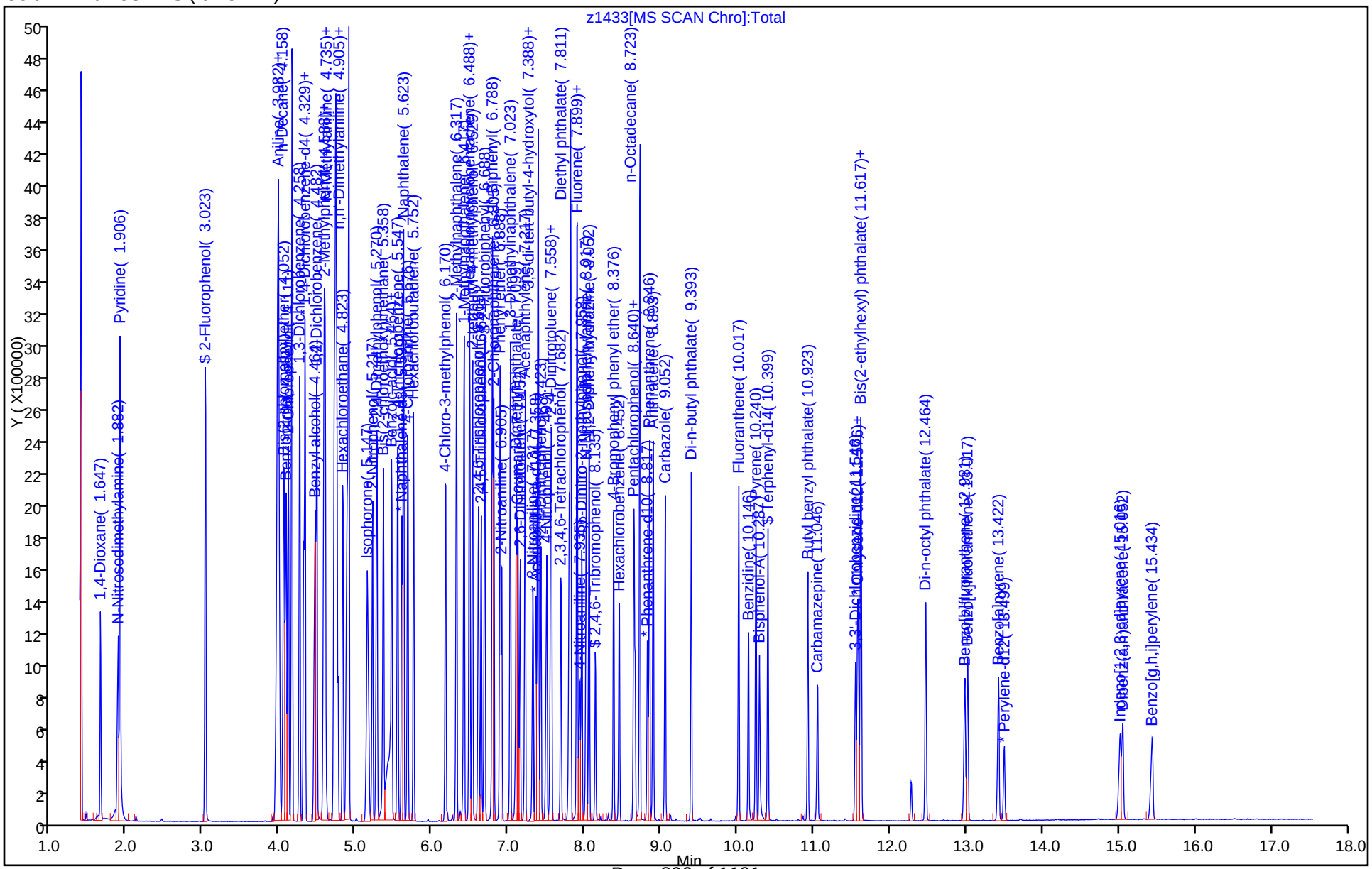
Report Date: 27-May-2015 13:11:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D

Injection Date:	26-May-2015 13:59:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

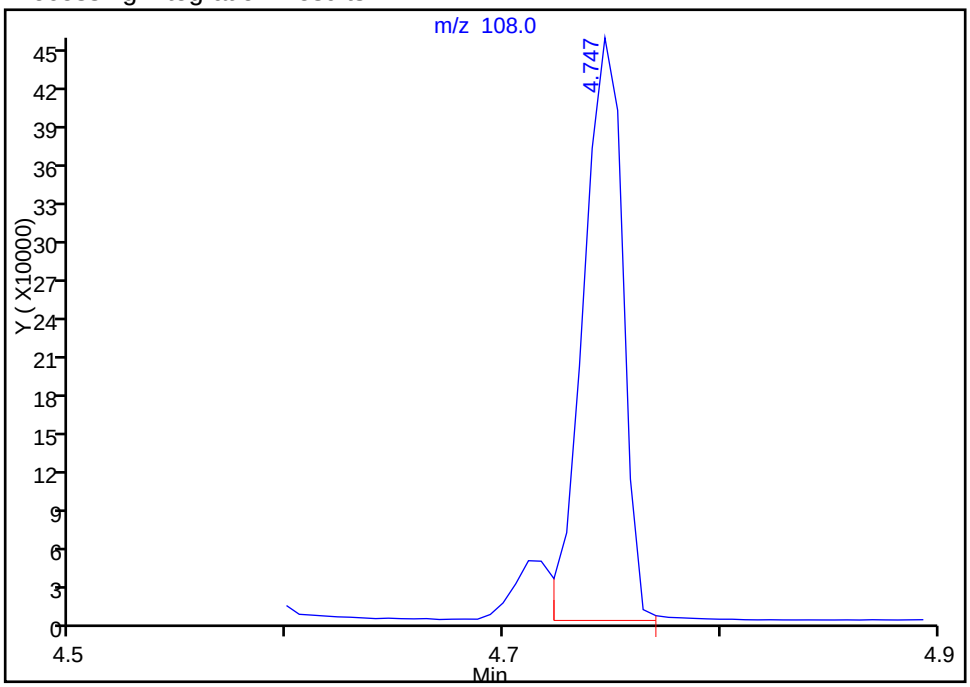
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Injection Date: 26-May-2015 13:59:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

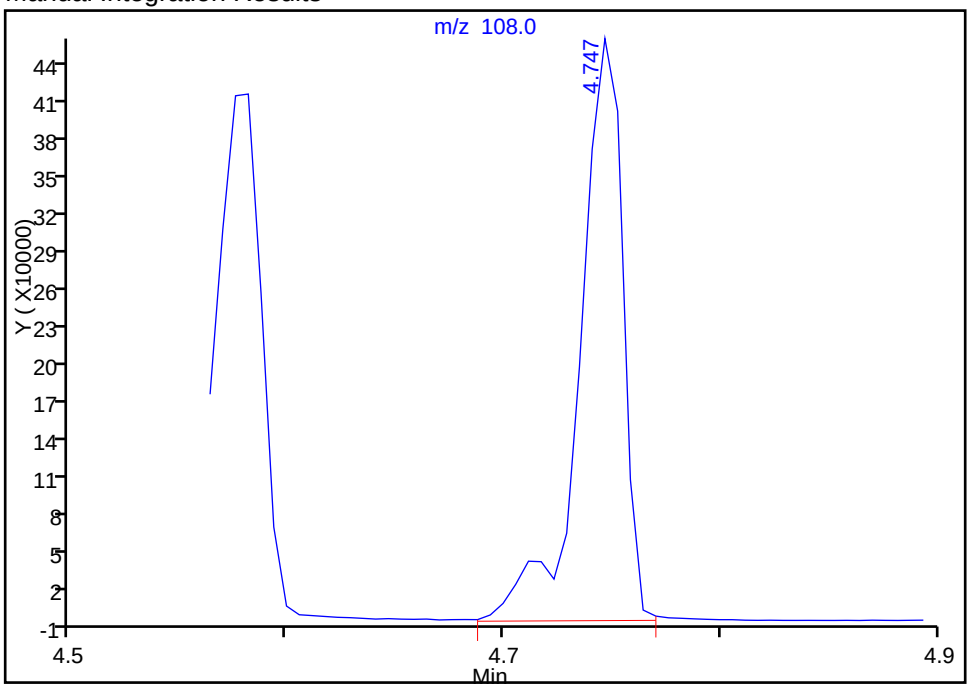
Processing Integration Results

RT: 4.75
Area: 576797
Amount: 78.547421
Amount Units: ug/ml



Manual Integration Results

RT: 4.75
Area: 625664
Amount: 67.153906
Amount Units: ug/ml



Reviewer: bayoumiw, 26-May-2015 19:01:05
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

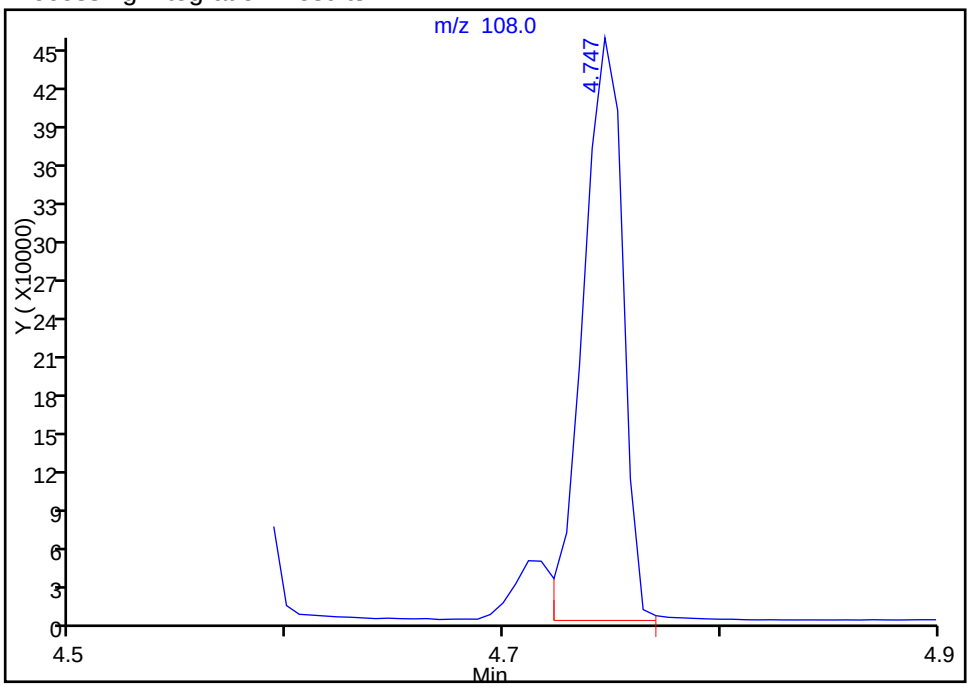
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Injection Date: 26-May-2015 13:59:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

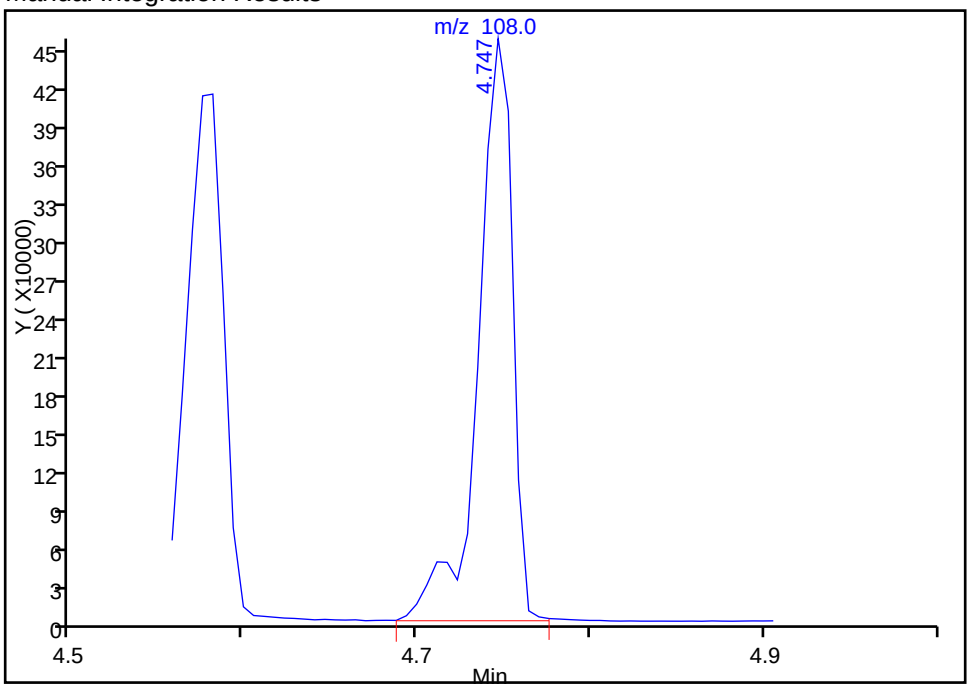
Processing Integration Results

RT: 4.75
Area: 576797
Amount: 77.231842
Amount Units: ug/ml



Manual Integration Results

RT: 4.75
Area: 622912
Amount: 67.258497
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:26:12
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1434.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-May-2015 14:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:53 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:32:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.664	1.653	0.011	93	115377	20.0	21.5	
2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	82	175876	20.0	20.2	
3 Pyridine	79	1.917	1.905	0.012	78	289736	20.0	20.5	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	91	279441	20.0	21.0	
$ 6 Phenol-d5	99	3.946	3.958	-0.012	93	327737	20.0	20.1	
7 Phenol	94	3.958	3.970	-0.012	98	362066	20.0	22.5	
8 Aniline	93	3.976	3.982	-0.006	99	405265	20.0	21.2	
9 Bis(2-chloroethyl)ether	93	4.035	4.047	-0.011	94	263390	20.0	19.8	
10 Benzonitrile	103	4.058	4.070	-0.012	0	485811	NC	NC	
11 2-Chlorophenol	128	4.099	4.105	-0.006	91	249536	20.0	21.0	
12 n-Decane	43	4.152	4.158	-0.006	93	462413	20.0	21.3	
13 1,3-Dichlorobenzene	146	4.252	4.258	-0.006	92	252345	20.0	22.0	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	305883	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	91	239067	20.0	21.5	
16 Benzyl alcohol	108	4.446	4.452	-0.006	92	157916	20.0	21.1	
17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	233228	20.0	22.0	
18 2-Methylphenol	108	4.564	4.570	-0.006	92	226161	20.0	21.6	
19 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	93	585517	20.0	21.0	
20 N-Methylaniline	106	4.705	4.711	-0.006	0	328081	NC	NC	
22 Acetophenone	105	4.711	4.723	-0.012	93	271911	20.0	20.5	
21 N-Nitrosodi-n-propylamine	70	4.717	4.729	-0.012	95	146020	20.0	17.5	
23 3 & 4 Methylphenol	108	4.723	4.735	-0.012	90	234149	20.0	21.2	
24 4-Methylphenol	108	4.723	4.735	-0.012	87	234149	20.0	21.3	
25 Hexachloroethane	117	4.823	4.823	0.000	94	101883	20.0	19.9	
$ 26 Nitrobenzene-d5	82	4.864	4.870	-0.006	95	249106	20.0	19.4	
27 Nitrobenzene	77	4.887	4.894	-0.007	85	316397	20.0	19.3	
28 n,n'-Dimethylaniline	120	4.893	4.899	-0.006	94	316520	20.0	19.3	
31 Isophorone	82	5.123	5.135	-0.012	98	398040	20.0	20.0	
32 2-Nitrophenol	139	5.205	5.211	-0.006	83	115510	20.0	21.5	
33 2,4-Dimethylphenol	122	5.258	5.264	-0.006	88	189382	20.0	21.3	
34 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	95	253619	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.370	5.417	-0.047	89	88142	20.0	20.0	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	91	157876	20.0	20.6	
37 1,2,4-Trichlorobenzene	180	5.540	5.541	-0.001	94	177163	20.0	20.6	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	1001597	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	595030	20.0	21.6	
40 4-Chloroaniline	127	5.670	5.670	0.000	94	249868	20.0	21.4	
41 Hexachlorobutadiene	225	5.752	5.752	0.000	96	105013	20.0	20.4	
43 4-Chloro-3-methylphenol	107	6.164	6.170	-0.006	97	165690	20.0	21.2	
44 2-Methylnaphthalene	142	6.311	6.311	0.000	86	348946	20.0	21.7	
45 1-Methylnaphthalene	142	6.411	6.411	0.000	94	316465	20.0	21.4	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	94	100547	20.0	21.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.481	6.488	-0.007	95	142548	20.0	21.4	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	229362	20.0	21.2	
49 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	88	95934	20.0	20.7	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	94	98887	20.0	21.5	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	371738	20.0	19.8	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	391220	20.0	21.9	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	96	297880	20.0	21.7	
54 Phenyl ether	170	6.881	6.882	-0.001	91	207874	20.0	21.1	
55 2-Nitroaniline	65	6.893	6.905	-0.012	93	124977	20.0	20.8	
57 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	94	254274	20.0	22.0	
58 Dimethyl phthalate	163	7.081	7.093	-0.012	98	257673	20.0	21.0	
59 Coumarin	146	7.099	7.111	-0.012	78	88556	20.0	20.9	
60 2,6-Dinitrotoluene	165	7.140	7.146	-0.006	91	63342	20.0	20.7	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	445454	20.0	21.4	
64 3-Nitroaniline	138	7.305	7.311	-0.006	91	75110	20.0	20.5	
* 65 Acenaphthene-d10	164	7.352	7.352	0.000	98	386222	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.376	7.382	-0.006	97	244748	20.0	20.7	
67 Acenaphthene	154	7.381	7.387	-0.006	94	256730	20.0	22.8	
68 2,4-Dinitrophenol	184	7.405	7.417	-0.012	91	61347	40.0	39.4	
69 4-Nitrophenol	65	7.481	7.493	-0.012	94	101464	40.0	40.1	
70 2,4-Dinitrotoluene	165	7.534	7.540	-0.006	92	74287	20.0	20.8	
71 Dibenzofuran	168	7.552	7.558	-0.006	97	389637	20.0	21.4	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	92	66372	20.0	21.1	
73 Diethyl phthalate	149	7.781	7.787	-0.006	97	255968	20.0	21.1	
75 4-Chlorophenyl phenyl ethe	204	7.887	7.893	-0.006	81	126400	20.0	20.8	
74 Fluorene	166	7.887	7.893	-0.006	96	269760	20.0	21.5	
76 4-Nitroaniline	138	7.905	7.923	-0.018	97	59892	20.0	20.1	
77 4,6-Dinitro-2-methylphenol	198	7.940	7.952	-0.012	77	72388	40.0	42.2	
78 N-Nitrosodiphenylamine	169	8.005	8.011	-0.006	68	196836	20.0	20.5	
79 1,2-Diphenylhydrazine	77	8.046	8.052	-0.006	99	329197	20.0	21.0	
$ 80 2,4,6-Tribromophenol	330	8.128	8.134	-0.006	92	34307	20.0	20.8	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	82	71914	20.0	21.6	
82 Hexachlorobenzene	284	8.446	8.446	0.000	98	67225	20.0	20.4	
84 Pentachlorophenol	266	8.634	8.640	-0.006	92	67388	40.0	44.6	
85 Pentachloronitrobenzene	237	8.652	8.652	0.000	88	27420	20.0	22.4	
86 n-Octadecane	57	8.717	8.717	0.000	91	312718	20.0	21.0	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	550730	40.0	40.0	
88 Phenanthrene	178	8.840	8.840	0.000	98	315028	20.0	21.1	
89 Anthracene	178	8.887	8.893	-0.006	98	336582	20.0	21.7	
90 Carbazole	167	9.046	9.046	0.000	95	281389	20.0	21.0	
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	328478	20.0	21.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	277975	20.0	21.0	
93 Benzidine	184	10.140	10.140	0.000	100	155738	20.0	21.1	
94 Pyrene	202	10.234	10.240	-0.006	98	274731	20.0	20.7	
95 Bisphenol-A	213	10.281	10.287	-0.006	99	92725	20.0	20.1	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	175620	20.0	19.6	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.007	98	106735	20.0	20.2	
99 Carbamazepine	193	11.034	11.046	-0.012	93	71717	20.0	20.2	
100 3,3'-Dichlorobenzidine	252	11.540	11.546	-0.006	99	65062	20.0	20.7	
101 Benzo[a]anthracene	228	11.569	11.575	-0.006	99	187151	20.0	19.8	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	289300	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	86	136675	20.0	20.4	
103 Chrysene	228	11.611	11.622	-0.011	99	169825	20.0	20.4	
105 Di-n-octyl phthalate	149	12.463	12.464	-0.001	97	225253	20.0	20.5	
106 Benzo[b]fluoranthene	252	12.969	12.975	-0.006	98	142637	20.0	19.7	
107 Benzo[k]fluoranthene	252	13.005	13.017	-0.012	99	143232	20.0	19.8	
108 Benzo[a]pyrene	252	13.410	13.422	-0.012	96	133605	20.0	20.4	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	214097	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.999	15.011	-0.011	98	103925	20.0	19.8	
111 Dibenz(a,h)anthracene	278	15.034	15.046	-0.012	96	104090	20.0	21.3	
112 Benzo[g,h,i]perylene	276	15.416	15.434	-0.018	96	103459	20.0	20.5	
S 119 Total Cresols	1				0			42.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00006 Amount Added: 1.00 Units: mL

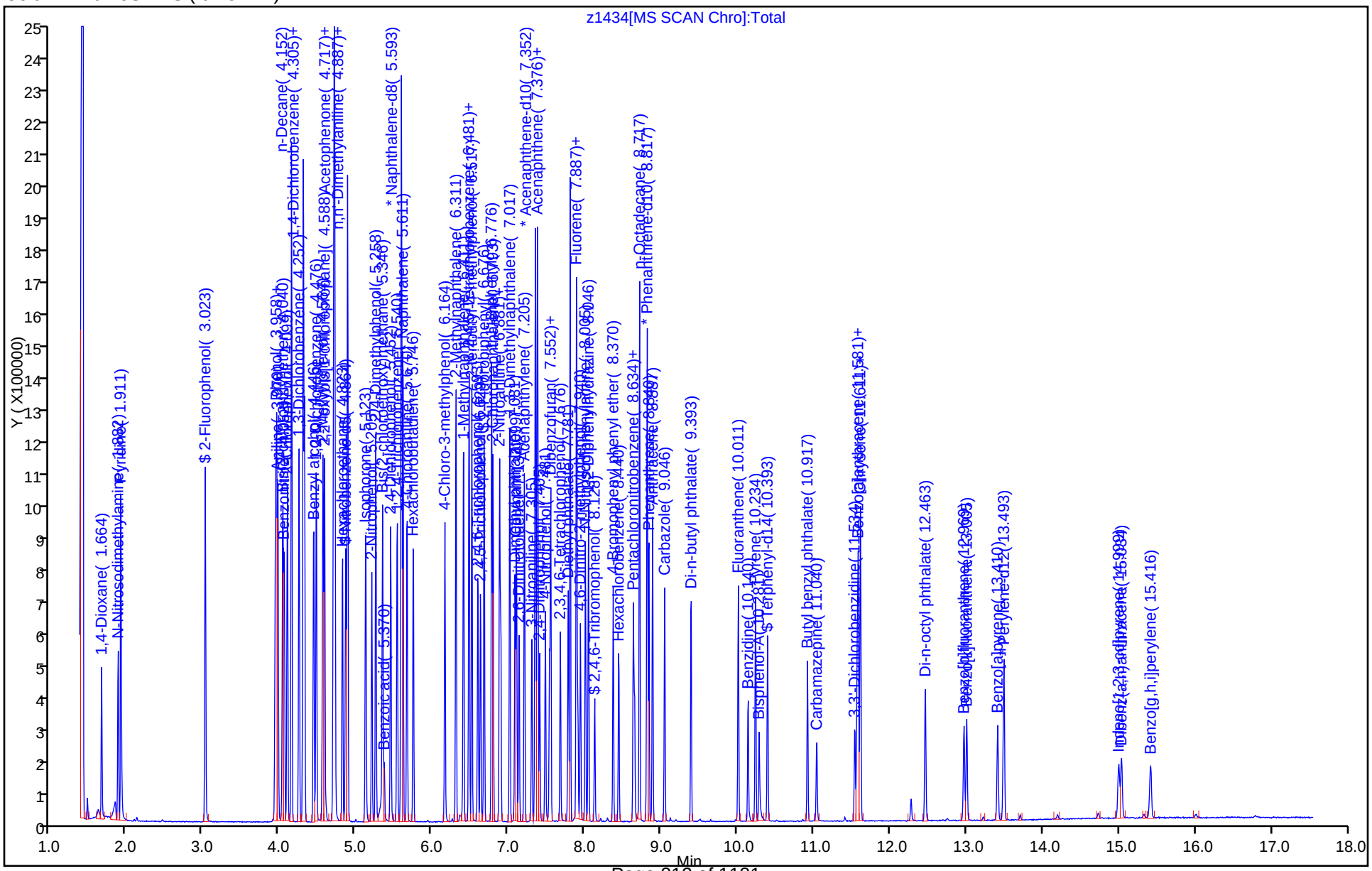
Report Date: 27-May-2015 13:11:54 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1434.D

Injection Date:	26-May-2015 14:22:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1435.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-May-2015 14:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:56 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:33:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.659	1.653	0.006	91	51750	10.0	10.5	
2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	83	83026	10.0	10.4	
3 Pyridine	79	1.911	1.905	0.006	79	143614	10.0	11.1	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	92	138149	10.0	11.3	
$ 6 Phenol-d5	99	3.935	3.958	-0.023	85	165129	10.0	11.0	
7 Phenol	94	3.952	3.970	-0.018	99	168840	10.0	11.5	
8 Aniline	93	3.970	3.982	-0.012	98	200991	10.0	11.5	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	126719	10.0	10.4	
10 Benzonitrile	103	4.047	4.070	-0.023	0	246232	NC	NC	
11 2-Chlorophenol	128	4.094	4.105	-0.011	90	121454	10.0	11.2	
12 n-Decane	43	4.152	4.158	-0.006	93	216119	10.0	10.9	
13 1,3-Dichlorobenzene	146	4.247	4.258	-0.011	90	118614	10.0	11.3	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	280560	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	92	114658	10.0	11.3	
16 Benzyl alcohol	108	4.441	4.452	-0.011	92	76666	10.0	11.1	
17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	112739	10.0	11.6	
18 2-Methylphenol	108	4.558	4.570	-0.012	91	111914	10.0	11.6	
19 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	293128	10.0	11.5	
20 N-Methylaniline	106	4.700	4.711	-0.011	0	170384	NC	NC	
22 Acetophenone	105	4.705	4.723	-0.018	87	144282	10.0	11.9	
21 N-Nitrosodi-n-propylamine	70	4.711	4.729	-0.018	94	80146	10.0	10.5	
23 3 & 4 Methylphenol	108	4.717	4.735	-0.018	91	121487	10.0	12.0	
24 4-Methylphenol	108	4.717	4.735	-0.018	88	121487	10.0	12.0	
25 Hexachloroethane	117	4.817	4.823	-0.006	96	50605	10.0	10.8	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	95	128468	10.0	10.3	
27 Nitrobenzene	77	4.882	4.894	-0.012	86	164293	10.0	10.3	
28 n,n'-Dimethylaniline	120	4.888	4.899	-0.011	93	173422	10.0	11.5	
31 Isophorone	82	5.117	5.135	-0.018	99	198839	10.0	10.3	
32 2-Nitrophenol	139	5.205	5.211	-0.006	86	56086	10.0	10.8	
33 2,4-Dimethylphenol	122	5.252	5.264	-0.012	89	95472	10.0	11.1	
34 Bis(2-chloroethoxy)methane	93	5.341	5.352	-0.011	95	130298	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.335	5.417	-0.082	93	30468	10.0	9.06	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	92	80830	10.0	10.9	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	87347	10.0	10.5	
* 38 Naphthalene-d8	136	5.594	5.599	-0.005	99	971027	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	305685	10.0	11.5	
40 4-Chloroaniline	127	5.664	5.670	-0.006	94	126390	10.0	11.2	
41 Hexachlorobutadiene	225	5.747	5.752	-0.006	94	51895	10.0	10.4	
43 4-Chloro-3-methylphenol	107	6.164	6.170	-0.006	98	84874	10.0	11.2	
44 2-Methylnaphthalene	142	6.305	6.311	-0.006	87	181237	10.0	11.6	
45 1-Methylnaphthalene	142	6.405	6.411	-0.006	93	166359	10.0	11.6	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	96	48165	10.0	10.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.482	6.488	-0.006	96	73401	10.0	11.5	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	120954	10.0	11.5	
49 2,4,6-Trichlorophenol	196	6.594	6.599	-0.005	86	49725	10.0	11.2	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	95	49107	10.0	11.1	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	197075	10.0	10.9	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	201509	10.0	11.8	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	98	153260	10.0	11.6	
54 Phenyl ether	170	6.882	6.882	0.000	92	110799	10.0	11.7	
55 2-Nitroaniline	65	6.893	6.905	-0.012	94	65893	10.0	11.4	
57 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	137178	10.0	12.4	
58 Dimethyl phthalate	163	7.082	7.093	-0.011	98	135168	10.0	11.4	
59 Coumarin	146	7.093	7.111	-0.018	78	45635	10.0	11.1	
60 2,6-Dinitrotoluene	165	7.135	7.146	-0.011	90	32998	10.0	11.1	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	230087	10.0	11.5	
64 3-Nitroaniline	138	7.299	7.311	-0.012	90	37774	10.0	10.7	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	371345	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.370	7.382	-0.012	98	135797	10.0	12.0	
67 Acenaphthene	154	7.382	7.387	-0.005	93	140187	10.0	12.7	
68 2,4-Dinitrophenol	184	7.405	7.417	-0.012	92	26479	20.0	19.1	
69 4-Nitrophenol	65	7.476	7.493	-0.017	94	49151	20.0	20.2	
70 2,4-Dinitrotoluene	165	7.535	7.540	-0.005	94	36769	10.0	10.7	
71 Dibenzofuran	168	7.546	7.558	-0.012	97	204765	10.0	11.7	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	91	31844	10.0	10.5	
73 Diethyl phthalate	149	7.776	7.787	-0.011	97	127378	10.0	10.9	
75 4-Chlorophenyl phenyl ethe	204	7.888	7.893	-0.005	84	69758	10.0	11.9	
74 Fluorene	166	7.888	7.893	-0.005	96	143677	10.0	11.9	
76 4-Nitroaniline	138	7.899	7.923	-0.024	96	29154	10.0	10.2	
77 4,6-Dinitro-2-methylphenol	198	7.935	7.952	-0.017	77	33165	20.0	20.5	
78 N-Nitrosodiphenylamine	169	8.005	8.011	-0.006	68	103070	10.0	10.9	
79 1,2-Diphenylhydrazine	77	8.040	8.052	-0.012	100	173523	10.0	11.3	
$ 80 2,4,6-Tribromophenol	330	8.129	8.134	-0.005	94	17785	10.0	11.2	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	85	35679	10.0	10.9	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	98	34479	10.0	10.6	
84 Pentachlorophenol	266	8.635	8.640	-0.005	92	31207	20.0	21.0	
85 Pentachloronitrobenzene	237	8.646	8.652	-0.006	88	13896	10.0	11.5	
86 n-Octadecane	57	8.711	8.717	-0.006	91	165094	10.0	11.3	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	541538	40.0	40.0	
88 Phenanthrene	178	8.835	8.840	-0.005	97	169880	10.0	11.6	
89 Anthracene	178	8.882	8.893	-0.011	98	175002	10.0	11.5	
90 Carbazole	167	9.040	9.046	-0.006	95	144296	10.0	11.0	
91 Di-n-butyl phthalate	149	9.387	9.393	-0.006	100	167687	10.0	11.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	144402	10.0	11.1	
93 Benzidine	184	10.134	10.140	-0.006	100	70614	10.0	9.73	
94 Pyrene	202	10.234	10.240	-0.006	97	144273	10.0	11.0	
95 Bisphenol-A	213	10.282	10.287	-0.005	98	45567	10.0	10.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	93903	10.0	10.6	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.006	98	55848	10.0	10.7	
99 Carbamazepine	193	11.034	11.046	-0.012	94	33173	10.0	9.48	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	99	30967	10.0	9.99	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	99	93169	10.0	9.97	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	98	285384	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	85	70066	10.0	10.6	
103 Chrysene	228	11.611	11.622	-0.011	98	87903	10.0	10.7	
105 Di-n-octyl phthalate	149	12.458	12.464	-0.006	97	109441	10.0	10.4	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	97	67866	10.0	9.80	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	71983	10.0	10.4	
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	61424	10.0	9.80	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	204968	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	49283	10.0	9.81	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	94	46470	10.0	9.91	
112 Benzo[g,h,i]perylene	276	15.411	15.434	-0.023	95	48323	10.0	10.0	
S 119 Total Cresols	1				0			23.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00006 Amount Added: 1.00 Units: mL

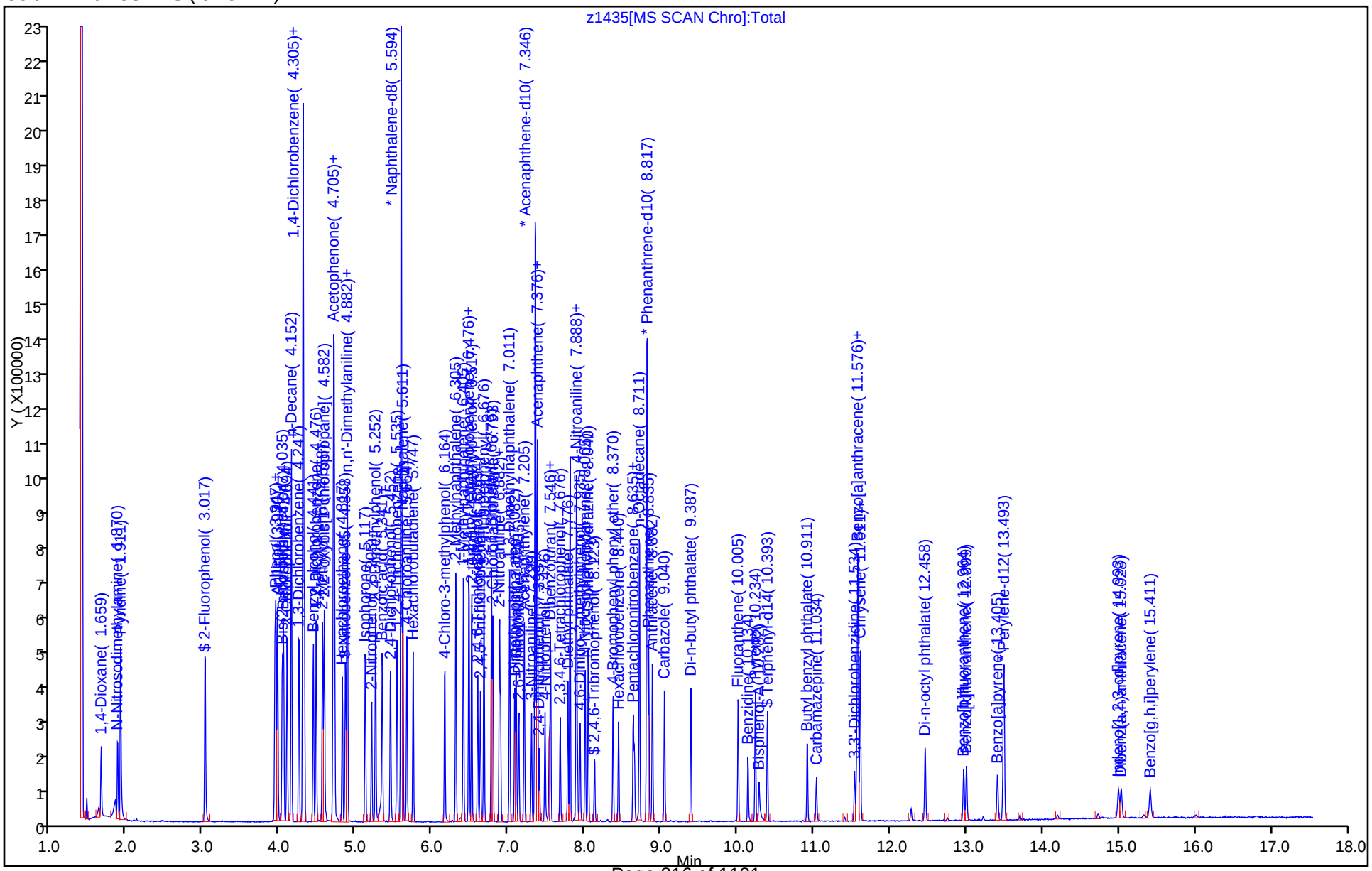
Report Date: 27-May-2015 13:11:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1435.D

Injection Date:	26-May-2015 14:47:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-May-2015 15:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:58 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:34:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.658	1.653	0.005	94	27346	5.00	5.36	
2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	83	43309	5.00	5.23	
3 Pyridine	79	1.911	1.905	0.006	81	70200	5.00	5.24	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	94	65005	5.00	5.14	
$ 6 Phenol-d5	99	3.935	3.958	-0.023	86	82299	5.00	5.31	
7 Phenol	94	3.946	3.970	-0.024	98	88862	5.00	5.82	
8 Aniline	93	3.970	3.982	-0.012	99	102675	5.00	5.66	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	65998	5.00	5.22	
10 Benzonitrile	103	4.046	4.070	-0.024	0	124545	NC	NC	
11 2-Chlorophenol	128	4.094	4.105	-0.011	92	64294	5.00	5.70	
12 n-Decane	43	4.152	4.158	-0.006	94	116748	5.00	5.67	
13 1,3-Dichlorobenzene	146	4.246	4.258	-0.012	92	63385	5.00	5.81	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	290731	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	94	61062	5.00	5.79	
16 Benzyl alcohol	108	4.435	4.452	-0.017	93	36411	5.00	5.11	
17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	59496	5.00	5.92	
18 2-Methylphenol	108	4.558	4.570	-0.012	88	56695	5.00	5.69	
19 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	149648	5.00	5.64	
20 N-Methylaniline	106	4.699	4.711	-0.012	0	85470	NC	NC	
22 Acetophenone	105	4.705	4.723	-0.018	89	80974	5.00	6.42	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	95	43028	5.00	5.44	
23 3 & 4 Methylphenol	108	4.717	4.735	-0.018	94	65662	5.00	6.24	
24 4-Methylphenol	108	4.717	4.735	-0.018	94	64519	5.00	6.17	M
25 Hexachloroethane	117	4.817	4.823	-0.006	94	26589	5.00	5.46	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	94	65788	5.00	5.17	
27 Nitrobenzene	77	4.876	4.894	-0.018	89	87636	5.00	5.38	
28 n,n'-Dimethylaniline	120	4.888	4.899	-0.011	95	89269	5.00	5.72	
31 Isophorone	82	5.117	5.135	-0.018	98	106515	5.00	5.40	
32 2-Nitrophenol	139	5.205	5.211	-0.006	84	27864	5.00	5.23	
33 2,4-Dimethylphenol	122	5.252	5.264	-0.012	89	49829	5.00	5.66	
34 Bis(2-chloroethoxy)methane	93	5.341	5.352	-0.012	96	70263	5.00	5.75	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.317	5.417	-0.100	87	11379	5.00	5.20	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	93	42871	5.00	5.65	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	44914	5.00	5.26	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	993277	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	162079	5.00	5.94	
40 4-Chloroaniline	127	5.664	5.670	-0.006	94	67946	5.00	5.87	
41 Hexachlorobutadiene	225	5.746	5.752	-0.006	94	27274	5.00	5.34	
43 4-Chloro-3-methylphenol	107	6.158	6.170	-0.012	97	44012	5.00	5.67	
44 2-Methylnaphthalene	142	6.305	6.311	-0.006	85	95092	5.00	5.97	
45 1-Methylnaphthalene	142	6.405	6.411	-0.006	94	86215	5.00	5.88	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	95	25249	5.00	5.22	
47 1,2,4,5-Tetrachlorobenzene	216	6.482	6.488	-0.006	96	41249	5.00	5.95	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	62232	5.00	5.80	
49 2,4,6-Trichlorophenol	196	6.593	6.599	-0.006	87	24769	5.00	5.14	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	94	25475	5.00	5.32	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	103831	5.00	5.31	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	108975	5.00	5.87	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	96	83674	5.00	5.87	
54 Phenyl ether	170	6.882	6.882	0.000	92	57260	5.00	5.59	
55 2-Nitroaniline	65	6.893	6.905	-0.012	95	34351	5.00	5.50	
57 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	94	70886	5.00	5.90	
58 Dimethyl phthalate	163	7.076	7.093	-0.017	98	72093	5.00	5.63	
59 Coumarin	146	7.093	7.111	-0.018	79	24798	5.00	5.91	
60 2,6-Dinitrotoluene	165	7.129	7.146	-0.017	90	16845	5.00	5.19	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	123472	5.00	5.69	
64 3-Nitroaniline	138	7.299	7.311	-0.012	93	20200	5.00	5.30	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	96	402126	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.370	7.382	-0.012	98	71331	5.00	5.80	
67 Acenaphthene	154	7.376	7.387	-0.011	94	78169	5.00	6.44	
68 2,4-Dinitrophenol	184	7.399	7.417	-0.018	91	10568	10.0	8.65	
69 4-Nitrophenol	65	7.476	7.493	-0.017	93	23871	10.0	9.07	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	92	19940	5.00	5.36	
71 Dibenzofuran	168	7.546	7.558	-0.012	96	110547	5.00	5.82	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	92	16808	5.00	5.13	
73 Diethyl phthalate	149	7.776	7.787	-0.011	98	68698	5.00	5.44	
75 4-Chlorophenyl phenyl ethe	204	7.887	7.893	-0.006	77	38415	5.00	6.06	
74 Fluorene	166	7.887	7.893	-0.006	96	78582	5.00	6.01	
76 4-Nitroaniline	138	7.899	7.923	-0.024	96	14934	5.00	4.81	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.952	-0.018	75	14680	10.0	9.49	
78 N-Nitrosodiphenylamine	169	7.999	8.011	-0.012	68	54441	5.00	5.48	
79 1,2-Diphenylhydrazine	77	8.040	8.052	-0.012	99	90863	5.00	5.59	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	86	8365	5.00	4.87	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	85	19490	5.00	5.64	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	97	17550	5.00	5.13	
84 Pentachlorophenol	266	8.634	8.640	-0.006	94	14509	10.0	9.26	
85 Pentachloronitrobenzene	237	8.646	8.652	-0.006	87	6480	5.00	5.11	
86 n-Octadecane	57	8.711	8.717	-0.006	89	86424	5.00	5.60	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	571125	40.0	40.0	
88 Phenanthrene	178	8.834	8.840	-0.006	98	86601	5.00	5.60	
89 Anthracene	178	8.881	8.893	-0.012	98	92294	5.00	5.74	
90 Carbazole	167	9.040	9.046	-0.006	95	76080	5.00	5.48	
91 Di-n-butyl phthalate	149	9.387	9.393	-0.006	100	83395	5.00	5.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	70445	5.00	5.14	
93 Benzidine	184	10.134	10.140	-0.006	99	33621	5.00	4.39	
94 Pyrene	202	10.234	10.240	-0.006	97	70478	5.00	5.55	
95 Bisphenol-A	213	10.287	10.287	0.000	98	20391	5.00	4.63	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	45778	5.00	5.35	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.006	97	25906	5.00	5.13	
99 Carbamazepine	193	11.034	11.046	-0.012	92	13634	5.00	4.02	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	96	14974	5.00	4.98	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	46434	5.00	5.13	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	276699	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	90	35616	5.00	5.56	
103 Chrysene	228	11.605	11.622	-0.017	99	44549	5.00	5.60	
105 Di-n-octyl phthalate	149	12.458	12.464	-0.006	97	50353	5.00	4.92	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	98	33174	5.00	4.92	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	32921	5.00	4.88	
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	32077	5.00	5.25	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	199606	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	23451	5.00	4.79	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	93	23112	5.00	5.06	
112 Benzo[g,h,i]perylene	276	15.410	15.434	-0.024	95	23389	5.00	4.97	
S 119 Total Cresols	1				0			11.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00008 Amount Added: 1.00 Units: mL

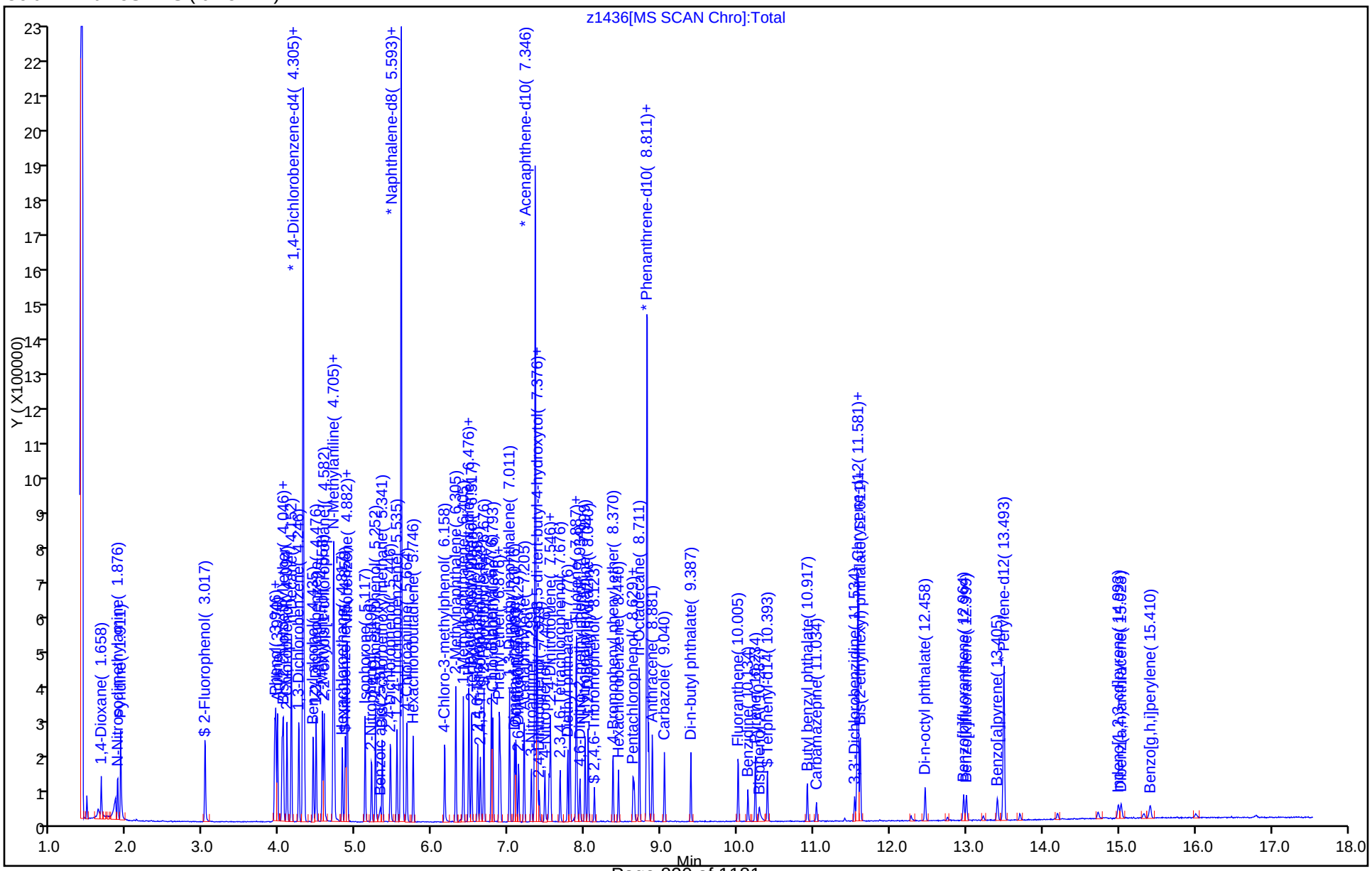
Report Date: 27-May-2015 13:11:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D

Injection Date:	26-May-2015 15:11:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

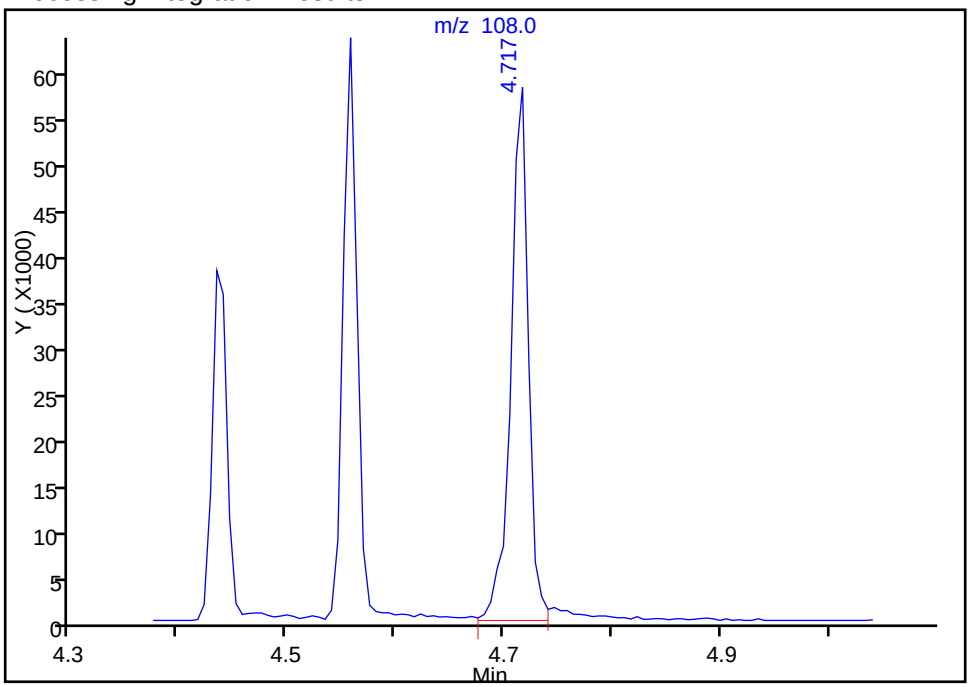
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D
Injection Date: 26-May-2015 15:11:30 Instrument ID: CBNAMS11
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

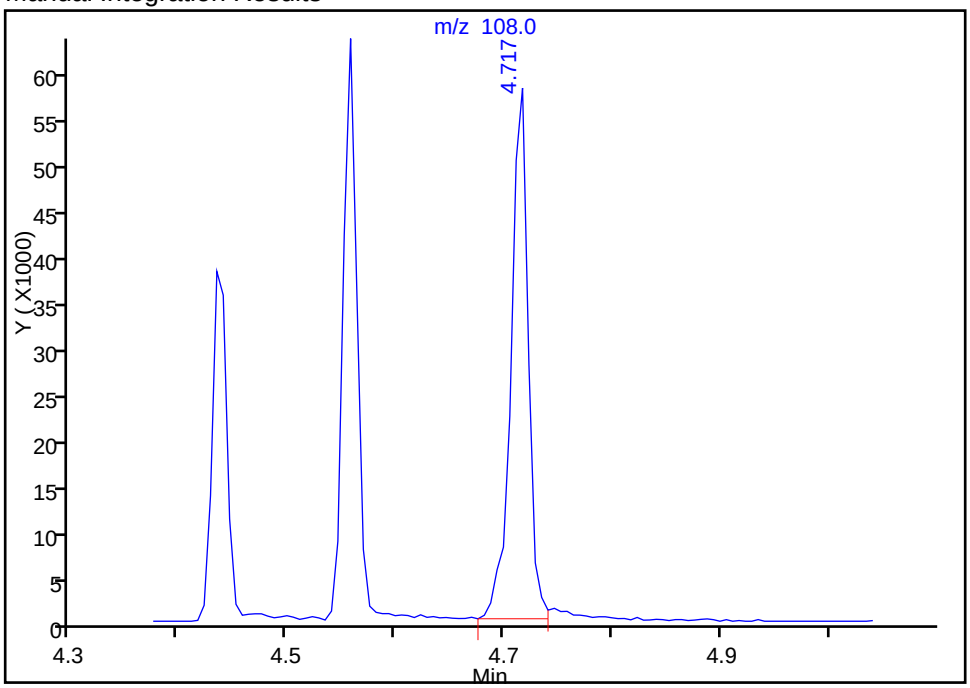
Processing Integration Results

RT: 4.72
Area: 65662
Amount: 6.324865
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 64519
Amount: 6.172953
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:25:08
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1437.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-May-2015 15:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:03 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.017	3.023	-0.006	89	28701	2.00	2.16	
$ 6 Phenol-d5	99	3.929	3.958	-0.029	87	38514	2.00	2.36	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	29290	2.00	2.20	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	306032	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	94	19220	2.00	2.31	
25 Hexachloroethane	117	4.817	4.823	-0.006	93	11341	2.00	2.21	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	93	30266	2.00	2.30	
27 Nitrobenzene	77	4.876	4.894	-0.018	90	37871	2.00	2.25	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	95	37506	2.00	2.28	
31 Isophorone	82	5.117	5.135	-0.018	98	47969	2.00	2.35	
36 2,4-Dichlorophenol	162	5.446	5.458	-0.012	94	19104	2.00	2.43	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	19977	2.00	2.26	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	1027992	40.0	40.0	
41 Hexachlorobutadiene	225	5.746	5.752	-0.006	94	11655	2.00	2.20	
49 2,4,6-Trichlorophenol	196	6.593	6.599	-0.006	86	10884	2.00	2.23	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	97	47114	2.00	2.37	
60 2,6-Dinitrotoluene	165	7.134	7.146	-0.012	88	7259	2.00	2.13	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	408417	40.0	40.0	
68 2,4-Dinitrophenol	184	7.399	7.417	-0.018	88	2984	4.00	4.25	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	92	8538	2.00	2.26	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.952	-0.018	71	5091	4.00	4.04	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	91	3838	2.00	2.20	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	95	8221	2.00	2.19	
84 Pentachlorophenol	266	8.634	8.640	-0.006	91	4927	4.00	2.86	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	627724	40.0	40.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	20778	2.00	2.24	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	97	6167	2.00	1.90	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	20505	2.00	2.09	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	299462	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	98	14862	2.00	2.13	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	14677	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	13084	2.00	2.07	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	206831	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	96	10087	2.00	1.99	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	93	8964	2.00	1.90	

Reagents:

SV_IC_BNA_L0_00005 Amount Added: 1.00 Units: mL

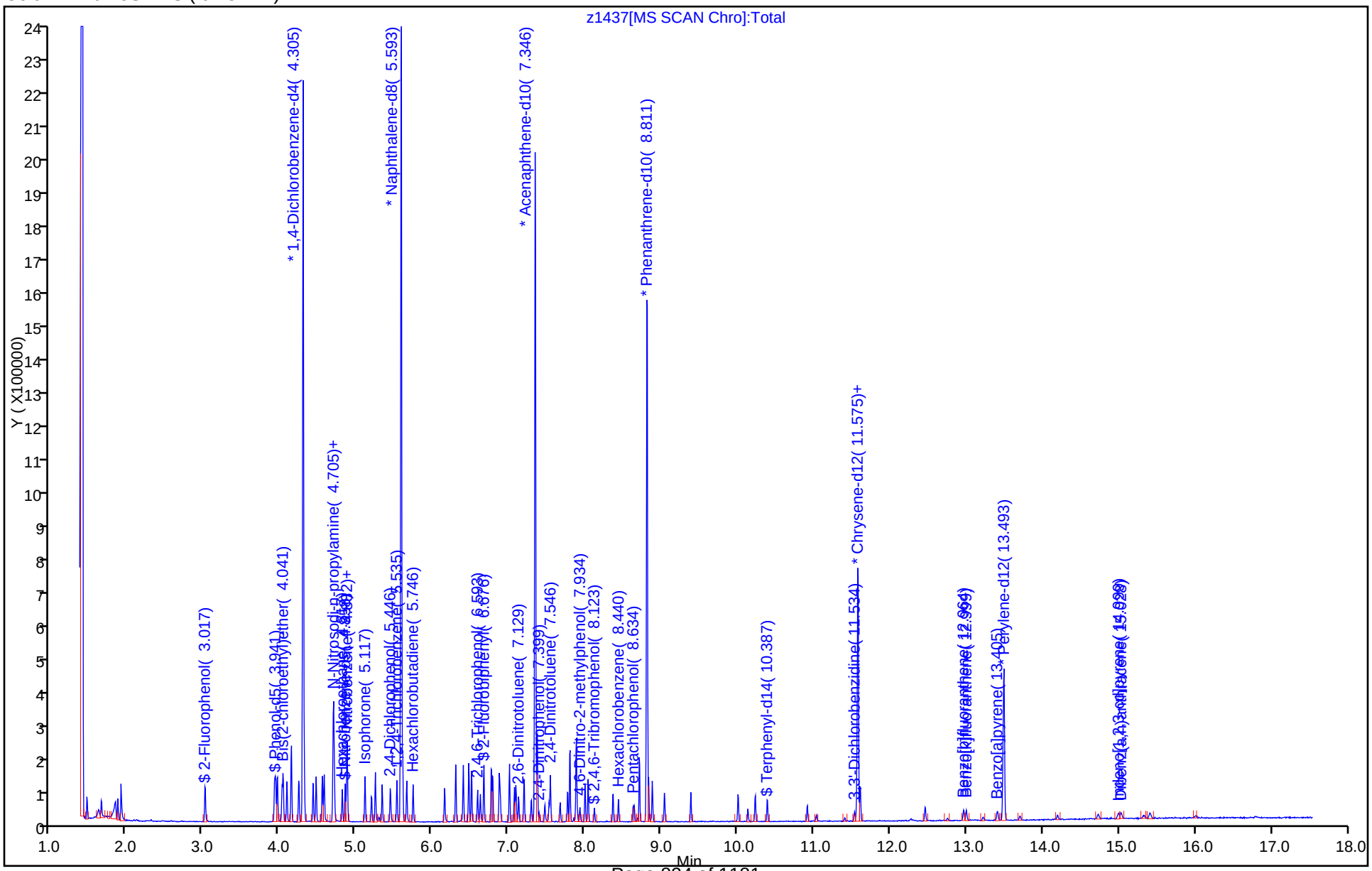
Report Date: 27-May-2015 13:12:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1437.D

Injection Date:	26-May-2015 15:35:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 27-May-2015 13:12:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1438.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-May-2015 15:59:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:06 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	91	13726	1.00	1.03	
$ 6 Phenol-d5	99	3.929	3.958	-0.029	84	18215	1.00	1.12	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	92	14465	1.00	1.09	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	305826	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	94	10095	1.00	1.21	
25 Hexachloroethane	117	4.817	4.823	-0.006	93	5653	1.00	1.10	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	94	14088	1.00	1.07	
27 Nitrobenzene	77	4.876	4.894	-0.018	89	19576	1.00	1.16	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	91	18865	1.00	1.15	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	93	10208	1.00	1.15	
* 38 Naphthalene-d8	136	5.594	5.599	-0.005	99	1030365	40.0	40.0	
41 Hexachlorobutadiene	225	5.747	5.752	-0.006	93	6432	1.00	1.21	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	97	22900	1.00	1.12	
60 2,6-Dinitrotoluene	165	7.129	7.146	-0.017	84	3579	1.00	0.9499	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	420960	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	94	3793	1.00	0.9742	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	88	1662	1.00	0.9246	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	95	4070	1.00	1.08	
* 87 Phenanthrene-d10	188	8.811	8.817	-0.006	99	626984	40.0	40.0	
$ 96 Terphenyl-d14	244	10.387	10.399	-0.012	98	9576	1.00	1.04	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	10735	1.00	1.10	
* 102 Chrysene-d12	240	11.576	11.587	-0.011	99	298342	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	97	7592	1.00	1.06	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	97	7466	1.00	1.04	
108 Benzo[a]pyrene	252	13.405	13.422	-0.017	94	6838	1.00	1.05	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	211927	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	5278	1.00	1.02	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	92	4573	1.00	0.9436	

Reagents:

SV_IC_BNA_L2_00007 Amount Added: 1.00 Units: mL

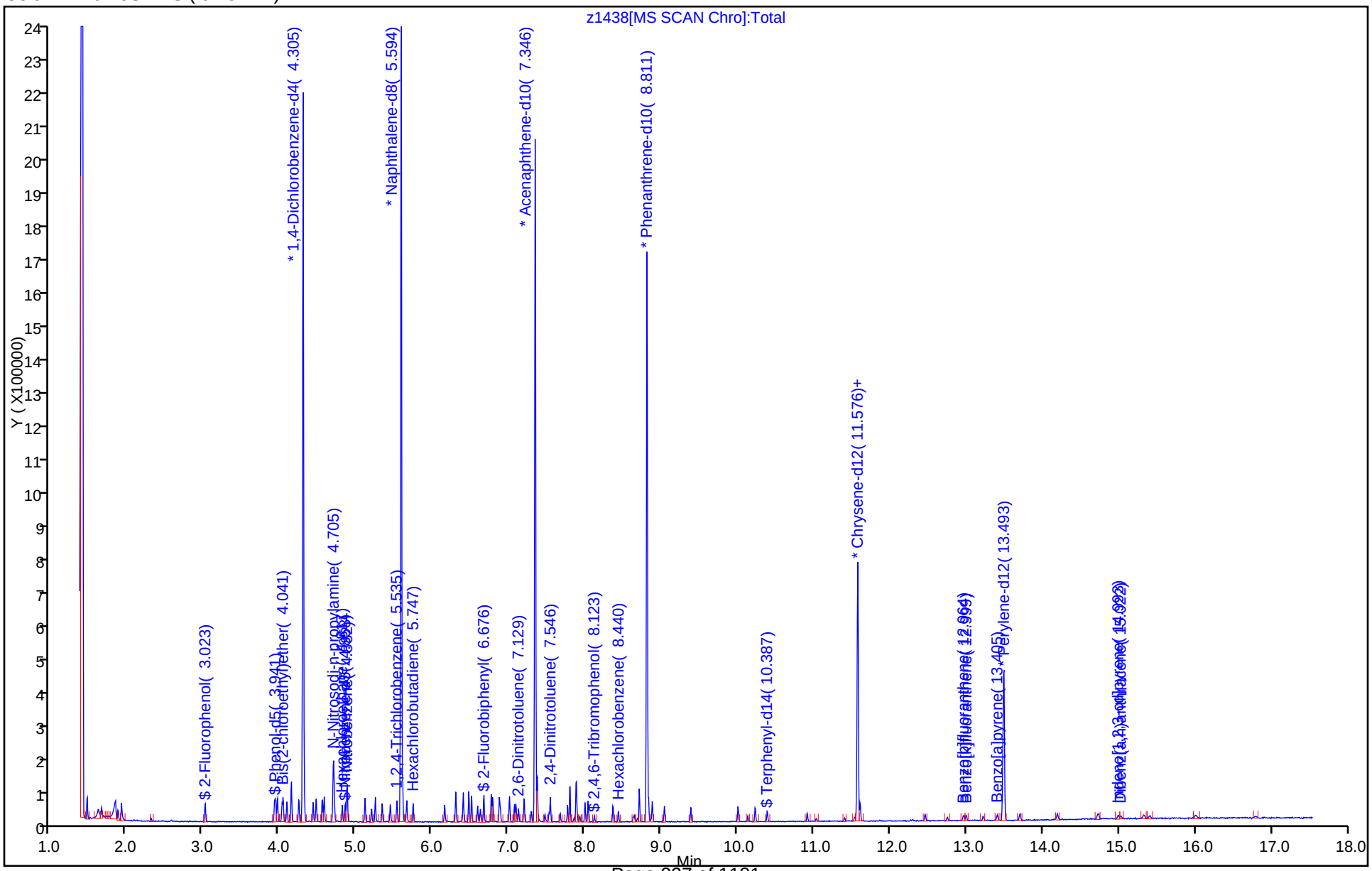
Report Date: 27-May-2015 13:12:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1438.D

Injection Date:	26-May-2015 15:59:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1439.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-May-2015 16:23:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:09 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	86	6885	0.5000	0.5496	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	288027	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	92	4912	0.5000	0.6269	
25 Hexachloroethane	117	4.817	4.823	-0.006	92	2666	0.5000	0.5529	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	93	7027	0.5000	0.5547	
27 Nitrobenzene	77	4.882	4.894	-0.012	87	9843	0.5000	0.6070	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	92	9261	0.5000	0.5985	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	93	4785	0.5000	0.5621	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	989277	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	10412	0.5000	0.5410	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	97	395754	40.0	40.0	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	93	1948	0.5000	0.5585	
* 87 Phenanthrene-d10	188	8.811	8.817	-0.006	99	582823	40.0	40.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	4557	0.5000	0.5142	
101 Benzo[a]anthracene	228	11.605	11.575	0.030	95	4760	0.5000	0.5074	
* 102 Chrysene-d12	240	11.575	11.587	-0.012	99	286632	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.963	12.975	-0.012	93	3363	0.5000	0.5076	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	96	3712	0.5000	0.5596	
108 Benzo[a]pyrene	252	13.405	13.422	-0.017	93	2945	0.5000	0.4909	
* 109 Perylene-d12	264	13.487	13.499	-0.012	97	196123	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.987	15.011	-0.023	71	2498	0.5000	0.5196	
111 Dibenz(a,h)anthracene	278	15.022	15.046	-0.024	23	2269	0.5000	0.5059	

Reagents:

SV_IC_BNA_L1_00007 Amount Added: 1.00 Units: mL

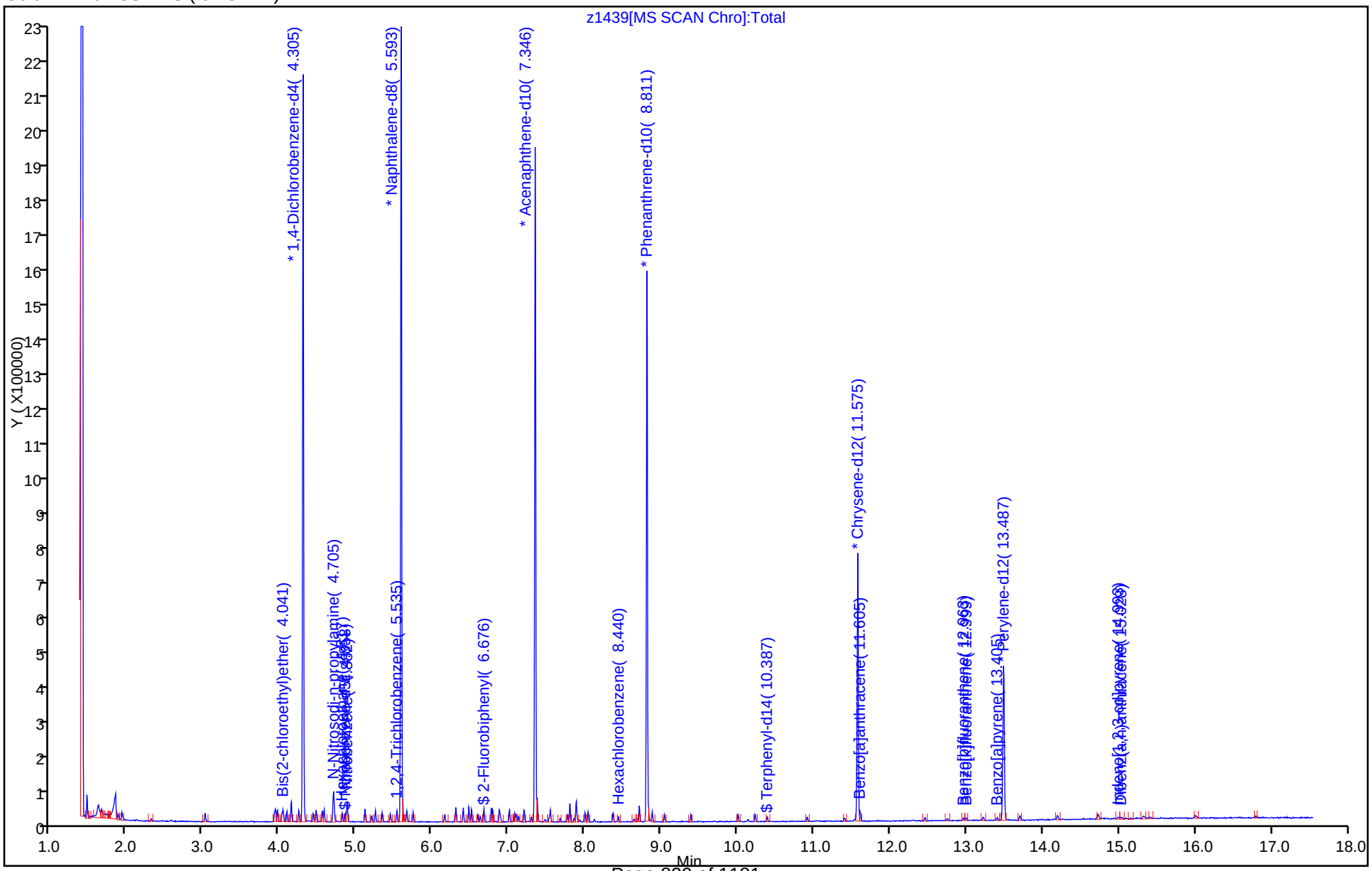
Report Date: 27-May-2015 13:12:10 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1439.D

Injection Date:	26-May-2015 16:23:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-299376/10	L121579.D
Level 2	STD1 460-299376/9	L121578.D
Level 3	STD2 460-299376/8	L121577.D
Level 4	STD5 460-299376/7	L121576.D
Level 5	STD10 460-299376/6	L121575.D
Level 6	STD20 460-299376/5	L121574.D
Level 7	ICIS 460-299376/2	L121571.D
Level 8	STD80 460-299376/4	L121573.D
Level 9	STD120 460-299376/3	L121572.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	0.5039	0.5015	0.5276	0.4925 0.5018	0.4821	Ave		0.5016				3.0		20.0			
N-Nitrosodimethylamine	0.6783	0.6789	0.7129	0.6757 0.6913	0.6757	Ave		0.6855				2.1		20.0			
Pyridine	1.2086	1.1876	1.2412	1.1849 1.2113	1.2327	Ave		1.2111				1.9		20.0			
Phenol	1.4851	1.4134	1.4990	1.4785 1.4897	1.4704	Ave		1.4727			0.8000	2.1		20.0			
Aniline	1.7496	1.6868	1.7976	1.7390 1.7329	1.7548	Ave		1.7435				2.1		20.0			
Bis(2-chloroethyl)ether	1.2527 1.1603	1.1446 1.1216	1.1372 1.1743	1.1597 1.1507	1.1580	Ave		1.1621			0.7000	3.2		20.0			
2-Chlorophenol	1.3367	1.2808	1.3517	1.3263 1.3024	1.3174	Ave		1.3192			0.8000	1.9		20.0			
n-Decane	1.2520	1.3081	1.3743	1.2619 1.3383	1.2698	Ave		1.3007				3.7		20.0			
1,3-Dichlorobenzene	1.5623	1.5441	1.6244	1.5699 1.5615	1.5713	Ave		1.5722				1.7		20.0			
1,4-Dichlorobenzene	1.5760	1.5395	1.6215	1.6016 1.5493	1.5938	Ave		1.5803				2.0		20.0			
Benzyl alcohol	0.7715	0.6939	0.7438	0.7468 0.7246	0.7532	Ave		0.7390				3.6		20.0			
1,2-Dichlorobenzene	1.4783	1.4452	1.5144	1.4696 1.4526	1.4899	Ave		1.4750				1.7		20.0			
2-Methylphenol	1.0836	0.9940	1.0418	1.0825 1.0122	1.0636	Ave		1.0463			0.7000	3.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
2,2'-oxybis[1-chloropropane]	1.5336	1.4334	1.5171	1.5425 1.4789	1.5276	Ave		1.5055			0.0100	2.8		20.0			
N-Nitrosodi-n-propylamine	0.7788 0.7661	0.7417 0.6700	0.7467 0.7188	0.7603 0.7122	0.7579	Ave		0.7392			0.5000	4.6		20.0			
Acetophenone	1.5556	1.3793	1.4317	1.5728 1.4003	1.5687	Ave		1.4847			0.0100	6.1		20.0			
3 & 4 Methylphenol	1.2031	1.0704	1.1128	1.1918 1.0894	1.2066	Ave		1.1457				5.4		20.0			
4-Methylphenol	1.2031	1.0704	1.1128	1.1918 1.0894	1.2066	Ave		1.1457			0.6000	5.4		20.0			
Hexachloroethane	0.5758 0.5951	0.6118 0.6009	0.5623 0.6282	0.5900 0.6146	0.5889	Ave		0.5964			0.3000	3.4		20.0			
Nitrobenzene	0.4418 0.4708	0.4774 0.4688	0.4601 0.4911	0.4708 0.4677	0.4813	Ave		0.4700			0.2000	2.9		20.0			
n,n'-Dimethylaniline	1.8462	1.7623	1.7972	1.7913 1.7949	1.8676	Ave		1.8099				2.2		20.0			
Isophorone	0.5182	0.4835	0.5119 0.5222	0.5194 0.5171	0.5255	Ave		0.5140			0.4000	2.7		20.0			
2-Nitrophenol	0.1886	0.1858	0.2020	0.1725 0.1948	0.1743	Ave		0.1863			0.1000	6.2		20.0			
2,4-Dimethylphenol	0.2885	0.2798	0.2946	0.2860 0.2853	0.2882	Ave		0.2871			0.2000	1.7		20.0			
Bis(2-chloroethoxy)methane	0.3648	0.3495	0.3747	0.3554 0.3635	0.3615	Ave		0.3616			0.3000	2.4		20.0			
Benzoic acid	0.1230	0.1419	0.1547	0.0585 0.1709	0.0965	Lin2	-0.538	0.1593			0.0100				0.9930		0.9900
2,4-Dichlorophenol	0.2914	0.2857	0.2694 0.3069	0.2834 0.2930	0.2918	Ave		0.2888			0.2000	3.9		20.0			
1,2,4-Trichlorobenzene	0.3393 0.3476	0.3244 0.3458	0.3281 0.3742	0.3400 0.3543	0.3441	Ave		0.3442				4.2		20.0			
Naphthalene	1.0301	0.9966	1.0368	1.0415 0.9814	1.0444	Ave		1.0218			0.7000	2.6		20.0			
4-Chloroaniline	0.3961	0.3775	0.4016	0.3915 0.3966	0.4024	Ave		0.3943			0.0100	2.3		20.0			
Hexachlorobutadiene	0.2127	0.2080 0.2201	0.1925 0.2389	0.2069 0.2294	0.2061	Ave		0.2143			0.0100	6.8		20.0			
4-Chloro-3-methylphenol	0.2187	0.2067	0.2246	0.2174 0.2264	0.2219	Ave		0.2193			0.2000	3.2		20.0			
2-Methylnaphthalene	0.6350	0.6045	0.6414	0.6424 0.6229	0.6523	Ave		0.6331			0.4000	2.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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-Methylnaphthalene	0.5884	0.5555	0.5907	0.5883 0.5785	0.6020	Ave		0.5839				2.7		20.0			
Hexachlorocyclopentadiene	0.4303	0.5192	0.5194	0.3542 0.4824	0.3687	Ave		0.4457			0.0500	16.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.7711	0.7876	0.7498	0.7496 0.6805	0.7378	Ave		0.7461			0.0100	4.9		20.0			
2-tertbutyl-4-methylphenol	0.4099	0.4021	0.4227	0.3912 0.4349	0.4193	Ave		0.4133				3.8		20.0			
2,4,6-Trichlorophenol	0.4527	0.4542	0.3322 0.4359	0.4145 0.4122	0.4363	Ave		0.4197			0.2000	10.0		20.0			
2,4,5-Trichlorophenol	0.4528	0.4620	0.4502	0.4181 0.4249	0.4379	Ave		0.4410			0.2000	3.9		20.0			
1,1'-Biphenyl	1.7691	1.7452	1.6438	1.7416 1.5150	1.7347	Ave		1.6916			0.0100	5.7		20.0			
2-Chloronaphthalene	1.4178	1.4266	1.3334	1.3741 1.2354	1.3923	Ave		1.3633			0.8000	5.2		20.0			
Phenyl ether	0.9683	0.9894	0.8966	0.9326 0.8569	0.9649	Ave		0.9348				5.4		20.0			
2-Nitroaniline	0.3702	0.3794	0.3571	0.3586 0.3562	0.3834	Ave		0.3675			0.0100	3.3		20.0			
1,3-Dimethylnaphthalene	1.1157	1.0784	1.0248	1.0829 0.9889	1.1228	Ave		1.0689				4.9		20.0			
Dimethyl phthalate	1.1719	1.1774	1.1864	1.1512 1.1660	1.2377	Ave		1.1818			0.0100	2.5		20.0			
Coumarin	0.1571	0.1565	0.1710	0.1589 0.1925	0.1900	Ave		0.1710				9.7		20.0			
2,6-Dinitrotoluene	0.2753	0.1970 0.2772	0.1963 0.2808	0.2569 0.2831	0.2807	Ave		0.2559			0.2000	14.6		20.0			
Acenaphthylene	1.9392	1.9012	1.8089	1.8985 1.6989	1.9627	Ave		1.8682			0.9000	5.3		20.0			
3-Nitroaniline	0.2763	0.2926	0.2965	0.2538 0.3021	0.2933	Ave		0.2858			0.0100	6.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1969	1.2912	1.2099	1.1014 1.1858	1.1835	Ave		1.1948				5.1		20.0			
Acenaphthene	1.3099	1.2534	1.1599	1.2528 1.0891	1.3348	Ave		1.2333			0.9000	7.5		20.0			
2,4-Dinitrophenol	0.1342	0.1633	0.0453 0.1775	0.0819 +++++	0.1205	Qua	-0.566	0.1441	0.0002326		0.0100				1.0000		0.9900
4-Nitrophenol	0.1496	0.1677	0.1768	0.1265 0.1843	0.1769	Ave		0.1636			0.0100	13.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
2,4-Dinitrotoluene	0.3032	0.2088 0.3295	0.2090 0.3422	0.2779 0.3482	0.3244	Ave		0.2929			0.2000	19.3		20.0			
Dibenzofuran	1.7277	1.7156	1.6359	1.7274 1.5643	1.8033	Ave		1.6957			0.8000	4.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3184	0.3273	0.3327	0.2804 0.3322	0.3220	Ave		0.3188			0.0100	6.2		20.0			
Diethyl phthalate	1.0182	1.0826	1.1315	0.9632 1.1414	1.1284	Ave		1.0776			0.0100	6.7		20.0			
4-Chlorophenyl phenyl ether	0.6647	0.6708	0.6602	0.6479 0.6347	0.6842	Ave		0.6604			0.4000	2.6		20.0			
Fluorene	1.2609	1.2530	1.2190	1.2415 1.1902	1.3275	Ave		1.2487			0.9000	3.7		20.0			
4-Nitroaniline	0.2416	0.2772	0.2847	0.2064 0.2984	0.2750	Ave		0.2639			0.0100	12.8		20.0			
4,6-Dinitro-2-methylphenol	0.1219	0.1384	0.0569 0.1552	0.0856 +++++	0.1056	Qua	-0.276	0.1163	0.0002537		0.0100				1.0000		0.9900
N-Nitrosodiphenylamine	0.6053	0.6545	0.6041	0.5928 0.5983	0.5853	Ave		0.6067			0.0100	4.0		20.0			
1,2-Diphenylhydrazine	0.8814	0.8047	0.8393	0.8697 0.7869	0.8175	Ave		0.8332				4.5		20.0			
4-Bromophenyl phenyl ether	0.2768	0.2633	0.2837	0.2654 0.2684	0.2510	Ave		0.2681			0.1000	4.2		20.0			
Hexachlorobenzene	0.3041 0.3171	0.2952 0.3043	0.2995 0.3333	0.3046 0.3207	0.3043	Ave		0.3092			0.1000	3.9		20.0			
Pentachlorophenol	0.1720	0.1834	0.0915 0.2065	0.1296 0.2068	0.1571	Lin2	-0.443	0.1920			0.0500				0.9920		0.9900
Pentachloronitrobenzene	0.0937	0.0927	0.1112	0.0816 0.1149	0.0945	Ave		0.0981			0.0100	12.8		20.0			
n-Octadecane	0.4994	0.4847	0.5061	0.4437 0.4769	0.4191	Ave		0.4716				7.2		20.0			
Phenanthrene	1.0715	1.0626	1.1177	1.0804 1.0778	1.0813	Ave		1.0819			0.7000	1.7		20.0			
Anthracene	1.0835	1.0839	1.1536	1.0323 1.1178	1.0651	Ave		1.0894			0.7000	3.9		20.0			
Carbazole	0.8539	0.9405	1.0068	0.7687 0.9873	0.8820	Ave		0.9066			0.0100	9.9		20.0			
Di-n-butyl phthalate	0.9363	1.1608	1.2607	0.7137 1.2545	0.9211	Lin2	-2.741	1.2197			0.0100				0.9930		0.9900
Fluoranthene	0.9358	1.1376	1.2168	0.7877 1.1938	0.9593	Ave		1.0385			0.6000	16.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
Benzidine	0.5206	0.7974	0.8439	0.2833 0.8860	0.4364	Qua	-4.078	0.8247	0.0008117						0.9990		0.9900
Pyrene	1.0976	0.9576	1.0001	1.3481 0.9866	1.2515	Ave		1.1069			0.6000	14.4		20.0			
Bisphenol-A	0.4414	0.4808	0.5327	0.4261 0.5300	0.4151	Ave		0.4710				11.0		20.0			
Butyl benzyl phthalate	0.4580	0.4758	0.5144	0.3763 0.5098	0.4181	Ave		0.4587			0.0100	11.7		20.0			
2,3,7,8-TCDD		0.1894				Ave		0.1894						20.0			
Carbamazepine	0.5774	0.5865	0.6030	0.5249 0.5917	0.5430	Ave		0.5711				5.3		20.0			
3,3'-Dichlorobenzidine	0.4760	0.5248	0.3621 0.5353	0.3734 0.5517	0.3990	Ave		0.4603			0.0100	17.6		20.0			
Benzo[a]anthracene	1.1331 1.0981	1.1537 1.1103	1.0257 1.1753	1.0569 1.1388	1.0790	Ave		1.1079			0.8000	4.3		20.0			
Bis(2-ethylhexyl) phthalate	0.7729	0.7808	0.8204	0.7680 0.7807	0.7025	Ave		0.7709			0.0100	5.0		20.0			
Chrysene	1.1001	1.0932	1.1696	1.0574 1.1096	1.1026	Ave		1.1054			0.7000	3.3		20.0			
Di-n-octyl phthalate	1.0673	1.0450	1.0467	1.0516 0.9831	1.0513	Ave		1.0409			0.0100	2.8		20.0			
Benzo[b]fluoranthene	0.7295 1.0062	0.8007 1.0097	0.7602 1.0655	0.8390 1.0368	0.9184	Ave		0.9073			0.7000	14.1		20.0			
Benzo[k]fluoranthene	0.9587 1.1087	0.9892 1.1160	0.9396 1.1761	0.9984 1.1137	1.0980	Ave		1.0554			0.7000	8.0		20.0			
Benzo[a]pyrene	0.8073 1.0203	0.8410 1.0514	0.8369 1.1272	0.9187 1.0908	0.9644	Ave		0.9620			0.7000	12.3		20.0			
Indeno[1,2,3-cd]pyrene	0.8633 1.3060	0.9228 1.4288	1.0652 1.5191	1.3340 1.4983	1.3049	Lin2	-0.319	1.3871			0.5000				0.9920		0.9900
Dibenz(a,h)anthracene	0.9667 1.3314	1.0959 1.3575	1.1553 1.4296	1.2617 1.3969	1.3105	Ave		1.2562			0.4000	12.2		20.0			
Benzo[g,h,i]perylene	1.4110	1.3971	1.4937	1.3732 1.5007	1.3783	Ave		1.4257			0.5000	4.0		20.0			
2-Fluorophenol (Surr)	1.3064	1.1639 1.3549	1.3433 1.3471	1.2386 1.2477	1.3281	Ave		1.2913				5.3		20.0			
Phenol-d5 (Surr)	1.4577	1.3237 1.4181	1.5781 1.3964	1.4303 1.3088	1.4779	Ave		1.4239				6.1		20.0			
Nitrobenzene-d5 (Surr)	0.3263 0.3547	0.3295 0.3663	0.3835 0.3713	0.3368 0.3429	0.3580	Ave		0.3521				5.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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-Fluorobiphenyl	1.6420 1.8103	1.4540 1.8711	1.7284 1.6467	1.7282 1.4639	1.7789	Ave		1.6804				8.6		20.0			
2,4,6-Tribromophenol (Surr)	 0.2559	0.1544 0.2866	0.2008 0.2792	0.2386 0.2749	0.2816	Lin2	-0.130	0.2772			0.0100				0.9970		0.9900
Terphenyl-d14 (Surr)	0.9297 0.8850	0.8915 0.8242	1.0511 0.8352	0.9985 0.8118	0.9922	Ave		0.9132				9.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-299376/10	L121579.D
Level 2	STD1 460-299376/9	L121578.D
Level 3	STD2 460-299376/8	L121577.D
Level 4	STD5 460-299376/7	L121576.D
Level 5	STD10 460-299376/6	L121575.D
Level 6	STD20 460-299376/5	L121574.D
Level 7	ICIS 460-299376/2	L121571.D
Level 8	STD80 460-299376/4	L121573.D
Level 9	STD120 460-299376/3	L121572.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	148421	324444	498829	45383 606749	48632	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	199775	439214	674008	62266 835843	68168	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	355981	768295	1173392	109186 1464614	124362	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	437409	914373	1417110	136238 1801320	148334	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	515294	1091234	1699471	160244 2095298	177032	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	9849 341728	17054 725566	40521 1110228	106864 1391357	116823	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	393696	828546	1277926	122217 1574860	132902	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	368741	846214	1299220	116280 1618269	128097	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	460130	998874	1535700	144660 1888151	158517	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	464179	995907	1532970	147581 1873314	160788	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	227226	448895	703205	68817 876210	75983	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	435409	934920	1431747	135419 1756471	150308	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	319140	643027	984917	99749 1223860	107300	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	451684	927275	1434225	142140 1788255	154104	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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
N-Nitrosodi-n-propylamine	DCB	Ave	6123 225640	11050 433449	26607 679570	70060 861155	76459	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	458157	892260	1353566	144928 1693157	158254	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	354344	692429	1052070	109817 1317194	121723	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	354344	692429	1052070	109817 1317194	121723	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	4527 175264	9115 388729	20035 593893	54368 743176	59411	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	12414 482633	24698 967332	57112 1477197	151161 1845520	167048	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	543763	1140054	1699111	165058 2170276	188410	20.0	50.0	80.0	5.00 120	10.0
Isophorone	NPT	Ave	531185	997578	63538 1570810	166759 2040576	182367	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	193308	383371	607625	55396 768509	60494	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	295729	577233	886273	91819 1125820	100022	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	373964	721122	1127141	114105 1434524	125464	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	126114	292863	465216	18776 674508	33479	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	298754	589512	33434 923153	90994 1156380	101281	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	9535 356374	16783 713513	40722 1125494	109185 1397923	119411	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	1056005	2056230	3118686	334423 3872471	362455	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	406071	778800	1208095	125719 1564934	139640	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	218093	10764 454046	23895 718704	66448 905258	71517	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	224195	426564	675715	69815 893251	77022	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	650988	1247180	1929354	206283 2457997	226365	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	603158	1146151	1776804	188891 2282760	208929	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	182317	414335	693014	48188 906466	55925	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	326728	628530	1000392	101982 1278665	111896	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	420196	829569	1271635	125613 1716053	145505	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	191797	362470	19575 581544	56383 774405	66167	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	191838	368678	600593	56884 798265	66409	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	749559	1392772	2193078	236924 2846525	263095	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	600730	1138567	1779015	186936 2321118	211164	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	410249	789645	1196207	126876 1610105	146343	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	156835	302750	476468	48788 669285	58147	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	472702	860606	1367194	147324 1857979	170295	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	496531	939691	1582820	156612 2190835	187720	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	161036	322901	514385	51025 759554	65938	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	116651	4907 221214	11567 374573	34953 531862	42567	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	821642	1517337	2413338	258266 3192035	297677	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	117076	233526	395583	34529 567696	44478	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	507100	1030457	1614232	149840 2227972	179497	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	554991	1000292	1547564	170432 2046285	202440	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Qua	113701	260720	5339 473546	22272 +++++	36563	40.0	100	4.00 160	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	126785	267733	471646	34418 692424	53654	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	128472	5202 263000	12316 456565	37808 654176	49195	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	732008	1369148	2182542	234989 2939168	273503	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	134886	261237	443813	38150 624174	48829	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	431417	864011	1509674	131029 2144584	171142	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	281628	535330	880772	88144 1192504	103765	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	534217	999968	1626316	168890 2236320	201335	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	102352	221189	379876	28080 560642	41714	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Qua	139994	325609	8057 583119	31572 +++++	50417	40.0	100	4.00 160	10.0 +++++	20.0
N-Nitrosodiphenylamine	PHN	Ave	347469	769801	1134533	109335 1661733	139727	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	505935	946472	1576387	160399 2185661	195164	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	158890	309650	532839	48950 745579	59925	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	5477 182012	9751 357898	21224 625934	56175 890585	72645	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Lin2	197489	431332	12962 775589	47800 1148979	75003	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	53787	109060	208893	15058 319051	22564	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	286670	570173	950520	81835 1324531	100041	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	615052	1249890	2099267	199261 2993425	258136	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	621956	1274875	2166733	190405 3104557	254277	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	490180	1106279	1891043	141785 2742042	210564	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Lin2	537437	1365375	2367770	131626 3484181	219894	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	537144	1338063	2285367	145280 3315642	228997	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Qua	298819	937909	1585054	52250 2460897	104170	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	563336	1420071	2386508	147582 3469069	241324	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	226524	712957	1271148	46643 1863790	80032	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	235061	705582	1227637	41192 1792751	80614	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		2808					0.500			
Carbamazepine	CRY	Ave	296343	869712	1438907	57465 2080447	104706	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	244284	778206	14469 1277492	40873 1939774	76940	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	11736 563553	26219 1646511	40986 2804620	115707 4004360	208062	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	396653	1157860	1957838	84075 2745317	135447	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	564617	1621105	2791148	115763 3901594	212606	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	734499	2149337	3654935	161962 5039439	245581	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	10632 692514	24089 2076637	42640 3720295	129210 5314600	214529	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	13973 762990	29759 2295182	52701 4106736	153762 5708498	256489	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	11766 702177	25302 2162338	46944 3935746	141493 5591480	225273	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Lin2	12582 898773	27761 2938562	59749 5304436	205459 7680120	304823	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	14089 916260	32970 2791978	64803 4991909	194319 7160486	306126	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	971035	2873408	5215487	211490 7692175	321971	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCB	Ave	384762	17341 876517	47865 1273532	114133 1508670	133985	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCB	Ave	429325	19722 917393	56231 1320152	131801 1582524	149097	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	9168 363652	17046 755811	47606 1116823	108127 1352919	124236	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	20926 767008	36225 1493247	101836 2196923	235099 2750478	269797	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Lin2	108413	3847 228739	11830 372521	32458 516511	42715	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	9629 454234	20259 1222147	41999 1993122	109309 2854678	191313	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Curve Type Legend:

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121571.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 19-May-2015 04:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:14 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 05:21:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.694	1.694	0.000	94	324444	50.0	50.0	
	2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	86	439214	50.0	49.5	
	3 Pyridine	79	1.964	1.964	0.000	94	768295	50.0	49.0	
$	4 2-Fluorophenol	112	3.117	3.117	0.000	96	876517	50.0	52.5	
$	6 Phenol-d5	99	4.046	4.046	0.000	87	917393	50.0	49.8	
	7 Phenol	94	4.064	4.064	0.000	99	914373	50.0	48.0	
	8 Aniline	93	4.088	4.088	0.000	98	1091234	50.0	48.4	
	9 Bis(2-chloroethyl)ether	93	4.152	4.152	0.000	99	725566	50.0	48.3	
	10 2-Chlorophenol	128	4.211	4.211	0.000	97	828546	50.0	48.5	
	11 n-Decane	43	4.270	4.270	0.000	90	846214	50.0	50.3	
	12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	998874	50.0	49.1	
*	13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	95	517527	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.440	4.440	0.000	95	995907	50.0	48.7	
	15 Benzyl alcohol	108	4.558	4.558	0.000	94	448895	50.0	47.0	
	16 1,2-Dichlorobenzene	146	4.593	4.593	0.000	97	934920	50.0	49.0	
	17 2-Methylphenol	108	4.670	4.670	0.000	91	643027	50.0	47.5	
	18 2,2'-oxybis[1-chloropropan	45	4.699	4.699	0.000	93	927275	50.0	47.6	
	20 3 & 4 Methylphenol	108	4.829	4.829	0.000	74	692429	50.0	46.7	
	21 N-Nitrosodi-n-propylamine	70	4.829	4.829	0.000	84	433449	50.0	45.3	
	19 4-Methylphenol	108	4.829	4.829	0.000	72	692429	50.0	46.7	
	22 Acetophenone	105	4.829	4.829	0.000	96	892260	50.0	46.4	
	25 Hexachloroethane	117	4.940	4.940	0.000	93	388729	50.0	50.4	
$	26 Nitrobenzene-d5	82	4.982	4.982	0.000	87	755811	50.0	52.0	
	27 Nitrobenzene	77	4.999	4.999	0.000	98	967332	50.0	49.9	
	28 n,n'-Dimethylaniline	120	5.005	5.005	0.000	92	1140054	50.0	48.7	
	29 Isophorone	82	5.240	5.240	0.000	99	997578	50.0	47.0	
	30 2-Nitrophenol	139	5.323	5.323	0.000	95	383371	50.0	49.9	
	31 2,4-Dimethylphenol	122	5.370	5.370	0.000	92	577233	50.0	48.7	
	32 Bis(2-chloroethoxy)methane	93	5.458	5.458	0.000	99	721122	50.0	48.3	
	33 Benzoic acid	122	5.482	5.482	0.000	89	292863	50.0	47.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.564	5.564	0.000	97	589512	50.0	49.5	
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	713513	50.0	50.2	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	1650571	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	2056230	50.0	48.8	
38 4-Chloroaniline	127	5.782	5.782	0.000	98	778800	50.0	47.9	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	454046	50.0	51.3	
41 4-Chloro-3-methylphenol	107	6.270	6.270	0.000	94	426564	50.0	47.1	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	1247180	50.0	47.7	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	1146151	50.0	47.6	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	98	414335	50.0	58.2	
45 1,2,4,5-Tetrachlorobenzene	216	6.599	6.599	0.000	98	628530	50.0	52.8	
46 2-tertbutyl-4-methylphenol	149	6.629	6.629	0.000	93	829569	50.0	48.6	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	362470	50.0	54.1	
49 2,4,5-Trichlorophenol	196	6.740	6.740	0.000	99	368678	50.0	52.4	
$ 50 2-Fluorobiphenyl	172	6.793	6.793	0.000	98	1493247	50.0	55.7	
51 1,1'-Biphenyl	154	6.893	6.893	0.000	95	1392772	50.0	51.6	
52 2-Chloronaphthalene	162	6.911	6.911	0.000	99	1138567	50.0	52.3	
53 Phenyl ether	170	6.993	6.993	0.000	87	789645	50.0	52.9	
54 2-Nitroaniline	65	7.005	7.005	0.000	96	302750	50.0	51.6	
55 1,3-Dimethylnaphthalene	156	7.128	7.128	0.000	93	860606	50.0	50.4	
58 Dimethyl phthalate	163	7.193	7.193	0.000	99	939691	50.0	49.8	
59 Coumarin	146	7.211	7.211	0.000	78	322901	50.0	45.8	
60 2,6-Dinitrotoluene	165	7.246	7.246	0.000	96	221214	50.0	54.2	
61 Acenaphthylene	152	7.323	7.323	0.000	98	1517337	50.0	50.9	
62 3-Nitroaniline	138	7.411	7.411	0.000	97	233526	50.0	51.2	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	96	638459	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.487	7.487	0.000	96	1030457	50.0	54.0	
65 Acenaphthene	154	7.493	7.493	0.000	95	1000292	50.0	50.8	
66 2,4-Dinitrophenol	184	7.517	7.517	0.000	88	260720	100.0	100.9	
67 4-Nitrophenol	65	7.581	7.581	0.000	89	267733	100.0	102.5	
68 2,4-Dinitrotoluene	165	7.646	7.646	0.000	97	263000	50.0	56.3	
69 Dibenzofuran	168	7.664	7.664	0.000	96	1369148	50.0	50.6	
70 2,3,4,6-Tetrachlorophenol	232	7.787	7.787	0.000	96	261237	50.0	51.3	
71 Diethyl phthalate	149	7.893	7.893	0.000	99	864011	50.0	50.2	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	90	535330	50.0	50.8	
74 Fluorene	166	8.005	8.005	0.000	95	999968	50.0	50.2	
75 4-Nitroaniline	138	8.017	8.017	0.000	87	221189	50.0	52.5	
76 4,6-Dinitro-2-methylphenol	198	8.052	8.052	0.000	92	325609	100.0	99.7	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	67	769801	50.0	53.9	
78 1,2-Diphenylhydrazine	77	8.158	8.158	0.000	97	946472	50.0	48.3	
$ 79 2,4,6-Tribromophenol	330	8.240	8.240	0.000	91	228739	50.0	52.2	
80 4-Bromophenyl phenyl ether	248	8.481	8.481	0.000	95	309650	50.0	49.1	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	357898	50.0	49.2	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	431332	100.0	97.8	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	90	109060	50.0	47.3	
72 n-Octadecane	57	8.822	8.822	0.000	94	570173	50.0	51.4	
* 85 Phenanthrene-d10	188	8.922	8.922	0.000	98	940977	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	1249890	50.0	49.1	
87 Anthracene	178	8.999	8.999	0.000	99	1274875	50.0	49.7	
88 Carbazole	167	9.152	9.152	0.000	96	1106279	50.0	51.9	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	1365375	50.0	49.8	
90 Fluoranthene	202	10.117	10.117	0.000	98	1338063	50.0	54.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.246	10.246	0.000	99	937909	50.0	50.8	
92 Pyrene	202	10.346	10.346	0.000	97	1420071	50.0	43.3	
93 Bisphenol-A	213	10.387	10.387	0.000	99	712957	50.0	51.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	1222147	50.0	45.1	
95 Butyl benzyl phthalate	149	11.034	11.034	0.000	96	705582	50.0	51.9	
96 2,3,7,8-TCDD	320	11.152	11.152	0.000	91	2808	0.5000	0.5000	
97 Carbamazepine	193	11.164	11.164	0.000	91	869712	50.0	51.4	
98 3,3'-Dichlorobenzidine	252	11.669	11.669	0.000	99	778206	50.0	57.0	
99 Benzo[a]anthracene	228	11.699	11.699	0.000	98	1646511	50.0	50.1	
* 100 Chrysene-d12	240	11.711	11.711	0.000	99	1186307	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.740	11.740	0.000	87	1157860	50.0	50.6	
101 Chrysene	228	11.746	11.746	0.000	99	1621105	50.0	49.4	
103 Di-n-octyl phthalate	149	12.605	12.605	0.000	96	2149337	50.0	50.2	
104 Benzo[b]fluoranthene	252	13.122	13.122	0.000	99	2076637	50.0	55.6	
105 Benzo[k]fluoranthene	252	13.163	13.163	0.000	99	2295182	50.0	52.9	
106 Benzo[a]pyrene	252	13.575	13.575	0.000	97	2162338	50.0	54.6	
* 107 Perylene-d12	264	13.652	13.652	0.000	99	1645354	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.116	15.116	0.000	98	2938562	50.0	51.7	
109 Dibenz(a,h)anthracene	278	15.146	15.146	0.000	98	2791978	50.0	54.0	
110 Benzo[g,h,i]perylene	276	15.481	15.481	0.000	98	2873408	50.0	49.0	

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

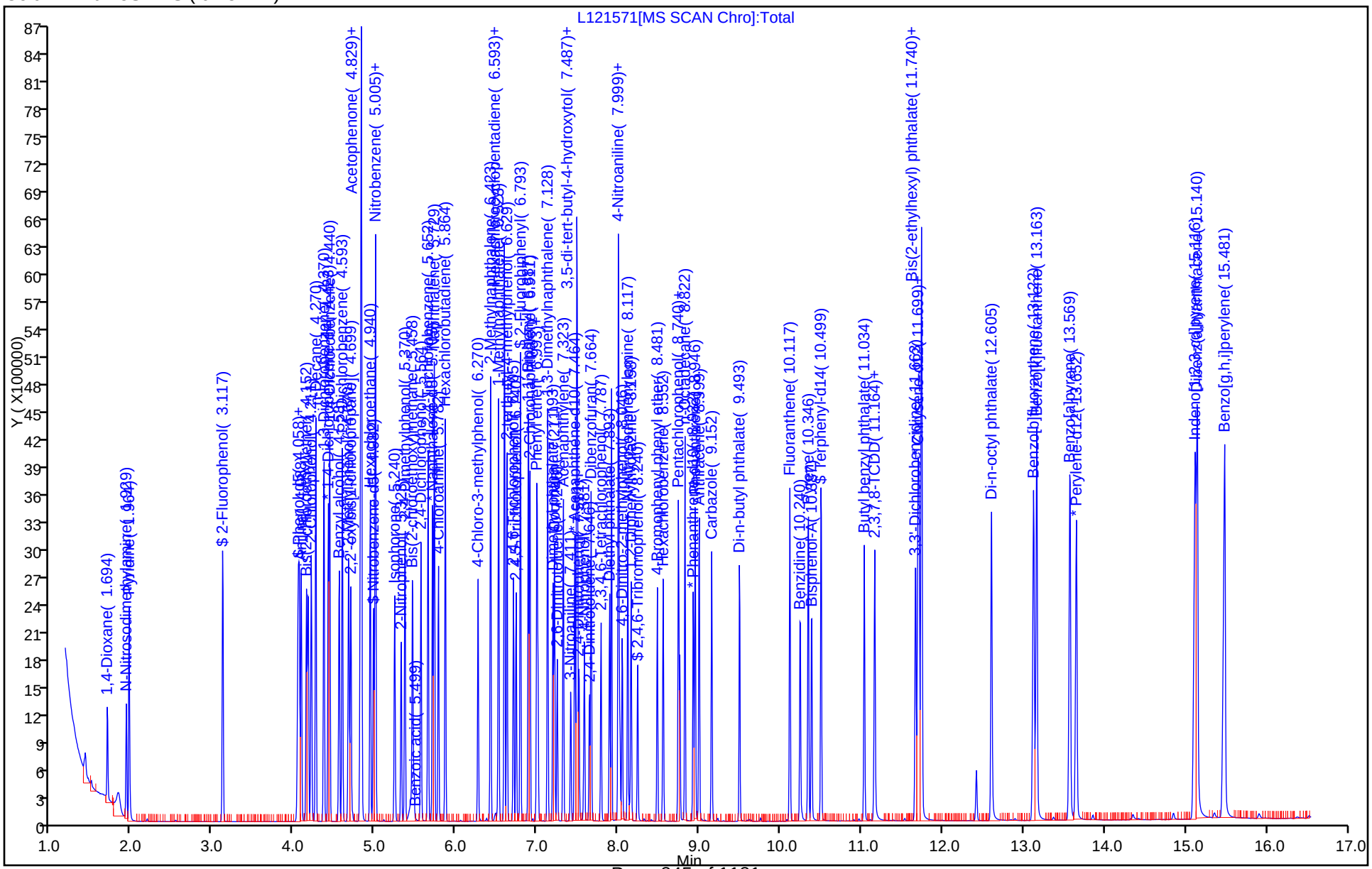
Report Date: 19-May-2015 13:07:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121571.D

Injection Date:	19-May-2015 04:30:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-May-2015 05:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-003
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:18 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:15:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.688	1.694	-0.006	94	606749	120.0	120.1	
2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	86	835843	120.0	121.0	
3 Pyridine	79	1.958	1.964	-0.006	94	1464614	120.0	120.0	
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	1508670	120.0	116.0	
$ 6 Phenol-d5	99	4.058	4.046	0.012	97	1582524	120.0	110.3	
7 Phenol	94	4.076	4.064	0.012	99	1801320	120.0	121.4	
8 Aniline	93	4.088	4.088	0.000	99	2095298	120.0	119.3	
9 Bis(2-chloroethyl)ether	93	4.158	4.152	0.006	98	1391357	120.0	118.8	
10 2-Chlorophenol	128	4.217	4.211	0.006	97	1574860	120.0	118.5	
11 n-Decane	43	4.270	4.270	0.000	90	1618269	120.0	123.5	
12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	1888151	120.0	119.2	
* 13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	94	403051	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.440	4.440	0.000	95	1873314	120.0	117.6	
15 Benzyl alcohol	108	4.564	4.558	0.006	94	876210	120.0	117.7	
16 1,2-Dichlorobenzene	146	4.599	4.593	0.006	96	1756471	120.0	118.2	
17 2-Methylphenol	108	4.682	4.670	0.012	91	1223860	120.0	116.1	
18 2,2'-oxybis[1-chloropropan	45	4.705	4.699	0.006	93	1788255	120.0	117.9	
20 3 & 4 Methylphenol	108	4.840	4.829	0.011	83	1317194	120.0	114.1	
21 N-Nitrosodi-n-propylamine	70	4.840	4.829	0.011	89	861155	120.0	115.6	
19 4-Methylphenol	108	4.840	4.829	0.011	83	1317194	120.0	114.1	
22 Acetophenone	105	4.835	4.829	0.006	94	1693157	120.0	113.2	
25 Hexachloroethane	117	4.940	4.940	0.000	92	743176	120.0	123.7	
$ 26 Nitrobenzene-d5	82	4.987	4.982	0.005	86	1352919	120.0	116.8	
27 Nitrobenzene	77	5.011	4.999	0.012	97	1845520	120.0	119.4	
28 n,n'-Dimethylaniline	120	5.011	5.005	0.006	93	2170276	120.0	119.0	
29 Isophorone	82	5.252	5.240	0.012	99	2040576	120.0	120.7	
30 2-Nitrophenol	139	5.329	5.323	0.006	95	768509	120.0	125.4	
31 2,4-Dimethylphenol	122	5.376	5.370	0.006	92	1125820	120.0	119.3	
32 Bis(2-chloroethoxy)methane	93	5.464	5.458	0.006	99	1434524	120.0	120.7	
33 Benzoic acid	122	5.523	5.482	0.041	89	674508	120.0	132.2	
34 2,4-Dichlorophenol	162	5.570	5.564	0.006	96	1156380	120.0	121.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.658	5.652	0.006	94	1397923	120.0	123.5	
* 36 Naphthalene-d8	136	5.711	5.705	0.006	99	1315347	40.0	40.0	
37 Naphthalene	128	5.734	5.729	0.005	100	3872471	120.0	115.3	
38 4-Chloroaniline	127	5.787	5.782	0.005	97	1564934	120.0	120.7	
39 Hexachlorobutadiene	225	5.870	5.864	0.006	97	905258	120.0	128.4	
41 4-Chloro-3-methylphenol	107	6.276	6.270	0.006	94	893251	120.0	123.9	
42 2-Methylnaphthalene	142	6.429	6.423	0.006	85	2457997	120.0	118.1	
43 1-Methylnaphthalene	142	6.529	6.523	0.006	93	2282760	120.0	118.9	
44 Hexachlorocyclopentadiene	237	6.599	6.593	0.006	98	906466	120.0	129.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.605	6.599	0.006	98	1278665	120.0	109.5	
46 2-tertbutyl-4-methylphenol	149	6.634	6.629	0.005	93	1716053	120.0	126.3	
48 2,4,6-Trichlorophenol	196	6.711	6.705	0.006	92	774405	120.0	117.8	
49 2,4,5-Trichlorophenol	196	6.746	6.740	0.006	99	798265	120.0	115.6	
$ 50 2-Fluorobiphenyl	172	6.799	6.793	0.006	97	2750478	120.0	104.5	
51 1,1'-Biphenyl	154	6.899	6.893	0.006	95	2846525	120.0	107.5	
52 2-Chloronaphthalene	162	6.917	6.911	0.006	98	2321118	120.0	108.7	
53 Phenyl ether	170	6.999	6.993	0.006	84	1610105	120.0	110.0	
54 2-Nitroaniline	65	7.017	7.005	0.012	94	669285	120.0	116.3	
55 1,3-Dimethylnaphthalene	156	7.134	7.128	0.006	93	1857979	120.0	111.0	
58 Dimethyl phthalate	163	7.205	7.193	0.012	99	2190835	120.0	118.4	
59 Coumarin	146	7.223	7.211	0.012	77	759554	120.0	135.1	
60 2,6-Dinitrotoluene	165	7.258	7.246	0.012	95	531862	120.0	132.7	
61 Acenaphthylene	152	7.328	7.323	0.005	98	3192035	120.0	109.1	
62 3-Nitroaniline	138	7.423	7.411	0.012	97	567696	120.0	126.9	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	92	626300	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.493	7.487	0.006	96	2227972	120.0	119.1	
65 Acenaphthene	154	7.499	7.493	0.006	95	2046285	120.0	106.0	
66 2,4-Dinitrophenol	184	7.528	7.517	0.011	95	706411	240.0	230.9	
67 4-Nitrophenol	65	7.593	7.581	0.012	90	692424	240.0	270.3	
68 2,4-Dinitrotoluene	165	7.658	7.646	0.012	97	654176	120.0	142.6	
69 Dibenzofuran	168	7.670	7.664	0.006	96	2939168	120.0	110.7	
70 2,3,4,6-Tetrachlorophenol	232	7.793	7.787	0.006	96	624174	120.0	125.0	
71 Diethyl phthalate	149	7.899	7.893	0.006	99	2144584	120.0	127.1	
73 4-Chlorophenyl phenyl ethe	204	8.005	7.999	0.006	90	1192504	120.0	115.3	
74 Fluorene	166	8.011	8.005	0.006	95	2236320	120.0	114.4	
75 4-Nitroaniline	138	8.040	8.017	0.023	87	560642	120.0	135.7	
76 4,6-Dinitro-2-methylphenol	198	8.064	8.052	0.012	92	868649	240.0	219.8	
77 N-Nitrosodiphenylamine	169	8.128	8.117	0.011	66	1661733	120.0	118.3	
78 1,2-Diphenylhydrazine	77	8.164	8.158	0.006	96	2185661	120.0	113.3	
$ 79 2,4,6-Tribromophenol	330	8.246	8.240	0.006	91	516511	120.0	119.5	
80 4-Bromophenyl phenyl ether	248	8.487	8.481	0.006	95	745579	120.0	120.2	
81 Hexachlorobenzene	284	8.564	8.552	0.012	95	890585	120.0	124.4	
83 Pentachlorophenol	266	8.752	8.740	0.012	95	1148979	240.0	260.8	
84 Pentachloronitrobenzene	237	8.764	8.758	0.006	91	319051	120.0	140.5	
72 n-Octadecane	57	8.828	8.822	0.006	94	1324531	120.0	121.3	
* 85 Phenanthrene-d10	188	8.928	8.922	0.006	98	925807	40.0	40.0	
86 Phenanthrene	178	8.958	8.946	0.012	98	2993425	120.0	119.5	
87 Anthracene	178	9.005	8.999	0.006	98	3104557	120.0	123.1	
88 Carbazole	167	9.158	9.152	0.006	96	2742042	120.0	130.7	
89 Di-n-butyl phthalate	149	9.499	9.493	0.006	99	3484181	120.0	125.7	
90 Fluoranthene	202	10.122	10.117	0.005	97	3315642	120.0	137.9	
91 Benzidine	184	10.252	10.246	0.006	99	2460897	120.0	119.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.352	10.346	0.006	97	3469069	120.0	107.0	
93 Bisphenol-A	213	10.393	10.387	0.006	99	1863790	120.0	135.0	
$ 94 Terphenyl-d14	244	10.511	10.499	0.012	99	2854678	120.0	106.7	
95 Butyl benzyl phthalate	149	11.040	11.034	0.006	96	1792751	120.0	133.4	
97 Carbamazepine	193	11.181	11.164	0.017	91	2080447	120.0	124.3	
98 3,3'-Dichlorobenzidine	252	11.681	11.669	0.012	99	1939774	120.0	143.8	
99 Benzo[a]anthracene	228	11.711	11.699	0.012	98	4004360	120.0	123.3	
* 100 Chrysene-d12	240	11.722	11.711	0.011	99	1172092	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.746	11.740	0.006	85	2745317	120.0	121.5	
101 Chrysene	228	11.758	11.746	0.012	98	3901594	120.0	120.5	
103 Di-n-octyl phthalate	149	12.616	12.605	0.011	97	5039439	120.0	113.3	
104 Benzo[b]fluoranthene	252	13.146	13.122	0.024	99	5314600	120.0	137.1	
105 Benzo[k]fluoranthene	252	13.187	13.163	0.024	99	5708498	120.0	126.6	
106 Benzo[a]pyrene	252	13.593	13.575	0.018	97	5591480	120.0	136.1	
* 107 Perylene-d12	264	13.663	13.652	0.011	99	1708610	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.140	15.116	0.024	99	7680120	120.0	129.8	M
109 Dibenz(a,h)anthracene	278	15.181	15.146	0.035	96	7160486	120.0	133.4	
110 Benzo[g,h,i]perylene	276	15.522	15.481	0.041	98	7692175	120.0	126.3	
S 117 Total Cresols	1				0			230.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00006 Amount Added: 1.00 Units: mL

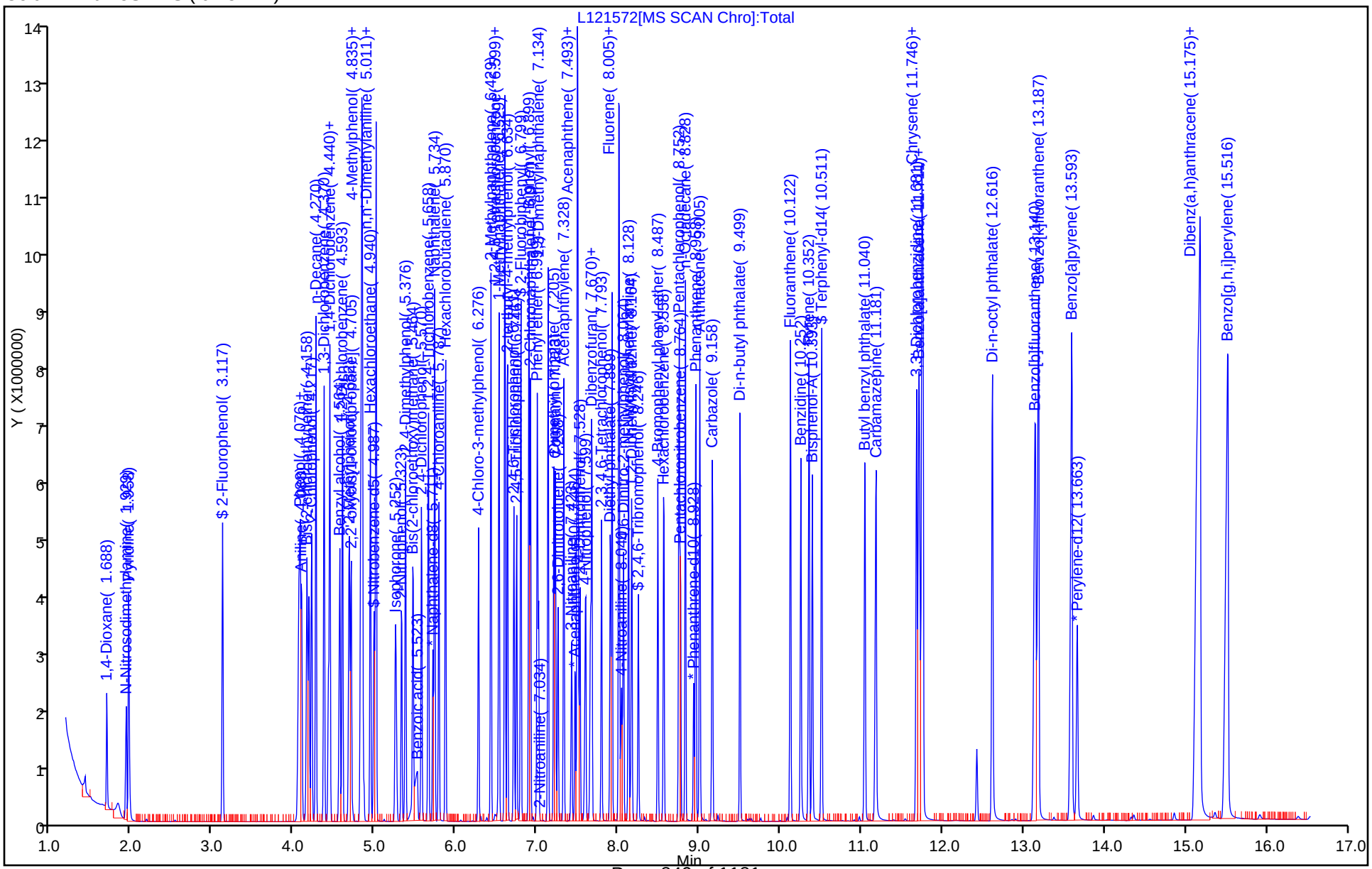
Report Date: 19-May-2015 13:07:20 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D

Injection Date:	19-May-2015 05:17:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

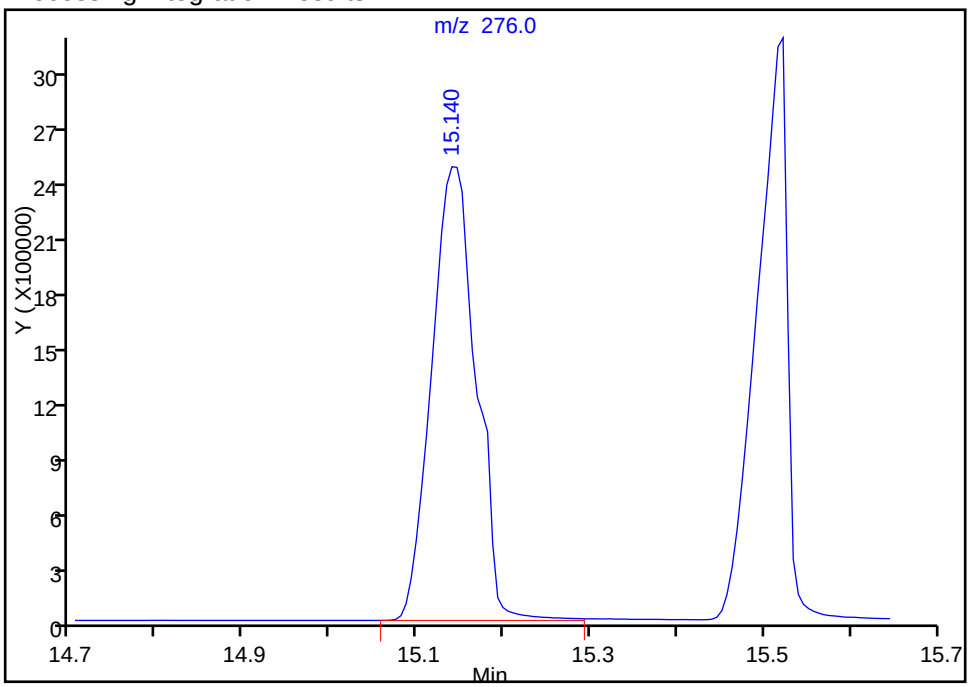
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D
Injection Date: 19-May-2015 05:17:30 Instrument ID: CBNAMS12
Lims ID: STD120
Client ID:
Operator ID: BNA 12 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

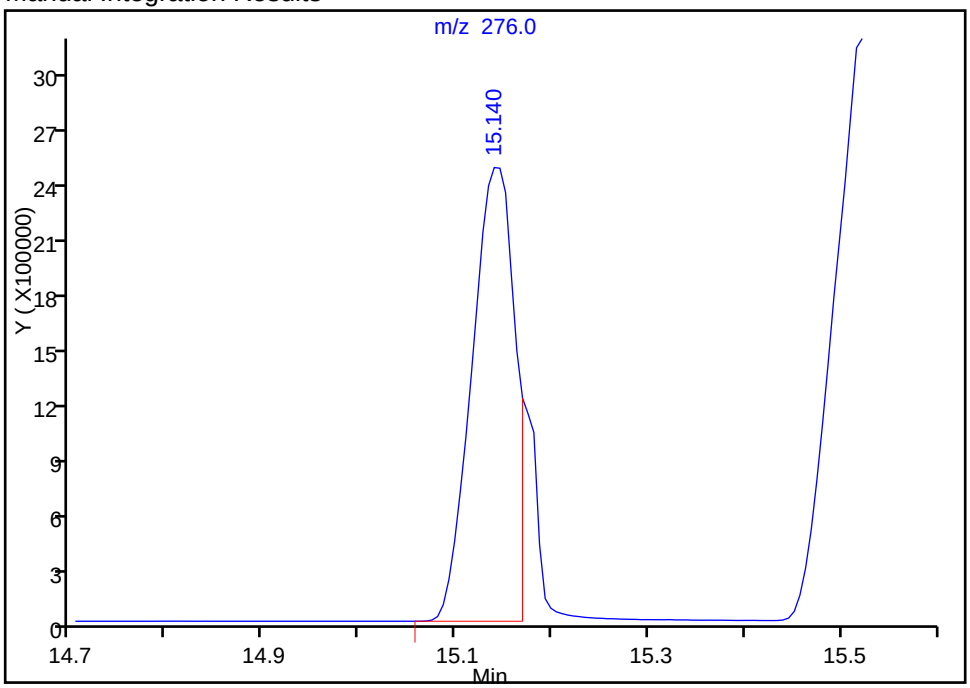
Processing Integration Results

RT: 15.14
Area: 8766168
Amount: 120.3283
Amount Units: ug/ml



Manual Integration Results

RT: 15.14
Area: 7680120
Amount: 129.8485
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:15:38
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121573.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-May-2015 05:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-004
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:22 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:20:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.694	1.694	0.000	94	498829	80.0	84.2	
2 N-Nitrosodimethylamine	74	1.935	1.929	0.006	86	674008	80.0	83.2	
3 Pyridine	79	1.964	1.964	0.000	94	1173392	80.0	82.0	
$ 4 2-Fluorophenol	112	3.123	3.117	0.006	96	1273532	80.0	83.5	
$ 6 Phenol-d5	99	4.052	4.046	0.006	90	1320152	80.0	78.5	
7 Phenol	94	4.070	4.064	0.006	99	1417110	80.0	81.4	
8 Aniline	93	4.094	4.088	0.006	98	1699471	80.0	82.5	
9 Bis(2-chloroethyl)ether	93	4.158	4.152	0.006	98	1110228	80.0	80.8	
10 2-Chlorophenol	128	4.217	4.211	0.006	97	1277926	80.0	82.0	
11 n-Decane	43	4.270	4.270	0.000	90	1299220	80.0	84.5	
12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	1535700	80.0	82.7	
* 13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	95	472699	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.441	4.440	0.001	95	1532970	80.0	82.1	
15 Benzyl alcohol	108	4.558	4.558	0.000	94	703205	80.0	80.5	
16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	96	1431747	80.0	82.1	
17 2-Methylphenol	108	4.676	4.670	0.006	91	984917	80.0	79.7	
18 2,2'-oxybis[1-chloropropan	45	4.699	4.699	0.000	93	1434225	80.0	80.6	
20 3 & 4 Methylphenol	108	4.835	4.829	0.006	91	1052070	80.0	77.7	
21 N-Nitrosodi-n-propylamine	70	4.835	4.829	0.006	77	679570	80.0	77.8	
19 4-Methylphenol	108	4.835	4.829	0.006	89	1052070	80.0	77.7	
22 Acetophenone	105	4.835	4.829	0.006	94	1353566	80.0	77.1	
25 Hexachloroethane	117	4.941	4.940	0.001	93	593893	80.0	84.3	
$ 26 Nitrobenzene-d5	82	4.982	4.982	0.000	87	1116823	80.0	84.3	
27 Nitrobenzene	77	5.005	4.999	0.006	98	1477197	80.0	83.6	
28 n,n'-Dimethylaniline	120	5.011	5.005	0.006	92	1699111	80.0	79.4	
29 Isophorone	82	5.246	5.240	0.006	99	1570810	80.0	81.3	
30 2-Nitrophenol	139	5.323	5.323	0.000	95	607625	80.0	86.7	
31 2,4-Dimethylphenol	122	5.370	5.370	0.000	92	886273	80.0	82.1	
32 Bis(2-chloroethoxy)methane	93	5.464	5.458	0.006	99	1127141	80.0	82.9	
33 Benzoic acid	122	5.499	5.482	0.017	88	465216	80.0	81.1	
34 2,4-Dichlorophenol	162	5.570	5.564	0.006	96	923153	80.0	85.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	1125494	80.0	87.0	
* 36 Naphthalene-d8	136	5.711	5.705	0.006	99	1504026	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	3118686	80.0	81.2	
38 4-Chloroaniline	127	5.782	5.782	0.000	98	1208095	80.0	81.5	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	718704	80.0	89.2	
41 4-Chloro-3-methylphenol	107	6.270	6.270	0.000	94	675715	80.0	81.9	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	1929354	80.0	81.1	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	1776804	80.0	80.9	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	96	693014	80.0	93.2	
45 1,2,4,5-Tetrachlorobenzene	216	6.599	6.599	0.000	98	1000392	80.0	80.4	
46 2-tertbutyl-4-methylphenol	149	6.629	6.629	0.000	93	1271635	80.0	81.8	
48 2,4,6-Trichlorophenol	196	6.711	6.705	0.006	94	581544	80.0	83.1	
49 2,4,5-Trichlorophenol	196	6.740	6.740	0.000	99	600593	80.0	81.7	
$ 50 2-Fluorobiphenyl	172	6.793	6.793	0.000	97	2196923	80.0	78.4	
51 1,1'-Biphenyl	154	6.893	6.893	0.000	95	2193078	80.0	77.7	
52 2-Chloronaphthalene	162	6.911	6.911	0.000	98	1779015	80.0	78.2	
53 Phenyl ether	170	6.999	6.993	0.006	86	1196207	80.0	76.7	
54 2-Nitroaniline	65	7.011	7.005	0.006	94	476468	80.0	77.7	
55 1,3-Dimethylnaphthalene	156	7.129	7.128	0.001	94	1367194	80.0	76.7	
58 Dimethyl phthalate	163	7.199	7.193	0.006	99	1582820	80.0	80.3	
59 Coumarin	146	7.217	7.211	0.006	78	514385	80.0	80.0	
60 2,6-Dinitrotoluene	165	7.252	7.246	0.006	95	374573	80.0	87.8	
61 Acenaphthylene	152	7.323	7.323	0.000	98	2413338	80.0	77.5	
62 3-Nitroaniline	138	7.417	7.411	0.006	96	395583	80.0	83.0	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	93	667083	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.488	7.487	0.001	97	1614232	80.0	81.0	
65 Acenaphthene	154	7.499	7.493	0.006	95	1547564	80.0	75.2	
66 2,4-Dinitrophenol	184	7.517	7.517	0.000	94	473546	160.0	159.8	
67 4-Nitrophenol	65	7.587	7.581	0.006	89	471646	160.0	172.8	
68 2,4-Dinitrotoluene	165	7.646	7.646	0.000	97	456565	80.0	93.5	
69 Dibenzofuran	168	7.670	7.664	0.006	96	2182542	80.0	77.2	
70 2,3,4,6-Tetrachlorophenol	232	7.787	7.787	0.000	96	443813	80.0	83.5	
71 Diethyl phthalate	149	7.893	7.893	0.000	99	1509674	80.0	84.0	
73 4-Chlorophenyl phenyl ethe	204	8.005	7.999	0.006	90	880772	80.0	80.0	
74 Fluorene	166	8.005	8.005	0.000	96	1626316	80.0	78.1	
75 4-Nitroaniline	138	8.029	8.017	0.012	87	379876	80.0	86.3	
76 4,6-Dinitro-2-methylphenol	198	8.058	8.052	0.006	93	583119	160.0	160.1	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	66	1134533	80.0	79.6	
78 1,2-Diphenylhydrazine	77	8.158	8.158	0.000	97	1576387	80.0	80.6	
$ 79 2,4,6-Tribromophenol	330	8.240	8.240	0.000	91	372521	80.0	81.1	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	532839	80.0	84.7	
81 Hexachlorobenzene	284	8.558	8.552	0.006	95	625934	80.0	86.2	
83 Pentachlorophenol	266	8.746	8.740	0.006	95	775589	160.0	174.4	
84 Pentachloronitrobenzene	237	8.764	8.758	0.006	93	208893	80.0	90.7	
72 n-Octadecane	57	8.823	8.822	0.001	94	950520	80.0	85.8	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	939099	40.0	40.0	
86 Phenanthrene	178	8.952	8.946	0.006	97	2099267	80.0	82.6	
87 Anthracene	178	8.999	8.999	0.000	98	2166733	80.0	84.7	
88 Carbazole	167	9.152	9.152	0.000	96	1891043	80.0	88.8	
89 Di-n-butyl phthalate	149	9.499	9.493	0.006	99	2367770	80.0	84.9	
90 Fluoranthene	202	10.117	10.117	0.000	98	2285367	80.0	93.7	
91 Benzidine	184	10.246	10.246	0.000	99	1585054	80.0	80.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.346	10.346	0.000	97	2386508	80.0	72.3	
93 Bisphenol-A	213	10.387	10.387	0.000	99	1271148	80.0	90.5	
$ 94 Terphenyl-d14	244	10.505	10.499	0.006	99	1993122	80.0	73.2	
95 Butyl benzyl phthalate	149	11.040	11.034	0.006	96	1227637	80.0	89.7	
97 Carbamazepine	193	11.170	11.164	0.006	91	1438907	80.0	84.5	
98 3,3'-Dichlorobenzidine	252	11.670	11.669	0.001	99	1277492	80.0	93.0	
99 Benzo[a]anthracene	228	11.699	11.699	0.000	99	2804620	80.0	84.9	
* 100 Chrysene-d12	240	11.717	11.711	0.006	99	1193169	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.740	11.740	0.000	87	1957838	80.0	85.1	
101 Chrysene	228	11.752	11.746	0.006	98	2791148	80.0	84.6	
103 Di-n-octyl phthalate	149	12.605	12.605	0.000	97	3654935	80.0	80.5	
104 Benzo[b]fluoranthene	252	13.134	13.122	0.012	99	3720295	80.0	93.9	
105 Benzo[k]fluoranthene	252	13.169	13.163	0.006	99	4106736	80.0	89.2	
106 Benzo[a]pyrene	252	13.581	13.575	0.006	97	3935746	80.0	93.7	
* 107 Perylene-d12	264	13.652	13.652	0.000	99	1745858	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.128	15.116	0.012	98	5304436	80.0	87.8	
109 Dibenz(a,h)anthracene	278	15.158	15.146	0.012	98	4991909	80.0	91.0	
110 Benzo[g,h,i]perylene	276	15.499	15.481	0.018	98	5215487	80.0	83.8	
S 117 Total Cresols	1				0			157.4	

Reagents:

SV_IC_BNA_L7_00006 Amount Added: 1.00 Units: mL

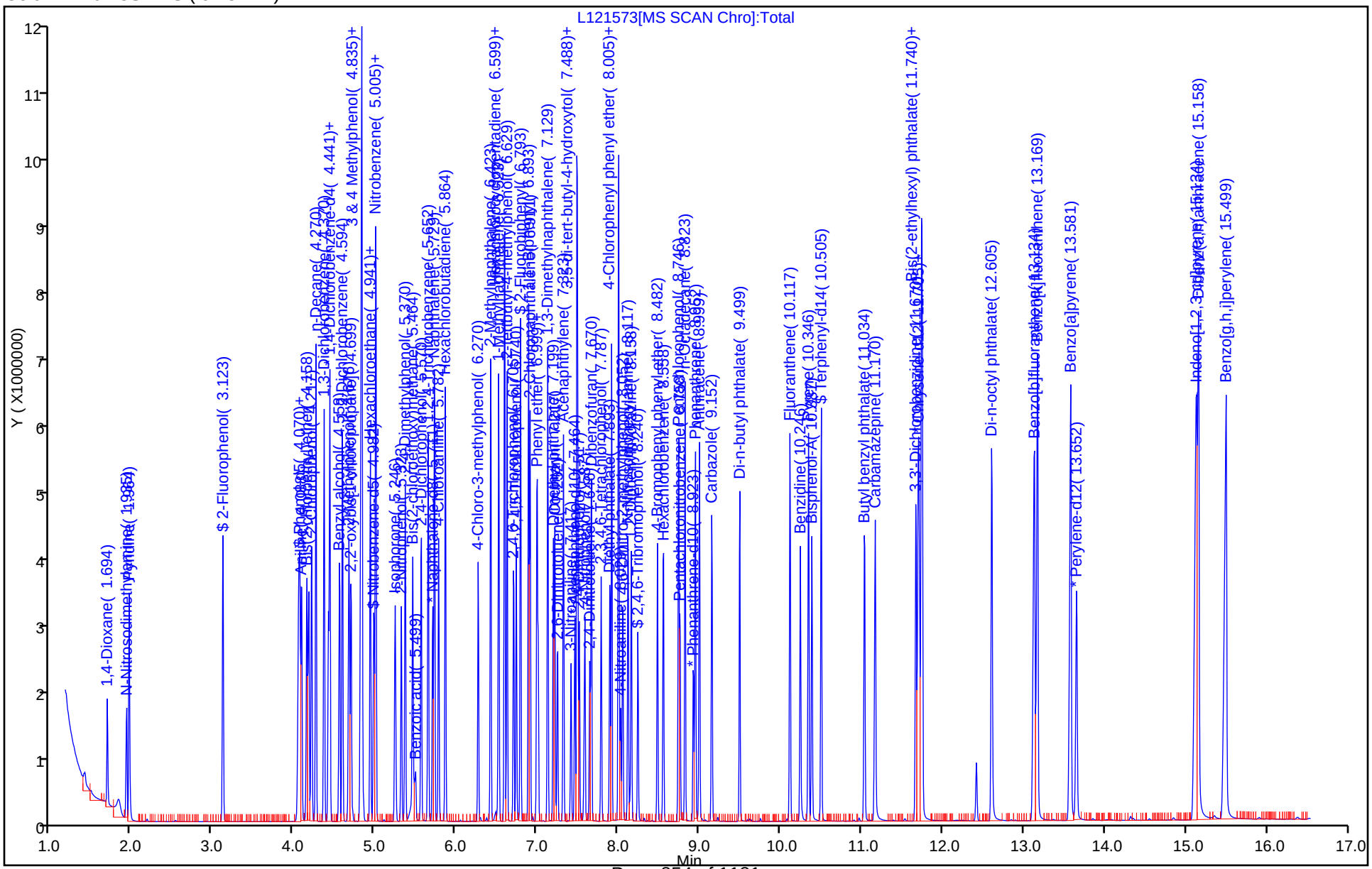
Report Date: 19-May-2015 13:07:24 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121573.D

Injection Date:	19-May-2015 05:42:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121574.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-May-2015 06:07:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-005
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:25 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:21:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.694	1.694	0.000	93	148421	20.0	20.1	
2 N-Nitrosodimethylamine	74	1.923	1.929	-0.006	86	199775	20.0	19.8	
3 Pyridine	79	1.958	1.964	-0.006	94	355981	20.0	20.0	
$ 4 2-Fluorophenol	112	3.111	3.117	-0.006	96	384762	20.0	20.2	
$ 6 Phenol-d5	99	4.041	4.046	-0.005	92	429325	20.0	20.5	
7 Phenol	94	4.052	4.064	-0.012	99	437409	20.0	20.2	
8 Aniline	93	4.082	4.088	-0.006	99	515294	20.0	20.1	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	341728	20.0	20.0	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	393696	20.0	20.3	
11 n-Decane	43	4.264	4.270	-0.006	89	368741	20.0	19.3	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	96	460130	20.0	19.9	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	589056	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	464179	20.0	19.9	
15 Benzyl alcohol	108	4.552	4.558	-0.006	94	227226	20.0	20.9	
16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	97	435409	20.0	20.0	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	319140	20.0	20.7	
18 2,2'-oxybis[1-chloropropan	45	4.694	4.699	-0.005	94	451684	20.0	20.4	
20 3 & 4 Methylphenol	108	4.823	4.829	-0.006	88	354344	20.0	21.0	
21 N-Nitrosodi-n-propylamine	70	4.823	4.829	-0.006	89	225640	20.0	20.7	
19 4-Methylphenol	108	4.823	4.829	-0.006	84	354344	20.0	21.0	
22 Acetophenone	105	4.823	4.829	-0.006	94	458157	20.0	21.0	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	175264	20.0	20.0	
$ 26 Nitrobenzene-d5	82	4.976	4.982	-0.006	86	363652	20.0	20.1	
27 Nitrobenzene	77	4.994	4.999	-0.005	98	482633	20.0	20.0	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	93	543763	20.0	20.4	
29 Isophorone	82	5.235	5.240	-0.005	99	531185	20.0	20.2	
30 2-Nitrophenol	139	5.317	5.323	-0.006	95	193308	20.0	20.2	
31 2,4-Dimethylphenol	122	5.364	5.370	-0.006	92	295729	20.0	20.1	
32 Bis(2-chloroethoxy)methane	93	5.458	5.458	0.000	99	373964	20.0	20.2	
33 Benzoic acid	122	5.446	5.482	-0.036	90	126114	20.0	18.8	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	298754	20.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	356374	20.0	20.2	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2050306	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	1056005	20.0	20.2	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	406071	20.0	20.1	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	218093	20.0	19.9	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	94	224195	20.0	19.9	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	650988	20.0	20.1	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	603158	20.0	20.2	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	97	182317	20.0	19.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	98	326728	20.0	20.7	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	420196	20.0	19.8	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	191797	20.0	21.6	
49 2,4,5-Trichlorophenol	196	6.735	6.740	-0.005	98	191838	20.0	20.5	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	767008	20.0	21.5	
51 1,1'-Biphenyl	154	6.888	6.893	-0.005	95	749559	20.0	20.9	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	99	600730	20.0	20.8	
53 Phenyl ether	170	6.993	6.993	0.000	87	410249	20.0	20.7	
54 2-Nitroaniline	65	7.005	7.005	0.000	94	156835	20.0	20.1	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	94	472702	20.0	20.9	
58 Dimethyl phthalate	163	7.188	7.193	-0.005	99	496531	20.0	19.8	
59 Coumarin	146	7.205	7.211	-0.006	78	161036	20.0	18.4	
60 2,6-Dinitrotoluene	165	7.246	7.246	0.000	95	116651	20.0	21.5	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	821642	20.0	20.8	
62 3-Nitroaniline	138	7.411	7.411	0.000	97	117076	20.0	19.3	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	97	847388	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	97	507100	20.0	20.0	
65 Acenaphthene	154	7.493	7.493	0.000	95	554991	20.0	21.2	
66 2,4-Dinitrophenol	184	7.511	7.517	-0.006	49	113701	40.0	38.8	
67 4-Nitrophenol	65	7.576	7.581	-0.005	89	126785	40.0	36.6	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	128472	20.0	20.7	
69 Dibenzofuran	168	7.664	7.664	0.000	96	732008	20.0	20.4	
70 2,3,4,6-Tetrachlorophenol	232	7.788	7.787	0.001	97	134886	20.0	20.0	
71 Diethyl phthalate	149	7.888	7.893	-0.005	98	431417	20.0	18.9	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	281628	20.0	20.1	
74 Fluorene	166	7.999	8.005	-0.006	94	534217	20.0	20.2	
75 4-Nitroaniline	138	8.011	8.017	-0.006	87	102352	20.0	18.3	
76 4,6-Dinitro-2-methylphenol	198	8.046	8.052	-0.006	92	139994	40.0	40.7	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	67	347469	20.0	20.0	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	505935	20.0	21.2	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	93	108413	20.0	18.9	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	158890	20.0	20.6	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	182012	20.0	20.5	
83 Pentachlorophenol	266	8.740	8.740	0.000	96	197489	40.0	38.1	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	91	53787	20.0	19.1	
72 n-Octadecane	57	8.823	8.822	0.001	94	286670	20.0	21.2	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1148038	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	615052	20.0	19.8	
87 Anthracene	178	8.993	8.999	-0.006	99	621956	20.0	19.9	
88 Carbazole	167	9.152	9.152	0.000	96	490180	20.0	18.8	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	537437	20.0	17.6	
90 Fluoranthene	202	10.117	10.117	0.000	98	537144	20.0	18.0	
91 Benzidine	184	10.240	10.246	-0.006	99	298819	20.0	17.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	563336	20.0	19.8	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	226524	20.0	18.7	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	454234	20.0	19.4	
95 Butyl benzyl phthalate	149	11.028	11.034	-0.006	96	235061	20.0	20.0	
97 Carbamazepine	193	11.158	11.164	-0.006	92	296343	20.0	20.2	
98 3,3'-Dichlorobenzidine	252	11.664	11.669	-0.005	98	244284	20.0	20.7	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	563553	20.0	19.8	
* 100 Chrysene-d12	240	11.711	11.711	0.000	99	1026461	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	86	396653	20.0	20.1	
101 Chrysene	228	11.740	11.746	-0.006	98	564617	20.0	19.9	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	734499	20.0	20.5	
104 Benzo[b]fluoranthene	252	13.117	13.122	-0.005	99	692514	20.0	22.2	
105 Benzo[k]fluoranthene	252	13.152	13.163	-0.011	99	762990	20.0	21.0	
106 Benzo[a]pyrene	252	13.564	13.575	-0.011	97	702177	20.0	21.2	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1376427	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.099	15.116	-0.017	99	898773	20.0	19.1	
109 Dibenz(a,h)anthracene	278	15.128	15.146	-0.018	97	916260	20.0	21.2	
110 Benzo[g,h,i]perylene	276	15.463	15.481	-0.018	98	971035	20.0	19.8	
S 117 Total Cresols	1				0			41.7	

Reagents:

SV_IC_BNA_L5_00006 Amount Added: 1.00 Units: mL

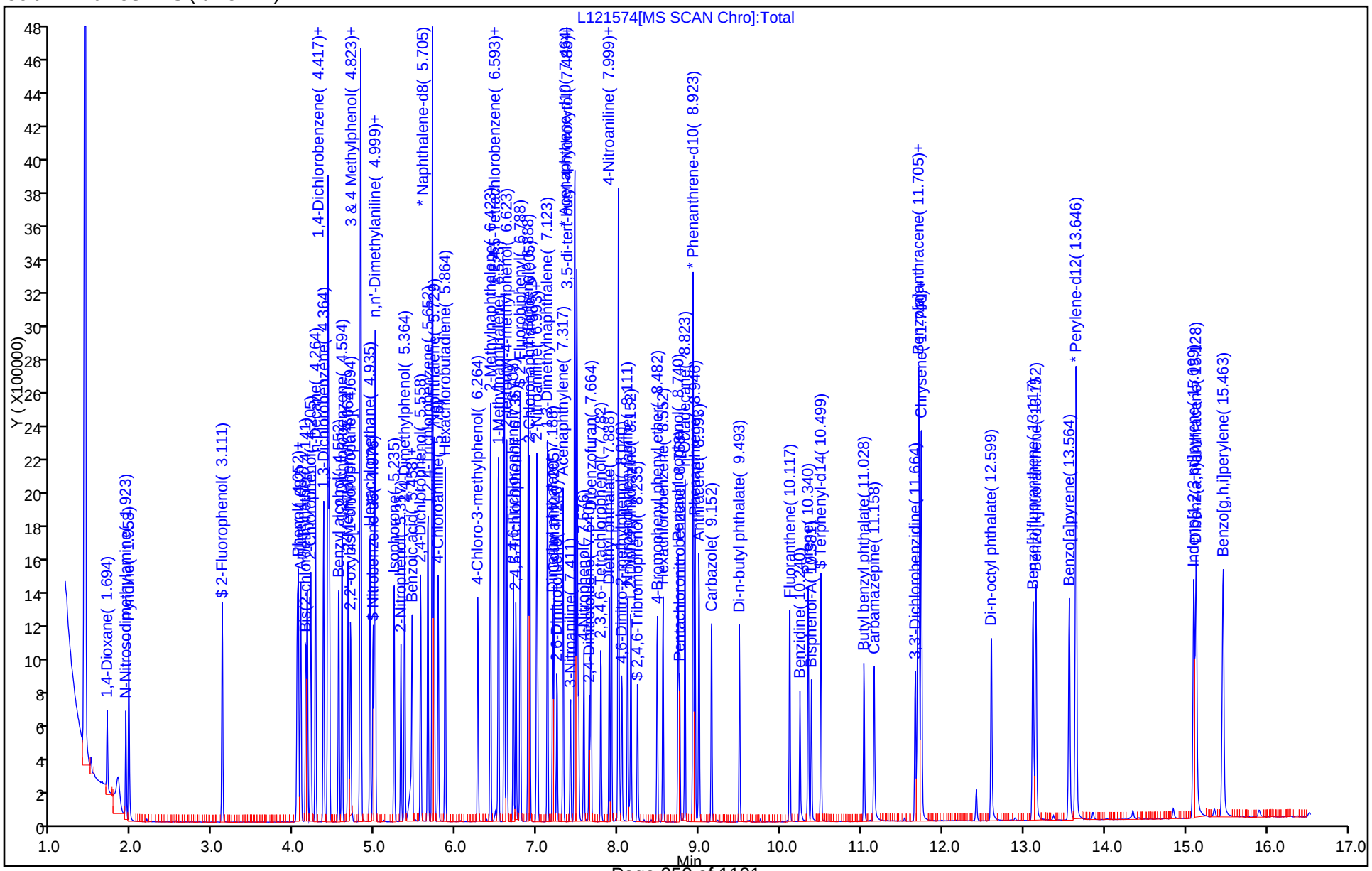
Report Date: 19-May-2015 13:07:27 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121574.D

Injection Date:	19-May-2015 06:07:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 19-May-2015 13:07:30 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-May-2015 06:32:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-006
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:22:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.688	1.694	-0.006	92	48632	10.0	9.61	
2 N-Nitrosodimethylamine	74	1.917	1.929	-0.012	86	68168	10.0	9.86	
3 Pyridine	79	1.958	1.964	-0.006	94	124362	10.0	10.2	
$ 4 2-Fluorophenol	112	3.111	3.117	-0.006	96	133985	10.0	10.3	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	91	149097	10.0	10.4	
7 Phenol	94	4.046	4.064	-0.018	99	148334	10.0	9.98	
8 Aniline	93	4.076	4.088	-0.012	98	177032	10.0	10.1	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	116823	10.0	9.96	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	132902	10.0	9.99	
11 n-Decane	43	4.264	4.270	-0.006	90	128097	10.0	9.76	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	97	158517	10.0	10.0	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	95	403528	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	160788	10.0	10.1	
15 Benzyl alcohol	108	4.546	4.558	-0.012	94	75983	10.0	10.2	
16 1,2-Dichlorobenzene	146	4.588	4.593	-0.005	97	150308	10.0	10.1	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	107300	10.0	10.2	
18 2,2'-oxybis[1-chloropropan	45	4.693	4.699	-0.006	93	154104	10.0	10.1	
20 3 & 4 Methylphenol	108	4.817	4.829	-0.012	75	121723	10.0	10.5	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	91	76459	10.0	10.3	
19 4-Methylphenol	108	4.817	4.829	-0.012	72	121723	10.0	10.5	
22 Acetophenone	105	4.817	4.829	-0.012	95	158254	10.0	10.6	
25 Hexachloroethane	117	4.935	4.940	-0.005	94	59411	10.0	9.87	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	87	124236	10.0	10.2	
27 Nitrobenzene	77	4.993	4.999	-0.006	96	167048	10.0	10.2	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	94	188410	10.0	10.3	
29 Isophorone	82	5.229	5.240	-0.011	99	182367	10.0	10.2	
30 2-Nitrophenol	139	5.317	5.323	-0.006	94	60494	10.0	9.35	
31 2,4-Dimethylphenol	122	5.358	5.370	-0.012	92	100022	10.0	10.0	
32 Bis(2-chloroethoxy)methane	93	5.452	5.458	-0.006	100	125464	10.0	10.0	
33 Benzoic acid	122	5.417	5.482	-0.065	90	33479	10.0	9.43	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	101281	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	119411	10.0	10.0	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	1388203	40.0	40.0	
37 Naphthalene	128	5.723	5.729	-0.006	100	362455	10.0	10.2	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	139640	10.0	10.2	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	96	71517	10.0	9.61	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	94	77022	10.0	10.1	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	86	226365	10.0	10.3	
43 1-Methylnaphthalene	142	6.517	6.523	-0.006	93	208929	10.0	10.3	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	73	55925	10.0	8.27	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	97	111896	10.0	9.89	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	145505	10.0	10.1	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	66167	10.0	10.4	
49 2,4,5-Trichlorophenol	196	6.734	6.740	-0.006	98	66409	10.0	9.93	
$ 50 2-Fluorobiphenyl	172	6.787	6.793	-0.006	98	269797	10.0	10.6	
51 1,1'-Biphenyl	154	6.887	6.893	-0.006	95	263095	10.0	10.3	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	99	211164	10.0	10.2	
53 Phenyl ether	170	6.993	6.993	0.000	87	146343	10.0	10.3	
54 2-Nitroaniline	65	6.999	7.005	-0.006	96	58147	10.0	10.4	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	93	170295	10.0	10.5	
58 Dimethyl phthalate	163	7.187	7.193	-0.006	99	187720	10.0	10.5	
59 Coumarin	146	7.205	7.211	-0.006	78	65938	10.0	11.1	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	96	42567	10.0	11.0	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	297677	10.0	10.5	
62 3-Nitroaniline	138	7.405	7.411	-0.006	96	44478	10.0	10.3	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	96	606656	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	96	179497	10.0	9.91	
65 Acenaphthene	154	7.493	7.493	0.000	95	202440	10.0	10.8	
66 2,4-Dinitrophenol	184	7.511	7.517	-0.006	38	36563	20.0	20.0	
67 4-Nitrophenol	65	7.570	7.581	-0.011	91	53654	20.0	21.6	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	49195	10.0	11.1	
69 Dibenzofuran	168	7.658	7.664	-0.006	97	273503	10.0	10.6	
70 2,3,4,6-Tetrachlorophenol	232	7.781	7.787	-0.006	96	48829	10.0	10.1	
71 Diethyl phthalate	149	7.887	7.893	-0.006	99	171142	10.0	10.5	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	103765	10.0	10.4	
74 Fluorene	166	7.999	8.005	-0.006	94	201335	10.0	10.6	
75 4-Nitroaniline	138	8.005	8.017	-0.012	86	41714	10.0	10.4	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	88	50417	20.0	19.7	
77 N-Nitrosodiphenylamine	169	8.111	8.117	-0.006	66	139727	10.0	9.65	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	195164	10.0	9.81	
$ 79 2,4,6-Tribromophenol	330	8.234	8.240	-0.006	92	42715	10.0	10.6	
80 4-Bromophenyl phenyl ether	248	8.481	8.481	0.000	95	59925	10.0	9.36	
81 Hexachlorobenzene	284	8.552	8.552	0.000	94	72645	10.0	9.84	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	75003	20.0	18.7	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	90	22564	10.0	9.63	
72 n-Octadecane	57	8.823	8.822	0.001	95	100041	10.0	8.89	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	954898	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	258136	10.0	10.0	
87 Anthracene	178	8.993	8.999	-0.006	99	254277	10.0	9.78	
88 Carbazole	167	9.146	9.152	-0.006	96	210564	10.0	9.73	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	219894	10.0	9.80	
90 Fluoranthene	202	10.117	10.117	0.000	98	228997	10.0	9.24	
91 Benzidine	184	10.240	10.246	-0.006	99	104170	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	241324	10.0	11.3	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	80032	10.0	8.81	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	191313	10.0	10.9	
95 Butyl benzyl phthalate	149	11.028	11.034	-0.006	96	80614	10.0	9.11	
97 Carbamazepine	193	11.152	11.164	-0.012	92	104706	10.0	9.51	
98 3,3'-Dichlorobenzidine	252	11.664	11.669	-0.005	98	76940	10.0	8.67	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	99	208062	10.0	9.74	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	771282	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	74	135447	10.0	9.11	
101 Chrysene	228	11.734	11.746	-0.012	99	212606	10.0	9.97	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	245581	10.0	10.1	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	214529	10.0	10.1	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	256489	10.0	10.4	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	225273	10.0	10.0	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	934389	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	304823	10.0	9.64	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	96	306126	10.0	10.4	
110 Benzo[g,h,i]perylene	276	15.452	15.481	-0.029	98	321971	10.0	9.67	
S 117 Total Cresols	1				0			20.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L4_00006 Amount Added: 1.00 Units: mL

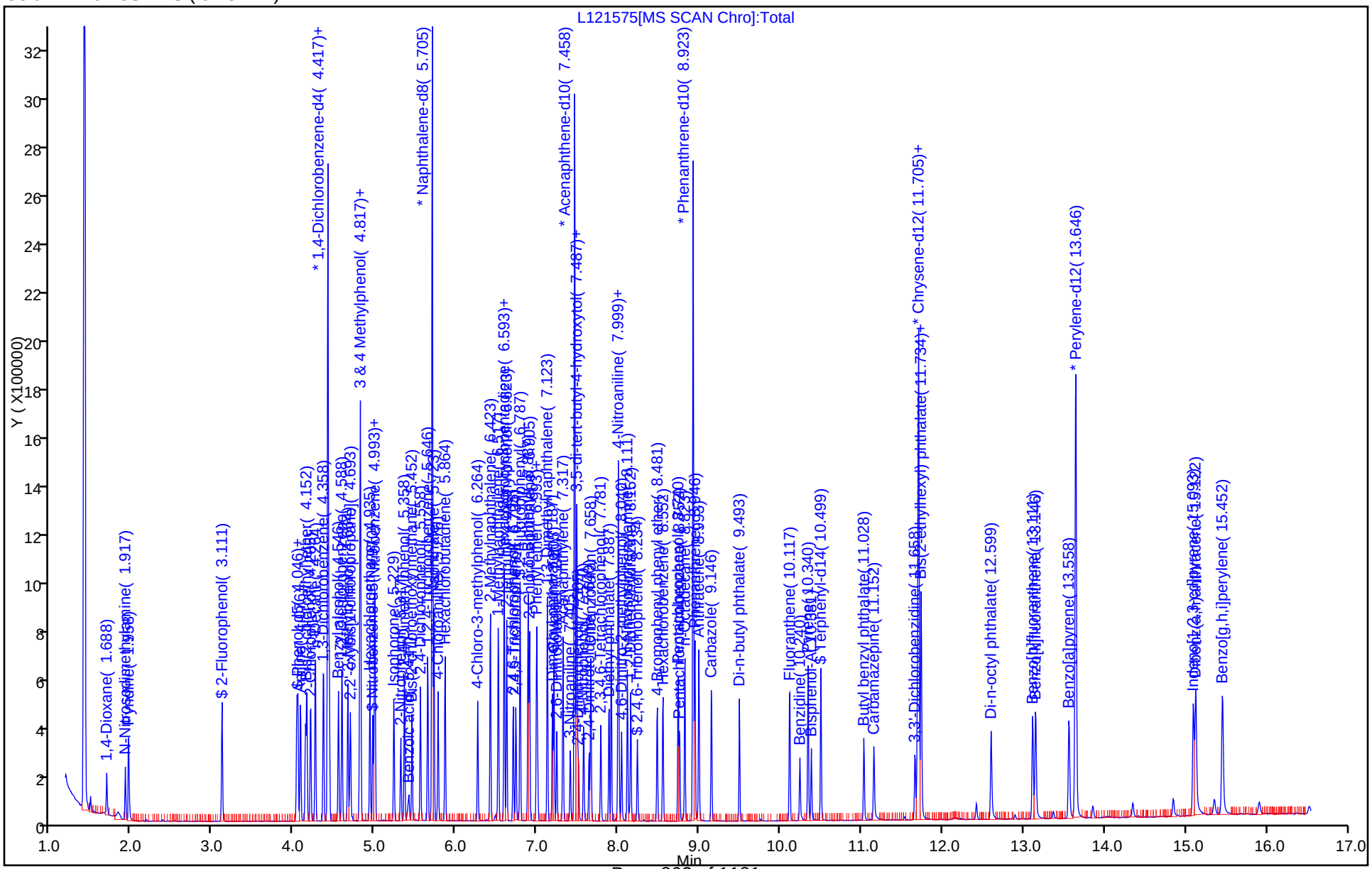
Report Date: 19-May-2015 13:07:30 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D

Injection Date:	19-May-2015 06:32:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

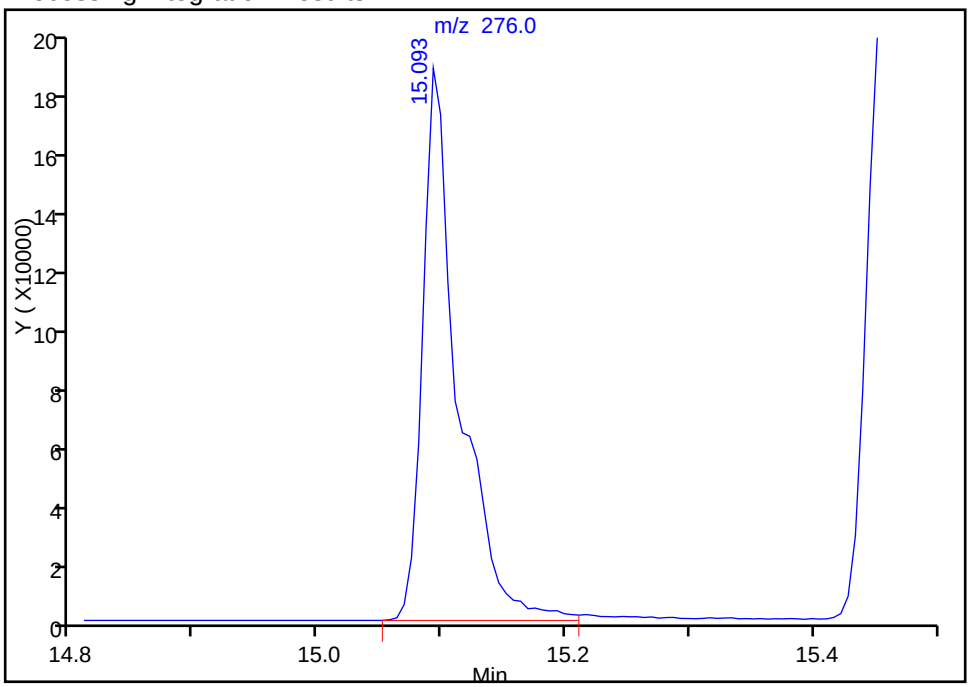
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D
Injection Date: 19-May-2015 06:32:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: BNA 12 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

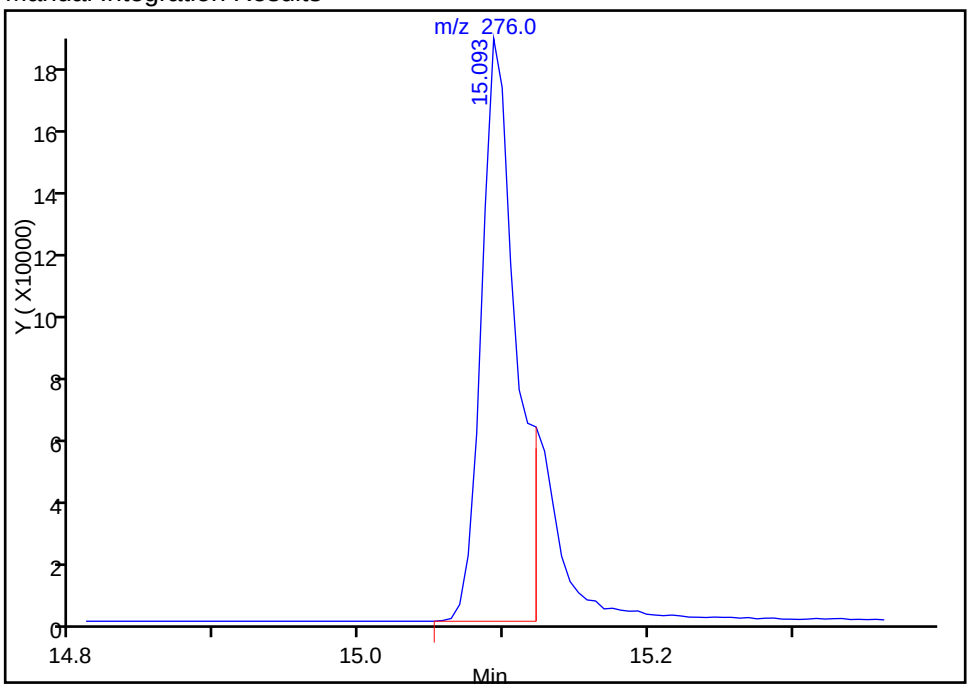
Processing Integration Results

RT: 15.09
Area: 363596
Amount: 10.827870
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 304823
Amount: 9.637315
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:22:21
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-May-2015 06:57:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-007
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:33 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:24:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.700	1.694	0.006	92	45383	5.00	4.91	
2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	87	62266	5.00	4.93	
3 Pyridine	79	1.970	1.964	0.006	94	109186	5.00	4.89	
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	114133	5.00	4.80	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	86	131801	5.00	5.02	
7 Phenol	94	4.047	4.064	-0.017	99	136238	5.00	5.02	
8 Aniline	93	4.082	4.088	-0.006	98	160244	5.00	4.99	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	106864	5.00	4.99	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	122217	5.00	5.03	
11 n-Decane	43	4.264	4.270	-0.006	90	116280	5.00	4.85	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	97	144660	5.00	4.99	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	737171	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	147581	5.00	5.07	
15 Benzyl alcohol	108	4.547	4.558	-0.011	93	68817	5.00	5.05	
16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	97	135419	5.00	4.98	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	99749	5.00	5.17	
18 2,2'-oxybis[1-chloropropan	45	4.694	4.699	-0.005	93	142140	5.00	5.12	
20 3 & 4 Methylphenol	108	4.817	4.829	-0.012	76	109817	5.00	5.20	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	91	70060	5.00	5.14	
19 4-Methylphenol	108	4.817	4.829	-0.012	73	109817	5.00	5.20	
22 Acetophenone	105	4.817	4.829	-0.012	95	144928	5.00	5.30	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	54368	5.00	4.95	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	88	108127	5.00	4.78	
27 Nitrobenzene	77	4.994	4.999	-0.005	95	151161	5.00	5.01	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	92	165058	5.00	4.95	
29 Isophorone	82	5.229	5.240	-0.011	99	166759	5.00	5.05	
30 2-Nitrophenol	139	5.317	5.323	-0.006	94	55396	5.00	4.63	
31 2,4-Dimethylphenol	122	5.358	5.370	-0.012	92	91819	5.00	4.98	
32 Bis(2-chloroethoxy)methane	93	5.452	5.458	-0.006	99	114105	5.00	4.91	
33 Benzoic acid	122	5.411	5.482	-0.071	88	18776	5.00	5.21	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	90994	5.00	4.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	109185	5.00	4.94	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2568716	40.0	40.0	
37 Naphthalene	128	5.723	5.729	-0.006	99	334423	5.00	5.10	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	125719	5.00	4.97	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	66448	5.00	4.83	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	95	69815	5.00	4.96	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	86	206283	5.00	5.07	
43 1-Methylnaphthalene	142	6.517	6.523	-0.006	93	188891	5.00	5.04	
44 Hexachlorocyclopentadiene	237	6.588	6.593	-0.005	97	48188	5.00	3.97	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	98	101982	5.00	5.02	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	125613	5.00	4.73	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	93	56383	5.00	4.94	
49 2,4,5-Trichlorophenol	196	6.735	6.740	-0.005	98	56884	5.00	4.74	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	235099	5.00	5.14	
51 1,1'-Biphenyl	154	6.888	6.893	-0.005	94	236924	5.00	5.15	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	98	186936	5.00	5.04	
53 Phenyl ether	170	6.993	6.993	0.000	87	126876	5.00	4.99	
54 2-Nitroaniline	65	6.999	7.005	-0.006	95	48788	5.00	4.88	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	93	147324	5.00	5.07	
58 Dimethyl phthalate	163	7.188	7.193	-0.005	99	156612	5.00	4.87	
59 Coumarin	146	7.205	7.211	-0.006	77	51025	5.00	4.65	
60 2,6-Dinitrotoluene	165	7.241	7.246	-0.006	96	34953	5.00	5.02	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	258266	5.00	5.08	
62 3-Nitroaniline	138	7.405	7.411	-0.006	96	34529	5.00	4.44	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	97	1088321	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	96	149840	5.00	4.61	
65 Acenaphthene	154	7.493	7.493	0.000	95	170432	5.00	5.08	
66 2,4-Dinitrophenol	184	7.505	7.517	-0.012	94	22272	10.0	9.47	
67 4-Nitrophenol	65	7.570	7.581	-0.011	90	34418	10.0	7.73	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	97	37808	5.00	4.74	
69 Dibenzofuran	168	7.658	7.664	-0.006	96	234989	5.00	5.09	
70 2,3,4,6-Tetrachlorophenol	232	7.782	7.787	-0.005	95	38150	5.00	4.40	
71 Diethyl phthalate	149	7.882	7.893	-0.011	98	131029	5.00	4.47	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	88144	5.00	4.91	
74 Fluorene	166	7.999	8.005	-0.006	94	168890	5.00	4.97	
75 4-Nitroaniline	138	8.005	8.017	-0.012	88	28080	5.00	3.91	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	89	31572	10.0	9.53	
77 N-Nitrosodiphenylamine	169	8.111	8.117	-0.006	67	109335	5.00	4.89	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	160399	5.00	5.22	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	91	32458	5.00	4.77	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	48950	5.00	4.95	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	56175	5.00	4.92	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	47800	10.0	9.05	
84 Pentachloronitrobenzene	237	8.752	8.758	-0.006	90	15058	5.00	4.16	
72 n-Octadecane	57	8.817	8.822	-0.005	95	81835	5.00	4.70	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1475517	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	199261	5.00	4.99	
87 Anthracene	178	8.993	8.999	-0.006	99	190405	5.00	4.74	
88 Carbazole	167	9.146	9.152	-0.006	96	141785	5.00	4.24	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	100	131626	5.00	5.17	
90 Fluoranthene	202	10.111	10.117	-0.006	98	145280	5.00	3.79	
91 Benzidine	184	10.240	10.246	-0.006	99	52250	5.00	6.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	147582	5.00	6.09	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	46643	5.00	4.52	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	109309	5.00	5.47	
95 Butyl benzyl phthalate	149	11.029	11.034	-0.006	97	41192	5.00	4.10	
97 Carbamazepine	193	11.152	11.164	-0.012	92	57465	5.00	4.60	
98 3,3'-Dichlorobenzidine	252	11.658	11.669	-0.011	97	40873	5.00	4.06	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	99	115707	5.00	4.77	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	875806	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	77	84075	5.00	4.98	
101 Chrysene	228	11.734	11.746	-0.012	99	115763	5.00	4.78	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	161962	5.00	5.05	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	129210	5.00	4.62	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	153762	5.00	4.73	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	141493	5.00	4.77	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1232107	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	205459	5.00	5.04	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	97	194319	5.00	5.02	
110 Benzo[g,h,i]perylene	276	15.452	15.481	-0.029	98	211490	5.00	4.82	
S 117 Total Cresols	1				0			10.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00008 Amount Added: 1.00 Units: mL

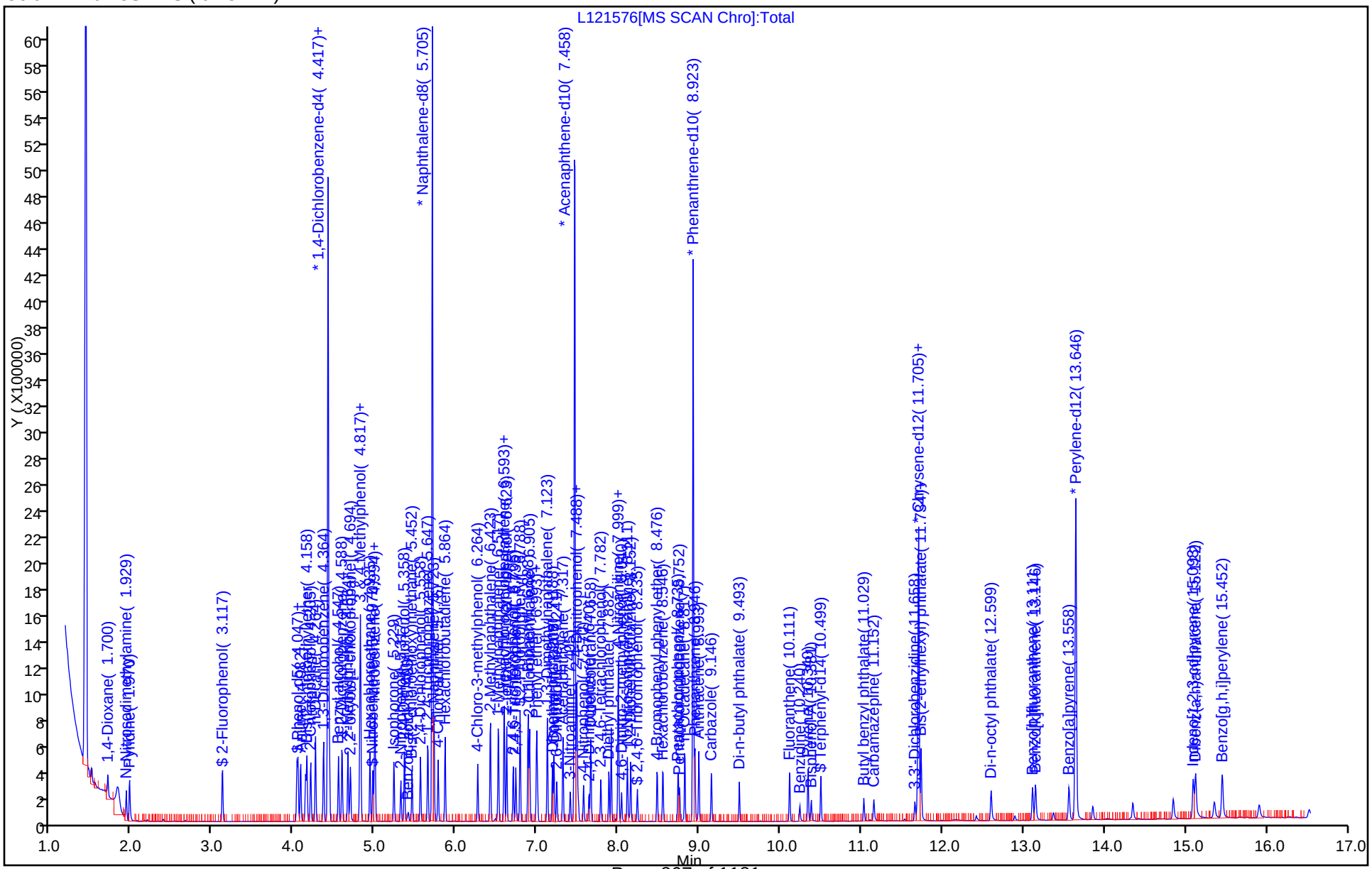
Report Date: 19-May-2015 13:07:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D

Injection Date:	19-May-2015 06:57:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

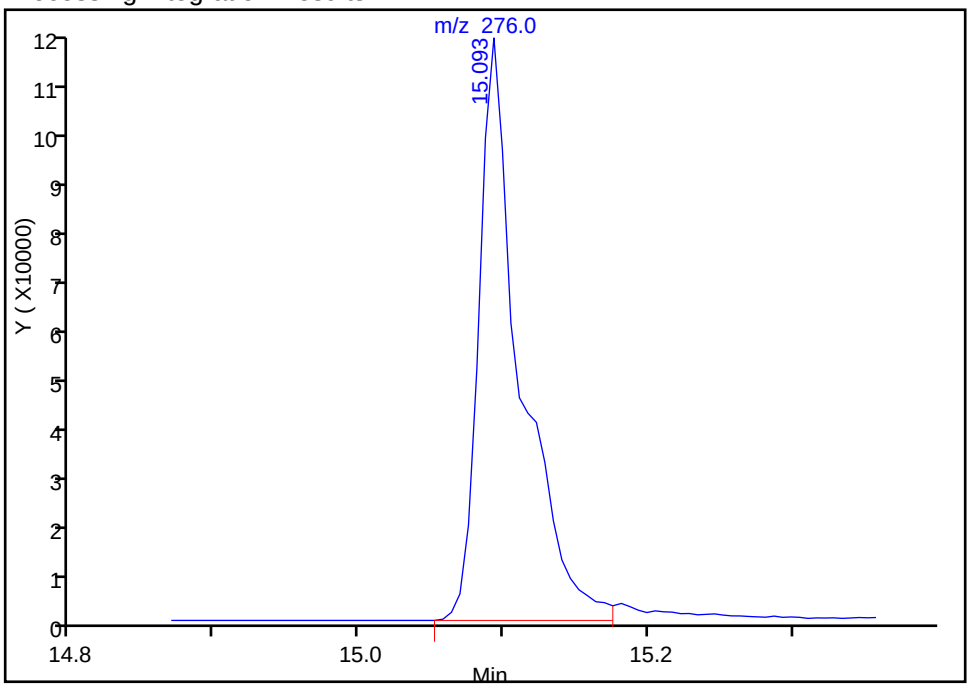
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D				
Injection Date:	19-May-2015 06:57:30	Instrument ID:	CBNAMS12		
Lims ID:	STD5				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

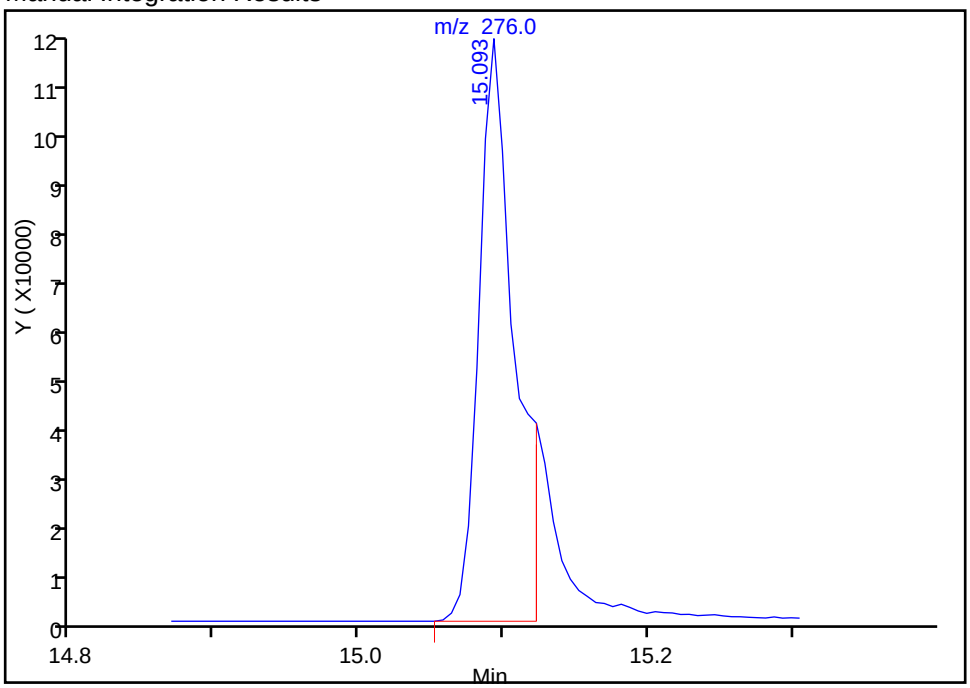
Processing Integration Results

RT: 15.09
Area: 239157
Amount: 5.462508
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 205459
Amount: 5.038684
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:24:07
Audit Action: Split an Integrated Peak
Audit Reason: Baseline

Report Date: 19-May-2015 13:07:38 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121577.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-May-2015 07:21:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-008
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:36 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:06:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	47865	2.00	2.08	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	87	56231	2.00	2.22	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	40521	2.00	1.96	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	712647	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	90	26607	2.00	2.02	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	20035	2.00	1.89	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	85	47606	2.00	2.18	
27 Nitrobenzene	77	4.993	4.999	-0.006	94	57112	2.00	1.96	
29 Isophorone	82	5.229	5.240	-0.011	99	63538	2.00	1.99	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	33434	2.00	1.87	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	40722	2.00	1.91	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2482481	40.0	40.0	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	95	23895	2.00	1.80	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	90	19575	2.00	1.58	
$ 50 2-Fluorobiphenyl	172	6.787	6.793	-0.006	98	101836	2.00	2.06	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	95	11567	2.00	1.53	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	93	1178352	40.0	40.0	
66 2,4-Dinitrophenol	184	7.505	7.517	-0.012	12	5339	4.00	5.15	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	12316	2.00	1.43	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	90	8057	4.00	4.29	
$ 79 2,4,6-Tribromophenol	330	8.234	8.240	-0.006	91	11830	2.00	1.92	
81 Hexachlorobenzene	284	8.552	8.552	0.000	93	21224	2.00	1.94	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	12962	4.00	4.21	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1417125	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	41999	2.00	2.30	
98 3,3'-Dichlorobenzidine	252	11.658	11.669	-0.011	98	14469	2.00	1.57	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	40986	2.00	1.85	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	799174	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	98	42640	2.00	1.68	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	52701	2.00	1.78	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	46944	2.00	1.74	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1121803	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	97	59749	2.00	1.77	
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	64803	2.00	1.84	

Reagents:

SV_IC_BNA_L0_00004 Amount Added: 1.00 Units: mL

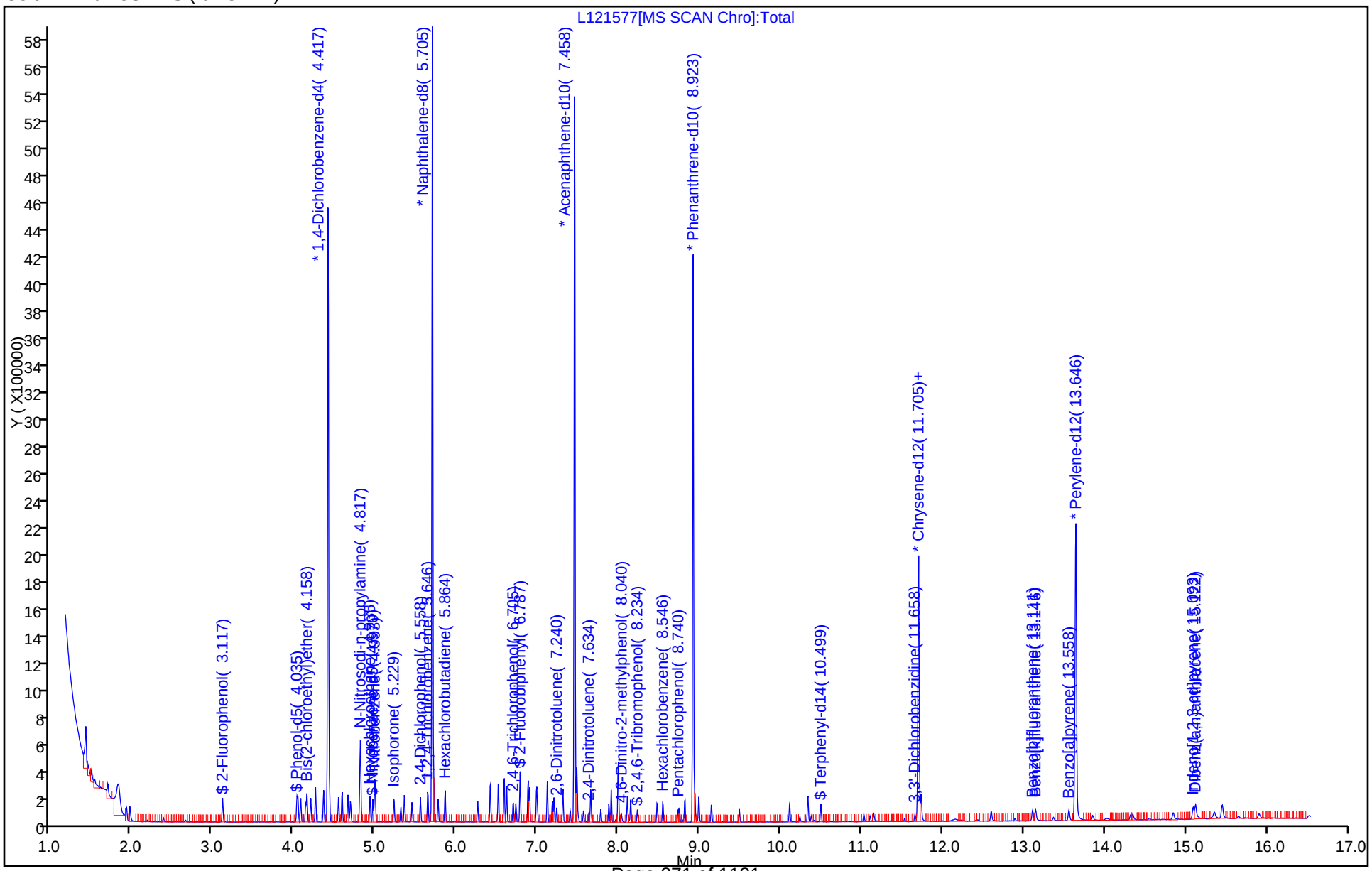
Report Date: 19-May-2015 13:07:38 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121577.D

Injection Date:	19-May-2015 07:21:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 19-May-2015 13:07:41 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-May-2015 07:46:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-009
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:40 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:07:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	17341	1.00	0.9014	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	86	19722	1.00	0.9296	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	97	17054	1.00	0.9849	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	595964	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	89	11050	1.00	1.00	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	9115	1.00	1.03	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	85	17046	1.00	0.9356	
27 Nitrobenzene	77	4.994	4.999	-0.005	94	24698	1.00	1.02	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	92	16783	1.00	0.9424	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2069536	40.0	40.0	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	96	10764	1.00	0.9706	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	36225	1.00	0.8653	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	93	4907	1.00	0.7696	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	93	996594	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	94	5202	1.00	0.7128	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	88	3847	1.00	1.03	
81 Hexachlorobenzene	284	8.546	8.552	-0.006	94	9751	1.00	0.9545	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1321439	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	98	20259	1.00	0.9762	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	26219	1.00	1.04	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	909025	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	98	24089	1.00	0.8825	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	29759	1.00	0.9373	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	98	25302	1.00	0.8743	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1203381	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	27761	1.00	0.8953	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	32970	1.00	0.8724	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L2_00006 Amount Added: 1.00 Units: mL

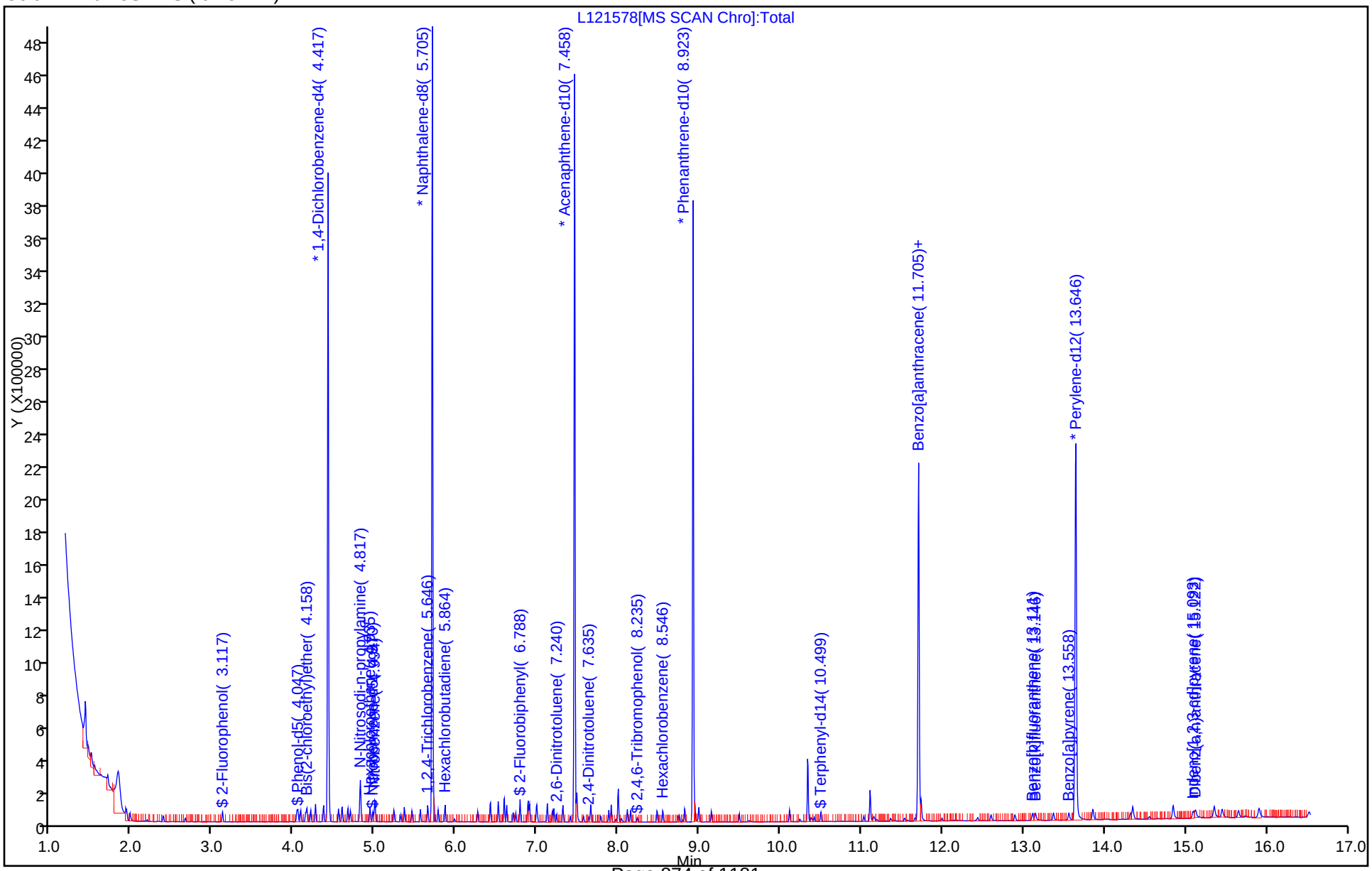
Report Date: 19-May-2015 13:07:41 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D

Injection Date:	19-May-2015 07:46:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

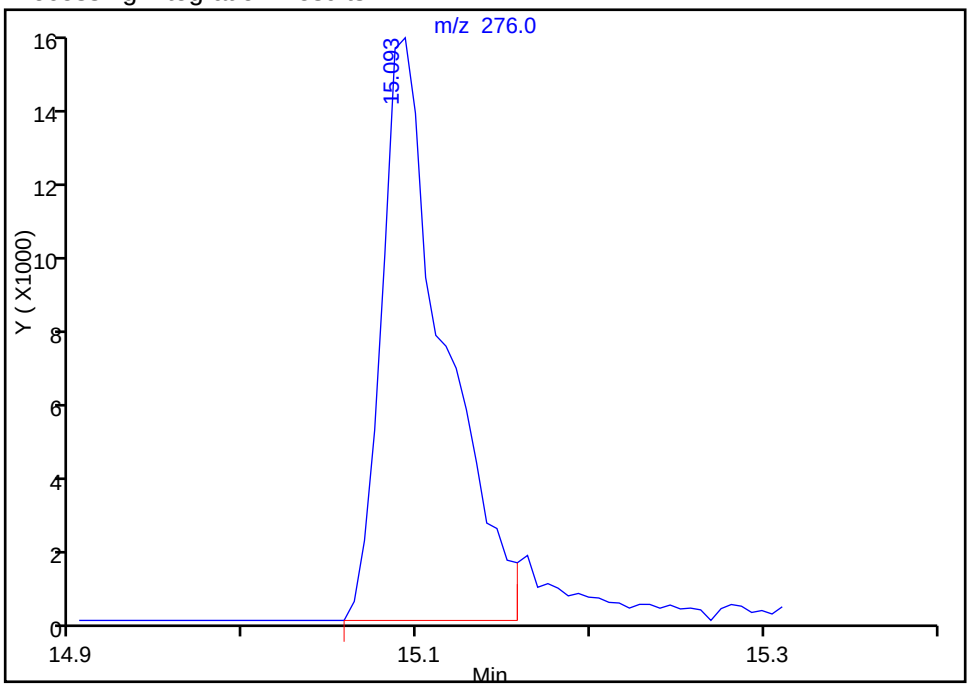
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D
Injection Date: 19-May-2015 07:46:30 Instrument ID: CBNAMS12
Lims ID: STD1
Client ID:
Operator ID: BNA 12 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

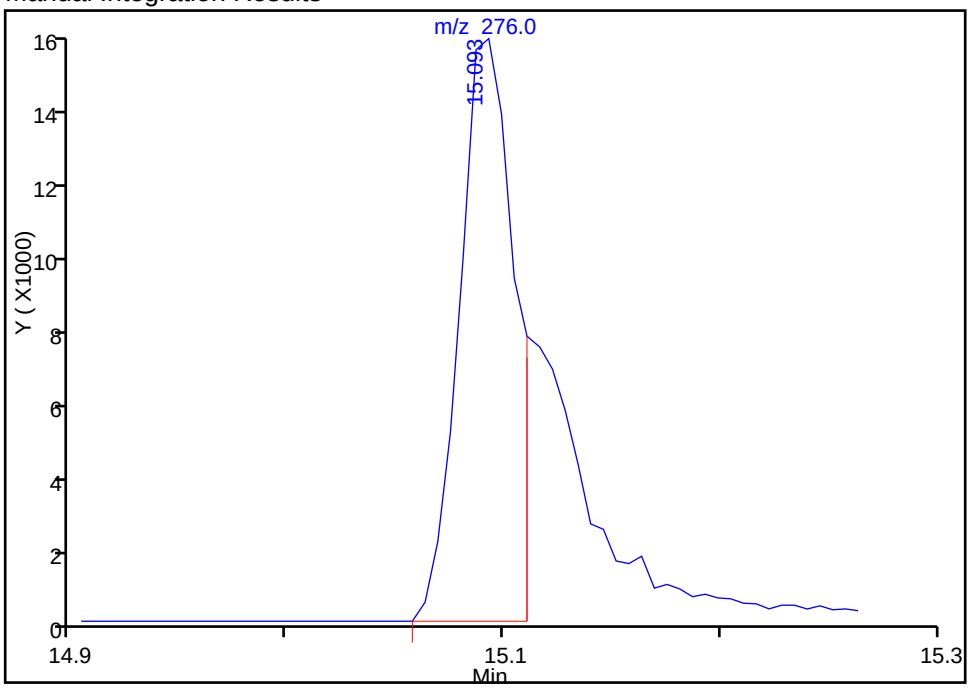
Processing Integration Results

RT: 15.09
Area: 39101
Amount: 1.006713
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 27761
Amount: 0.895319
Amount Units: ug/ml



Reviewer: szczecha, 19-May-2015 12:11:26
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-May-2015 08:11:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-010
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:44 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:08:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	98	9849	0.5000	0.5390	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	628955	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	87	6123	0.5000	0.5268	
25 Hexachloroethane	117	4.935	4.940	-0.005	91	4527	0.5000	0.4827	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	87	9168	0.5000	0.4633	
27 Nitrobenzene	77	4.994	4.999	-0.005	96	12414	0.5000	0.4700	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	9535	0.5000	0.4929	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2247940	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	97	20926	0.5000	0.4886	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	97	1019546	40.0	40.0	
81 Hexachlorobenzene	284	8.552	8.552	0.000	93	5477	0.5000	0.4918	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1440630	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	98	9629	0.5000	0.5090	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	11736	0.5000	0.5114	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	828577	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	10632	0.5000	0.4020	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	98	13973	0.5000	0.4542	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	96	11766	0.5000	0.4196	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1165993	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.087	15.116	-0.029	98	12582	0.5000	0.5413	
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	14089	0.5000	0.3848	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_IC_BNA_L1_00006 Amount Added: 1.00 Units: mL

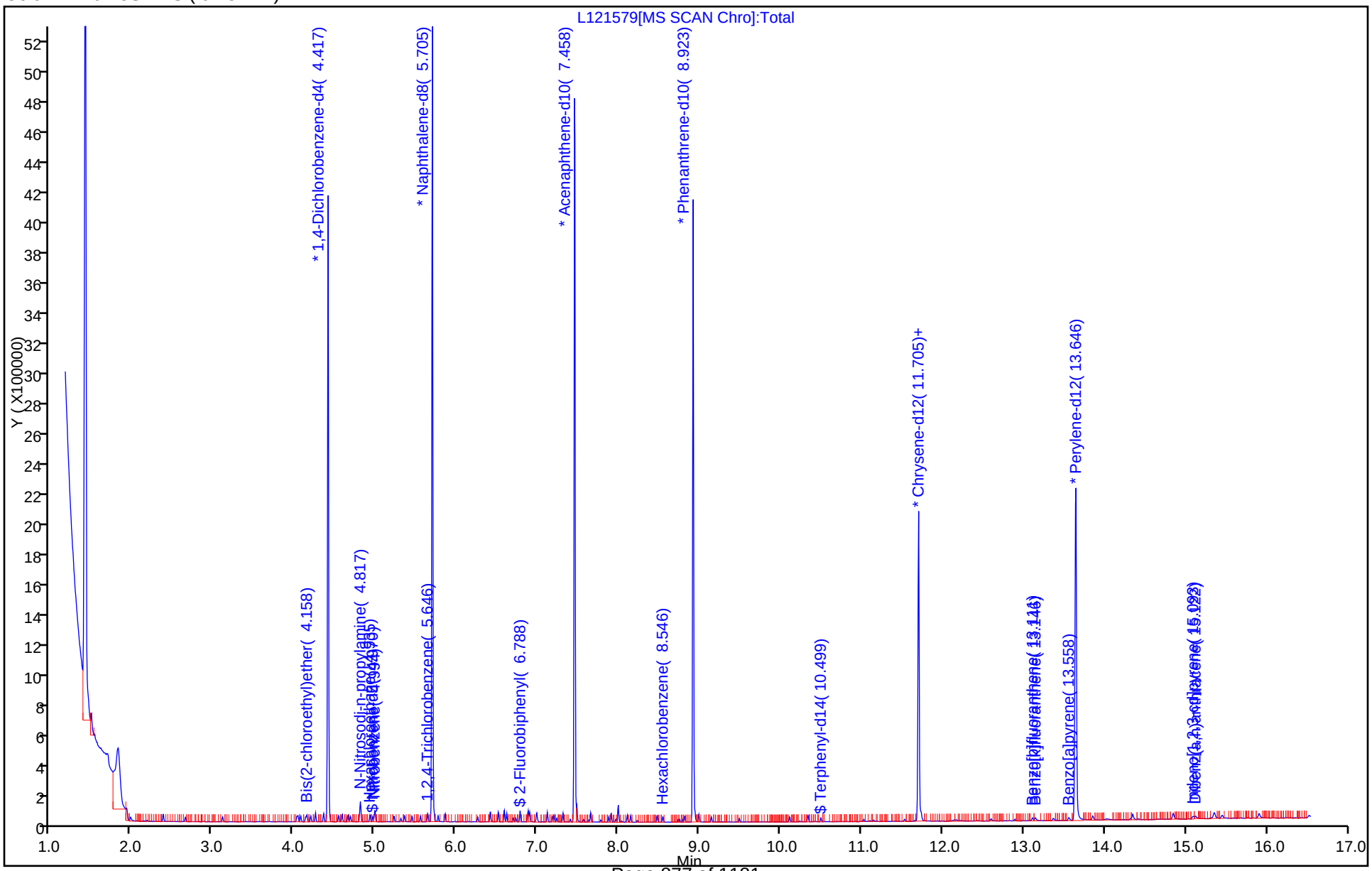
Report Date: 19-May-2015 13:07:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D

Injection Date:	19-May-2015 08:11:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

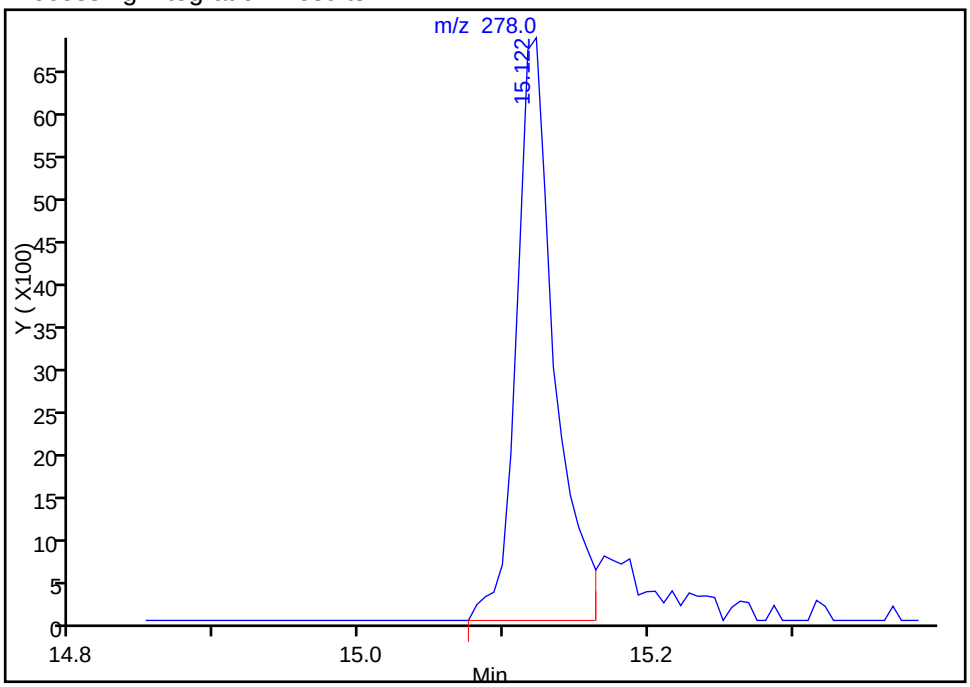
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D
Injection Date: 19-May-2015 08:11:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: BNA 12 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

109 Dibenz(a,h)anthracene, CAS: 53-70-3

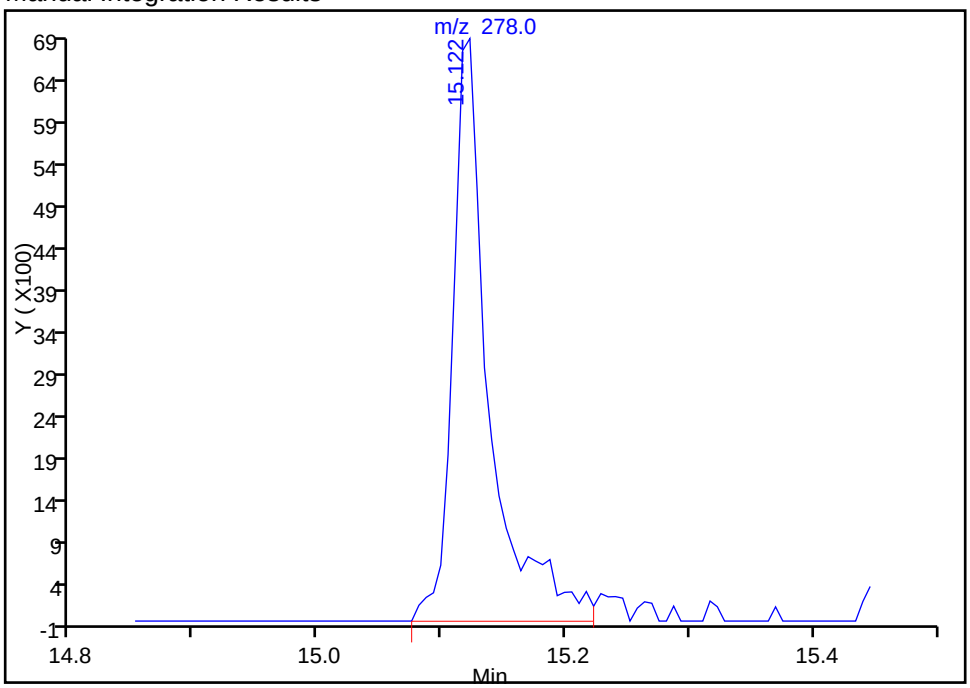
Processing Integration Results

RT: 15.12
Area: 12465
Amount: 0.343802
Amount Units: ug/ml



Manual Integration Results

RT: 15.12
Area: 14089
Amount: 0.384764
Amount Units: ug/ml



Reviewer: szczecha, 19-May-2015 12:08:53
Audit Action: Manually Integrated
Audit Reason: Baseline

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-297054/9	C15824.D
Level 2	STD02 460-297054/8	C15823.D
Level 3	STD1 460-297054/7	C15822.D
Level 4	STD2 460-297054/6	C15821.D
Level 5	STD4 460-297054/5	C15820.D
Level 6	ICIS 460-297054/2	C15817.D
Level 7	STD16 460-297054/4	C15819.D
Level 8	STD24 460-297054/3	C15818.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 5		B	M1	M2								
1,4-Dioxane	0.5985	0.6083	0.6239 0.5826	0.6169	0.5965	Ave		0.6045				2.5		20.0			
N-Nitrosodimethylamine	0.9110	0.9419	0.9371 0.9045	0.9220	0.9127	Ave		0.9215				1.6		20.0			
Pyridine	1.5309	1.5952	1.5197 1.5481	1.5304	1.5256	Ave		1.5416				1.8		20.0			
Phenol	1.7395	1.8084	1.8183 1.7432	1.7755	1.7700	Ave		1.7758			0.8000	1.8		20.0			
Aniline	2.4085	2.3254	2.3307 2.2232	2.2540	2.2773	Ave		2.3032				2.9		20.0			
Bis(2-chloroethyl)ether	1.6782 1.5335	1.7092 1.7527	1.9231 1.7317	1.7717	1.6321	Ave		1.7165			0.7000	6.6		20.0			
n-Decane	2.0435	2.0945	2.2897 1.9704	2.1792	2.0910	Ave		2.1114				5.3		20.0			
2-Chlorophenol	1.4303	1.4939	1.5594 1.4435	1.4908	1.4609	Ave		1.4798			0.8000	3.1		20.0			
1,3-Dichlorobenzene	1.6007	1.6473	1.7478 1.5706	1.6731	1.6132	Ave		1.6421				3.8		20.0			
1,4-Dichlorobenzene	1.5979	1.6651	1.7633 1.5899	1.6981	1.6481	Ave		1.6604				3.9		20.0			
Benzyl alcohol	0.9281	0.9355	0.6470 0.9314	0.7520	0.8018	Ave		0.8326				14.3		20.0			
2-Methylphenol	1.2868	1.3235	1.3744 1.2887	1.3578	1.2980	Ave		1.3215			0.7000	2.8		20.0			
1,2-Dichlorobenzene	1.4888	1.5323	1.6452 1.4485	1.5855	1.5217	Ave		1.5370				4.6		20.0			
2,2'-oxybis[1-chloropropane]	2.6903	2.7339	2.9067 2.6489	2.7957	2.6748	Ave		2.7417			0.0100	3.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

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 5		B	M1	M2								
3 & 4 Methylphenol	1.3376	1.3959	1.3737 1.3689	1.3338	1.3384	Ave		1.3581				1.9		20.0			
4-Methylphenol	1.3374	1.3959	1.3700 1.3629	1.3331	1.3322	Ave		1.3553			0.6000	1.9		20.0			
N-Nitrosodi-n-propylamine	0.8262 0.9816	0.9441 1.0073	1.0226 1.0050	0.9857	0.9556	Ave		0.9660			0.5000	6.5		20.0			
Acetophenone	1.8121	1.8501	1.9439 1.7829	1.8860	1.8450	Ave		1.8534			0.0100	3.1		20.0			
Hexachloroethane	0.6136 0.6518	0.6315 0.6848	0.7153 0.6581	0.6769	0.6551	Ave		0.6609			0.3000	4.8		20.0			
n,n'-Dimethylaniline	2.2213	2.1524	2.1763 2.1442	2.1359	2.2883	Ave		2.1864				2.7		20.0			
Nitrobenzene	0.4990 0.5099	0.5033 0.5453	0.5412 0.5257	0.5359	0.5426	Ave		0.5254			0.2000	3.6		20.0			
Isophorone	0.6249	0.5976 0.6527	0.6642 0.6453	0.6343	0.6323	Ave		0.6359			0.4000	3.4		20.0			
2,4-Dimethylphenol	0.3344	0.3508	0.4432 0.3319	0.3477	0.3356	Ave		0.3573			0.2000	12.0		20.0			
2-Nitrophenol	0.1764	0.2021	0.1907 0.1896	0.1882	0.1903	Ave		0.1895			0.1000	4.3		20.0			
Benzoic acid	0.1689	0.1972	0.1282 0.1984	0.1375	0.1830	Ave		0.1689				17.8		20.0			
Bis(2-chloroethoxy)methane	0.4237	0.4387	0.4588 0.4246	0.4436	0.4329	Ave		0.4370			0.3000	3.0		20.0			
2,4-Dichlorophenol	0.2789	0.2935	0.2684 0.2846	0.2594	0.2742	Ave		0.2765			0.2000	4.4		20.0			
1,2,4-Trichlorobenzene	0.2942 0.2924	0.3145 0.3061	0.3301 0.2945	0.3173	0.3085	Ave		0.3072				4.3		20.0			
Naphthalene	1.0612	1.0936	1.1979 1.0315	1.1551	1.1263	Ave		1.1110			0.7000	5.5		20.0			
4-Chloroaniline	0.5703	0.5932	0.6227 0.5757	0.6008	0.5993	Ave		0.5937			0.0100	3.2		20.0			
Hexachlorobutadiene	0.1553 0.1531	0.1548 0.1621	0.1715 0.1562	0.1617	0.1579	Ave		0.1591			0.0100	3.7		20.0			
4-Chloro-3-methylphenol	0.2680	0.2829	0.2517 0.2776	0.2476	0.2555	Ave		0.2639			0.2000	5.5		20.0			
2-Methylnaphthalene	0.6584	0.6751	0.7283 0.6520	0.6888	0.6770	Ave		0.6799			0.4000	4.0		20.0			
1-Methylnaphthalene	0.6083	0.6290	0.6720 0.6036	0.6440	0.6366	Ave		0.6323				4.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

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 5		B	M1	M2								
2-tertbutyl-4-methylphenol	0.4512	0.4425	0.4043 0.4453	0.4171	0.4630	Ave		0.4372				5.1		20.0			
Hexachlorocyclopentadiene	0.3860	0.3753	0.3690 0.3683	0.3583	0.3692	Ave		0.3710			0.0500	2.5		20.0			
1,2,4,5-Tetrachlorobenzene	0.6043	0.5707	0.6322 0.5557	0.5944	0.5739	Ave		0.5885			0.0100	4.7		20.0			
2,4,6-Trichlorophenol	0.4035	0.3133 0.3871	0.3852 0.3726	0.3738	0.3741	Ave		0.3728			0.2000	7.6		20.0			
2,4,5-Trichlorophenol	0.4294	0.4063	0.3941 0.3973	0.3940	0.3984	Ave		0.4032			0.2000	3.4		20.0			
1,1'-Biphenyl	1.7614	1.6212	1.7904 1.5605	1.6875	1.6759	Ave		1.6828			0.0100	5.1		20.0			
2-Chloronaphthalene	1.3656	1.2739	1.3995 1.2216	1.3127	1.2877	Ave		1.3102			0.8000	4.9		20.0			
Phenyl ether	0.9178	0.8195	0.8264 0.8219	0.8137	0.8810	Ave		0.8467				5.0		20.0			
2-Nitroaniline	0.4780	0.4626	0.4387 0.3924	0.4330	0.4408	Ave		0.4409			0.0100	6.6		20.0			
1,3-Dimethylnaphthalene	1.1328	1.0183	1.0421 0.9867	1.0050	1.0984	Ave		1.0472				5.4		20.0			
Dimethyl phthalate	1.2943	1.1935	1.2667 1.0965	1.2129	1.1850	Ave		1.2081			0.0100	5.7		20.0			
2,6-Dinitrotoluene	0.3097	0.2342 0.2967	0.2795 0.2743	0.2849	0.2825	Ave		0.2803			0.2000	8.4		20.0			
Coumarin	0.2093	0.2043	0.1938 0.1884	0.1969	0.2089	Ave		0.2003				4.3		20.0			
Acenaphthylene	2.0072	1.8779	2.0141 1.7749	1.9261	1.8880	Ave		1.9147			0.9000	4.7		20.0			
3-Nitroaniline	0.3690	0.3510	0.3405 0.3103	0.3300	0.3294	Ave		0.3384			0.0100	6.0		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1630	1.0595	0.9882 1.0613	0.9903	1.0804	Ave		1.0571				6.1		20.0			
2,4-Dinitrophenol	0.1780	0.1718	0.1293 0.1508	0.1432	0.1503	Ave		0.1539			0.0100	11.8		20.0			
4-Nitrophenol	0.2637	0.2406	0.2310 0.2059	0.2286	0.2196	Ave		0.2316			0.0100	8.5		20.0			
Acenaphthene	1.3402	1.3079	1.3117 1.2303	1.2433	1.2135	Ave		1.2745			0.9000	4.1		20.0			
2,4-Dinitrotoluene	0.3785	0.2504 0.3566	0.3410 0.3085	0.3398	0.3338	Lin2	-0.019	0.3489			0.2000				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
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

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 5		B	M1	M2								
Dibenzofuran	1.7647	1.6275	1.7493 1.5279	1.6789	1.6368	Ave		1.6642			0.8000	5.3		20.0			
2,3,4,6-Tetrachlorophenol	0.2936	0.2810	0.2656 0.2598	0.2587	0.2586	Ave		0.2695			0.0100	5.4		20.0			
Diethyl phthalate	1.2760	1.1541	1.2373 1.0128	1.1984	1.1516	Ave		1.1717			0.0100	7.8		20.0			
4-Chlorophenyl phenyl ether	0.6119	0.5711	0.5860 0.5345	0.5659	0.5551	Ave		0.5708			0.4000	4.6		20.0			
4-Nitroaniline	0.3363	0.3012	0.2988 0.2534	0.3091	0.2833	Ave		0.2970			0.0100	9.3		20.0			
Fluorene	1.3749	1.2563	1.3501 1.1538	1.3039	1.2634	Ave		1.2837			0.9000	6.2		20.0			
4,6-Dinitro-2-methylphenol	0.1353	0.1130 0.1481	0.1345 0.1438	0.1252	0.1321	Ave		0.1332			0.0100	8.7		20.0			
N-Nitrosodiphenylamine	0.7148	0.7178	0.6599 0.7763	0.6560	0.7069	Ave		0.7053			0.0100	6.3		20.0			
1,2-Diphenylhydrazine	1.0857	1.1690	1.1166 1.2463	1.0831	1.0922	Ave		1.1321				5.7		20.0			
4-Bromophenyl phenyl ether	0.2369	0.2564	0.2394 0.2688	0.2317	0.2396	Ave		0.2455			0.1000	5.8		20.0			
Hexachlorobenzene	0.2490 0.2421	0.2399 0.2602	0.2464 0.2683	0.2499	0.2499	Ave		0.2507			0.1000	3.7		20.0			
n-Octadecane	0.8682	0.9465	0.7995 1.0448	0.8090	0.8376	Ave		0.8843				10.7		20.0			
Pentachlorophenol	0.1487	0.1626	0.1335 0.1603	0.1377	0.1437	Ave		0.1477			0.0500	8.0		20.0			
Pentachloronitrobenzene	0.0943	0.0951	0.0822 0.0943	0.0853	0.0961	Ave		0.0912			0.0100	6.5		20.0			
Phenanthrene	1.1791	1.2114	1.2934 1.1642	1.2709	1.2396	Ave		1.2264			0.7000	4.2		20.0			
Anthracene	1.2046	1.2436	1.3342 1.2029	1.2838	1.2573	Ave		1.2544			0.7000	4.0		20.0			
Carbazole	0.9947	0.9883	1.1404 0.9302	1.1024	1.0180	Ave		1.0290			0.0100	7.6		20.0			
Di-n-butyl phthalate	1.1887	1.1944	1.3005 1.1384	1.2724	1.1921	Ave		1.2144			0.0100	5.0		20.0			
Fluoranthene	0.8215	0.8221	1.0245 0.8037	0.9587	0.8746	Ave		0.8842			0.6000	10.1		20.0			
Benzidine	0.4172	0.4199	0.2864 0.5101	0.3763	0.3980	Ave		0.4013				18.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

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 5		B	M1	M2								
Bisphenol-A	0.5009	0.4242	+++++ 0.4694	0.0061	0.2300	Qua	-1.109	0.5716	-0.002595						0.9900		0.9900
Pyrene	2.1135	1.9993	2.8123 1.5946	2.5596	2.1803	Qua	-0.236	2.6148	-0.041532		0.6000				0.9980		0.9900
Butyl benzyl phthalate	0.7275	0.7605	0.8801 0.7279	0.8177	0.7368	Ave		0.7751			0.0100	8.0		20.0			
Carbamazepine	0.4328	0.4964	0.2826 0.5146	0.3044	0.3888	Qua	-0.251	0.4408	0.0036185						0.9990		0.9900
2,3,7,8-TCDD	0.1844					Ave		0.1844						20.0			
Bis(2-ethylhexyl) phthalate	0.9077	0.6414 0.9800	0.7881 0.9877	0.8303	0.8569	Ave		0.8560			0.0100	14.0		20.0			
3,3'-Dichlorobenzidine	0.4376	0.2707 0.4559	0.3354 0.4749	0.3587	0.4306	Lin2	-0.035	0.4295			0.0100				0.9900		0.9900
Benzo[a]anthracene	1.3243 1.1955	1.2012 1.2442	1.2521 1.2143	1.1983	1.1961	Ave		1.2282			0.8000	3.6		20.0			
Chrysene	1.1297	1.1105 1.1915	1.2088 1.1458	1.1743	1.1573	Ave		1.1597			0.7000	3.0		20.0			
Di-n-octyl phthalate	1.6219	1.7752	1.3485 1.6734	1.4009	1.4518	Ave		1.5453			0.0100	11.0		20.0			
Benzo[b]fluoranthene	0.8467 1.1785	1.0442 1.2267	1.1953 1.1736	1.1285	1.1276	Ave		1.1151			0.7000	10.9		20.0			
Benzo[k]fluoranthene	1.0336 1.2492	1.2011 1.3400	1.2426 1.2483	1.2549	1.2449	Ave		1.2268			0.7000	7.1		20.0			
Benzo[a]pyrene	0.9973 1.1252	0.9855 1.2083	1.1040 1.1699	1.0949	1.1152	Ave		1.1000			0.7000	7.0		20.0			
Indeno[1,2,3-cd]pyrene	1.1936 1.3416	1.2234 1.4916	1.4231 1.4628	1.3646	1.3351	Ave		1.3545			0.5000	7.8		20.0			
Dibenz(a,h)anthracene	0.9677 1.1060	1.0508 1.2323	1.1967 1.2249	1.1400	1.0980	Ave		1.1270			0.4000	8.1		20.0			
Benzo[g,h,i]perylene	1.0979	1.1789	1.2410 1.1564	1.2026	1.1344	Ave		1.1685			0.5000	4.3		20.0			
2-Fluorophenol (Surr)	1.4187	1.2258 1.4724	1.4378 1.3824	1.4225	1.3586	Ave		1.3883				5.8		20.0			
Phenol-d5 (Surr)	1.7299	1.3777 1.7725	1.6409 1.6906	1.6865	1.6377	Ave		1.6480				7.8		20.0			
Nitrobenzene-d5 (Surr)	0.3992 0.4091	0.3685 0.4417	0.4139 0.4164	0.4128	0.4071	Ave		0.4086				5.0		20.0			
2-Fluorobiphenyl	1.4537 1.5993	1.4070 1.4662	1.5011 1.3701	1.4576	1.4208	Ave		1.4595				4.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

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 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1766	0.1337 0.1678	0.1487 0.1450	0.1456	0.1441	Ave		0.1516				9.9		20.0			
Terphenyl-d14 (Surr)	1.5689 1.3880	1.5953 1.3043	1.6459 1.0620	1.5878	1.3073	QuaF		1.6338	-0.023358						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
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-297054/9	C15824.D
Level 2	STD02 460-297054/8	C15823.D
Level 3	STD1 460-297054/7	C15822.D
Level 4	STD2 460-297054/6	C15821.D
Level 5	STD4 460-297054/5	C15820.D
Level 6	ICIS 460-297054/2	C15817.D
Level 7	STD16 460-297054/4	C15819.D
Level 8	STD24 460-297054/3	C15818.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 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	458704	730142	56714 956723	100778	180089	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	698268	1130645	85176 1485175	150620	275538	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	1173323	1914806	138138 2542042	250005	460555	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1333225	2170710	165283 2862378	290041	534341	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	1845992	2791320	211853 3650507	368222	687493	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	13693 1175344	28764 2103836	174805 2843427	289422	492723	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	Ave	1566258	2514137	208124 3235463	355989	631239	10.0	16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	1096286	1793261	141744 2370205	243544	441025	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1226846	1977329	158871 2578957	273319	487013	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1224734	1998788	160278 2610672	277407	497549	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	711306	1123004	58813 1529454	122854	242047	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	986282	1588667	124931 2116091	221815	391841	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Ave	1141102	1839324	149544 2378440	259011	459368	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	2061992	3281727	264211 4349640	456712	807481	10.0	16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	1025173	1675603	124870 2247792	217889	404054	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Methylphenol	DCB	Ave	1025062	1675603	124531 2237911	217778	402183	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCB	Ave	6741 752349	15888 1209104	92953 1650282	161022	288492	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1388900	2220863	176699 2927612	308107	556988	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	5007 499559	10628 822066	65020 1080676	110583	197760	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	Ave	1702542	2583622	197819 3520877	348922	690819	10.0	16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	14707 1479097	31874 2436206	180658 3239749	321846	593898	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	1812724	37849 2916274	221687 3976905	380974	692043	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	969869	1567427	147931 2045629	208827	367292	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	511713	902957	63639 1168183	113035	208271	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Ave	490012	881195	42800 1222537	82611	200324	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	1229117	1959769	153136 2616494	266420	473807	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	808900	1311404	89570 1754010	155815	300110	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	8672 848148	19918 1367614	110171 1815015	190557	337646	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	3078157	4885856	399847 6357031	693773	1232814	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	1654294	2650438	207846 3547946	360857	656005	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	4577 444044	9803 724198	57244 962341	97115	172854	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	777484	1263745	84027 1710947	148694	279659	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	1909926	3016097	243103 4017779	413693	741028	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	1764530	2810281	224297 3719595	386774	696808	10.0	16.0	1.00 24.0	2.00	4.00
2-tertbutyl-4-methylphenol	NPT	Ave	1308651	1976932	134937 2743988	250515	506738	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	475078	785911	55517 1069649	98391	183692	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	743810	1195193	95106 1613775	163223	285536	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	496622	9359 810552	57953 1082083	102658	186133	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	528526	850817	59294 1153711	108180	198198	10.0	16.0	1.00 24.0	2.00	4.00
1,1'-Biphenyl	ANT	Ave	2168051	3394913	269354 4531805	463380	833841	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1680900	2667724	210542 3547670	360461	640703	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1129720	1716158	124320 2386769	223453	438325	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	588366	968822	66004 1139490	118889	219333	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	1394371	2132352	156774 2865564	275976	546473	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1593124	2499388	190561 3184202	333052	589567	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	381221	6997 621277	42049 796627	78233	140550	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	607060	912783	64690 1161304	118251	228618	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	2470665	3932564	303010 5154448	528918	939328	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	454196	735120	51231 900990	90621	163887	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	1431573	2218645	148662 3082152	271933	537540	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	438154	719604	38903 875883	78653	149574	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	649087	1007812	69513 1196026	125525	218541	20.0	32.0	2.00 48.0	4.00	8.00
Acenaphthene	ANT	Ave	1649686	2738938	197330 3572934	341407	603759	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrotoluene	ANT	Lin2	465888	7479 746769	51299 895910	93305	166060	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	2172152	3408111	263163 4437157	461036	814383	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	361407	588346	39965 754528	71032	128647	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	1570610	2416735	186140 2941217	329094	572951	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	753162	1195967	88166 1552319	155410	276171	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	413904	630699	44956 735771	84892	140969	10.0	16.0	1.00 24.0	2.00	4.00
Fluorene	ANT	Ave	1692392	2630830	203111 3350832	358054	628566	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	478658	9521 758285	53800 881467	91261	165789	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	1264905	1837091	131943 2379844	239022	443441	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	1921110	2991729	223254 3820576	394638	685186	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	419267	656221	47872 824136	84437	150286	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	4365 428399	10102 665870	49276 822626	91067	156759	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n-Octadecane	PHN	Ave	1536334	2422317	159854 3203027	294762	525428	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	526117	832112	53385 982682	100344	180237	20.0	32.0	2.00 48.0	4.00	8.00
Pentachloronitrobenzene	PHN	Ave	166948	243413	16442 288935	31088	60285	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	2086421	3100156	258623 3568796	463090	777622	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	2131546	3182702	266775 3687455	467770	788768	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	1760164	2529395	228032 2851603	401699	638653	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	2103367	3056706	260034 3489800	463625	747834	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	1453588	2103924	204843 2463736	349316	548686	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	738291	1074501	57265 1563600	137122	249699	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Qua	332815	434474	+++++ 715052	822	56188	10.0	16.0	+++++ 24.0	2.00	4.00
Pyrene	CRY	Qua	1404178	2047527	200686 2429196	343374	532640	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	483360	778829	62806 1108825	109695	180006	10.0	16.0	1.00 24.0	2.00	4.00
Carbamazepine	CRY	Qua	287576	508398	20169 783983	40831	94980	10.0	16.0	1.00 24.0	2.00	4.00

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297054

SDG No.:

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2015 12:17 Calibration End Date: 05/07/2015 15:43 Calibration ID: 49800

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2,3,7,8-TCDD	CRY	Ave	1225					0.100				
Bis(2-ethylhexyl) phthalate	CRY	Ave	603059	9740 1003641	56239 1504563	111388	209342	10.0	0.200 16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Lin2	290750	4110 466930	23931 723441	48117	105192	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	7667 794271	18240 1274189	89348 1849806	160752	292201	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	750588	16863 1220236	86258 1745493	157539	282719	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	922109	1617202	59867 2511887	144215	321911	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	4172 670020	10516 1117530	53063 1761659	116177	250015	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	5093 710244	12097 1220717	55166 1873832	129190	276020	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	4914 639726	9925 1100776	49012 1756103	112717	247269	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	5881 762744	12321 1358803	63175 2195745	140480	296040	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	4768 628812	10583 1122596	53125 1838672	117358	243452	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	624223	1073996	55092 1735873	123798	251537	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol (Surr)	DCB	Ave	1087373	20628 1767464	130688 2269871	232376	410158	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5 (Surr)	DCB	Ave	1325888	23185 2127694	149154 2775930	275505	494387	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5 (Surr)	NPT	Ave	11765 1186558	23341 1973240	138164 2566156	247935	445570	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	19315 1968604	42029 3070380	225831 3978910	400265	706906	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	217375	3993 351393	22367 421004	39974	71699	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14 (Surr)	CRY	QuaF	9083 922189	24224 1335780	117453 1617770	213003	319357	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

Report Date: 10-May-2015 13:10:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15817.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 07-May-2015 12:17:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-002
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:10:50 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 12:42:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.946	2.946	0.000	98	458704	10.0	9.90	
	2 N-Nitrosodimethylamine	74	3.181	3.181	0.000	83	698268	10.0	9.89	
	3 Pyridine	79	3.257	3.257	0.000	83	1173323	10.0	9.93	
$	4 2-Fluorophenol	112	4.393	4.393	0.000	94	1087373	10.0	10.2	
$	6 Phenol-d5	99	5.228	5.228	0.000	91	1325888	10.0	10.5	
	7 Phenol	94	5.245	5.245	0.000	99	1333225	10.0	9.80	
	8 Aniline	93	5.328	5.328	0.000	100	1845992	10.0	10.5	
	9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	95	1175344	10.0	8.93	
	125 Benzonitrile	103	5.410	5.410	0.000	98	2093002	NC	NC	
	11 n-Decane	43	5.457	5.457	0.000	94	1566258	10.0	9.68	
	10 2-Chlorophenol	128	5.463	5.463	0.000	95	1096286	10.0	9.67	
	12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	95	1226846	10.0	9.75	
*	13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	613157	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	94	1224734	10.0	9.62	
	15 Benzyl alcohol	108	5.763	5.763	0.000	94	711306	10.0	11.1	
	17 2-Methylphenol	108	5.845	5.845	0.000	89	986282	10.0	9.74	
	16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	93	1141102	10.0	9.69	
	18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	2061992	10.0	9.81	
	21 4-Methylphenol	108	5.992	5.992	0.000	94	1025062	10.0	9.87	
	22 3 & 4 Methylphenol	108	5.992	5.992	0.000	67	1025173	10.0	9.85	
	20 N-Nitrosodi-n-propylamine	70	6.022	6.022	0.000	92	752349	10.0	10.2	
	126 N-Methylaniline	106	6.028	6.028	0.000	79	1622239	NC	NC	
	19 Acetophenone	105	6.039	6.039	0.000	96	1388900	10.0	9.78	
	24 Hexachloroethane	117	6.198	6.198	0.000	90	499559	10.0	9.86	
$	25 Nitrobenzene-d5	82	6.204	6.204	0.000	90	1186558	10.0	10.0	
	27 n,n'-Dimethylaniline	120	6.222	6.222	0.000	93	1702542	10.0	10.2	
	26 Nitrobenzene	77	6.228	6.228	0.000	91	1479097	10.0	9.71	
	28 Isophorone	82	6.451	6.451	0.000	99	1812724	10.0	9.83	
	30 2,4-Dimethylphenol	122	6.534	6.534	0.000	91	969869	10.0	9.36	
	29 2-Nitrophenol	139	6.545	6.545	0.000	90	511713	10.0	9.31	
	32 Benzoic acid	122	6.598	6.598	0.000	86	490012	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.628	6.628	0.000	98	1229117	10.0	9.70	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	808900	10.0	10.1	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	848148	10.0	9.52	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	100	2320531	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	3078157	10.0	9.55	
37 4-Chloroaniline	127	6.986	6.986	0.000	96	1654294	10.0	9.61	
38 Hexachlorobutadiene	225	7.086	7.086	0.000	93	444044	10.0	9.62	
40 4-Chloro-3-methylphenol	107	7.439	7.439	0.000	97	777484	10.0	10.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	86	1909926	10.0	9.68	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	93	1764530	10.0	9.62	
45 2-tertbutyl-4-methylphenol	149	7.792	7.792	0.000	92	1308651	10.0	10.3	
43 Hexachlorocyclopentadiene	237	7.833	7.833	0.000	95	475078	10.0	10.4	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	95	743810	10.0	10.3	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	87	496622	10.0	10.8	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	528526	10.0	10.6	
$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	1968604	10.0	11.0	
49 1,1'-Biphenyl	154	8.128	8.128	0.000	96	2168051	10.0	10.5	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	97	1680900	10.0	10.4	
53 Phenyl ether	170	8.222	8.222	0.000	88	1129720	10.0	10.8	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	588366	10.0	10.8	
55 1,3-Dimethylnaphthalene	156	8.380	8.380	0.000	92	1394371	10.0	10.8	
56 Dimethyl phthalate	163	8.392	8.392	0.000	98	1593124	10.0	10.7	
58 2,6-Dinitrotoluene	165	8.469	8.469	0.000	95	381221	10.0	11.1	
57 Coumarin	146	8.475	8.475	0.000	82	607060	10.0	10.5	
59 Acenaphthylene	152	8.604	8.604	0.000	97	2470665	10.0	10.5	
60 3-Nitroaniline	138	8.651	8.651	0.000	95	454196	10.0	10.9	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	1431573	10.0	11.0	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	98	984708	8.00	8.00	
64 2,4-Dinitrophenol	184	8.757	8.757	0.000	93	438154	20.0	23.1	
65 4-Nitrophenol	65	8.775	8.775	0.000	89	649087	20.0	22.8	
62 Acenaphthene	154	8.780	8.780	0.000	96	1649686	10.0	10.5	
67 2,4-Dinitrotoluene	165	8.880	8.880	0.000	94	465888	10.0	10.9	
66 Dibenzofuran	168	8.945	8.945	0.000	95	2172152	10.0	10.6	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	361407	10.0	10.9	
69 Diethyl phthalate	149	9.092	9.092	0.000	98	1570610	10.0	10.9	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	84	753162	10.0	10.7	
72 4-Nitroaniline	138	9.275	9.275	0.000	93	413904	10.0	11.3	
70 Fluorene	166	9.298	9.298	0.000	96	1692392	10.0	10.7	
73 4,6-Dinitro-2-methylphenol	198	9.310	9.310	0.000	84	478658	20.0	20.3	
74 N-Nitrosodiphenylamine	169	9.369	9.369	0.000	68	1264905	10.0	10.1	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	1921110	10.0	9.59	
$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	217375	10.0	11.6	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	85	419267	10.0	9.65	
78 Hexachlorobenzene	284	9.875	9.875	0.000	99	428399	10.0	9.66	
82 n-Octadecane	57	10.010	10.010	0.000	94	1536334	10.0	9.82	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	526117	20.0	20.1	
81 Pentachloronitrobenzene	237	10.074	10.074	0.000	86	166948	10.0	10.3	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1415596	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	2086421	10.0	9.61	
85 Anthracene	178	10.339	10.339	0.000	98	2131546	10.0	9.60	
86 Carbazole	167	10.474	10.474	0.000	96	1760164	10.0	9.67	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	2103367	10.0	9.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	1453588	10.0	9.29	
122 Benzidine	184	11.727	11.727	0.000	100	738291	10.0	10.4	
123 Bisphenol-A	213	11.868	11.868	0.000	0	332815	10.0	11.3	
90 Pyrene	202	11.939	11.939	0.000	96	1404178	10.0	9.65	
$ 91 Terphenyl-d14	244	12.057	12.057	0.000	99	922189	10.0	9.90	
92 Butyl benzyl phthalate	149	12.674	12.674	0.000	98	483360	10.0	9.39	
93 Carbamazepine	193	12.910	12.910	0.000	93	287576	10.0	9.63	
108 2,3,7,8-TCDD	320	12.927	12.927	0.000	88	1225	0.1000	0.1000	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	603059	10.0	10.6	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	290750	10.0	10.3	
95 Benzo[a]anthracene	228	13.657	13.657	0.000	99	794271	10.0	9.73	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	531508	8.00	8.00	
97 Chrysene	228	13.715	13.715	0.000	98	750588	10.0	9.74	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	922109	10.0	10.5	
100 Benzo[b]fluoranthene	252	15.433	15.433	0.000	97	670020	10.0	10.6	
101 Benzo[k]fluoranthene	252	15.480	15.480	0.000	98	710244	10.0	10.2	
102 Benzo[a]pyrene	252	16.027	16.027	0.000	95	639726	10.0	10.2	
* 103 Perylene-d12	264	16.133	16.133	0.000	95	454831	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.409	18.409	0.000	94	762744	10.0	9.90	
105 Dibenz(a,h)anthracene	278	18.427	18.427	0.000	93	628812	10.0	9.81	
106 Benzo[g,h,i]perylene	276	19.103	19.103	0.000	94	624223	10.0	9.40	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023 Amount Added: 1.00 Units: mL

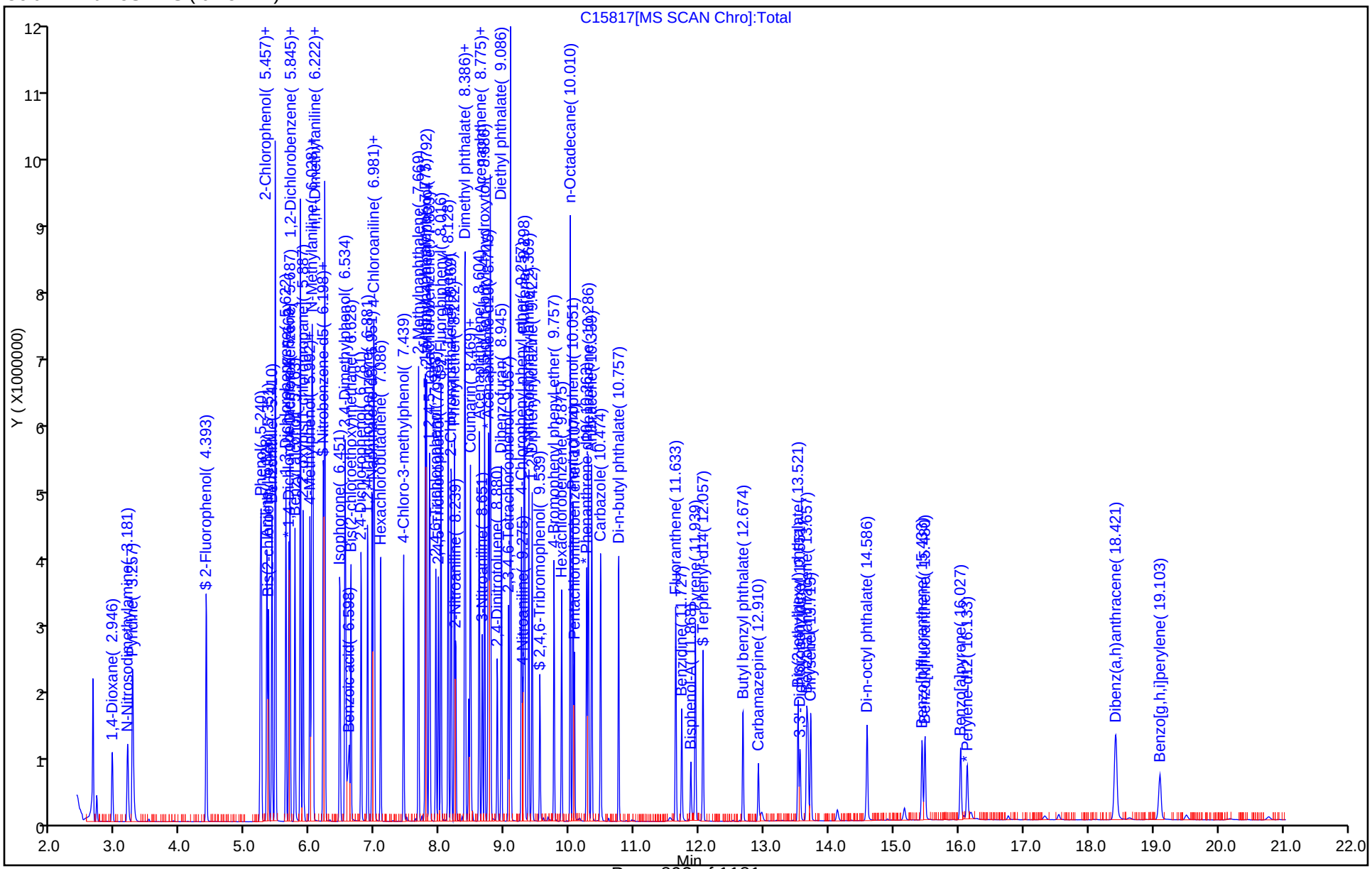
Report Date: 10-May-2015 13:10:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15817.D

Injection Date:	07-May-2015 12:17:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 10-May-2015 13:10:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15818.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 07-May-2015 12:48:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-003
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:10:56 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 14:26:07

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.928	2.946	-0.018	97	956723	24.0	23.1	
	2 N-Nitrosodimethylamine	74	3.175	3.181	-0.006	83	1485175	24.0	23.6	
	3 Pyridine	79	3.246	3.257	-0.011	84	2542042	24.0	24.1	
$	4 2-Fluorophenol	112	4.393	4.393	0.001	93	2269871	24.0	23.9	
$	6 Phenol-d5	99	5.240	5.228	0.012	95	2775930	24.0	24.6	
	7 Phenol	94	5.251	5.245	0.006	99	2862378	24.0	23.6	
	8 Aniline	93	5.334	5.328	0.006	100	3650507	24.0	23.2	
	9 Bis(2-chloroethyl)ether	93	5.357	5.351	0.006	87	2843427	24.0	24.2	
	125 Benzonitrile	103	5.416	5.410	0.006	97	4402331	NC	NC	
	11 n-Decane	43	5.457	5.457	0.000	94	3235463	24.0	22.4	
	10 2-Chlorophenol	128	5.469	5.463	0.006	94	2370205	24.0	23.4	
	12 1,3-Dichlorobenzene	146	5.628	5.622	0.006	95	2578957	24.0	23.0	
*	13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	547342	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	93	2610672	24.0	23.0	
	15 Benzyl alcohol	108	5.769	5.763	0.006	93	1529454	24.0	26.8	
	17 2-Methylphenol	108	5.851	5.845	0.006	88	2116091	24.0	23.4	
	16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	94	2378440	24.0	22.6	
	18 2,2'-oxybis[1-chloropropan	45	5.892	5.887	0.005	94	4349640	24.0	23.2	
	21 4-Methylphenol	108	6.004	5.992	0.012	93	2237911	24.0	24.1	
	22 3 & 4 Methylphenol	108	6.004	5.992	0.012	67	2247792	24.0	24.2	
	20 N-Nitrosodi-n-propylamine	70	6.040	6.022	0.018	87	1650282	24.0	25.0	
	126 N-Methylaniline	106	6.034	6.028	0.006	32	3409176	NC	NC	
	19 Acetophenone	105	6.051	6.039	0.012	96	2927612	24.0	23.1	
	24 Hexachloroethane	117	6.198	6.198	0.000	90	1080676	24.0	23.9	
$	25 Nitrobenzene-d5	82	6.210	6.204	0.006	91	2566156	24.0	24.5	
	27 n,n'-Dimethylaniline	120	6.228	6.222	0.006	95	3520877	24.0	23.5	
	26 Nitrobenzene	77	6.234	6.228	0.006	92	3239749	24.0	24.0	
	28 Isophorone	82	6.469	6.451	0.018	99	3976905	24.0	24.4	
	30 2,4-Dimethylphenol	122	6.539	6.534	0.005	91	2045629	24.0	22.3	
	29 2-Nitrophenol	139	6.551	6.545	0.006	89	1168183	24.0	24.0	
	32 Benzoic acid	122	6.634	6.598	0.036	33	1222537	24.0	28.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.634	6.628	0.006	98	2616494	24.0	23.3	
33 2,4-Dichlorophenol	162	6.787	6.781	0.006	96	1754010	24.0	24.7	
34 1,2,4-Trichlorobenzene	180	6.887	6.881	0.006	95	1815015	24.0	23.0	
* 35 Naphthalene-d8	136	6.957	6.951	0.006	99	2054211	8.00	8.00	
36 Naphthalene	128	6.981	6.975	0.006	98	6357031	24.0	22.3	
37 4-Chloroaniline	127	6.992	6.986	0.006	95	3547946	24.0	23.3	
38 Hexachlorobutadiene	225	7.087	7.086	0.000	92	962341	24.0	23.6	
40 4-Chloro-3-methylphenol	107	7.445	7.439	0.006	97	1710947	24.0	25.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	85	4017779	24.0	23.0	
42 1-Methylnaphthalene	142	7.781	7.775	0.006	93	3719595	24.0	22.9	
45 2-tertbutyl-4-methylphenol	149	7.798	7.792	0.006	91	2743988	24.0	24.4	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	95	1069649	24.0	23.8	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	98	1613775	24.0	22.7	
46 2,4,6-Trichlorophenol	196	7.939	7.933	0.006	86	1082083	24.0	24.0	
47 2,4,5-Trichlorophenol	196	7.981	7.975	0.006	94	1153711	24.0	23.6	
$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	3978910	24.0	22.5	
49 1,1'-Biphenyl	154	8.134	8.128	0.006	97	4531805	24.0	22.3	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	95	3547670	24.0	22.4	
53 Phenyl ether	170	8.228	8.222	0.006	87	2386769	24.0	23.3	
54 2-Nitroaniline	65	8.245	8.239	0.006	96	1139490	24.0	21.4	
55 1,3-Dimethylnaphthalene	156	8.386	8.380	0.006	90	2865564	24.0	22.6	
56 Dimethyl phthalate	163	8.398	8.392	0.006	98	3184202	24.0	21.8	
58 2,6-Dinitrotoluene	165	8.475	8.469	0.006	95	796627	24.0	23.5	
57 Coumarin	146	8.481	8.475	0.006	81	1161304	24.0	22.6	
59 Acenaphthylene	152	8.610	8.604	0.006	97	5154448	24.0	22.2	
60 3-Nitroaniline	138	8.657	8.651	0.006	96	900990	24.0	22.0	
63 3,5-di-tert-butyl-4-hydrox	205	8.692	8.686	0.006	99	3082152	24.0	24.1	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	94	968018	8.00	8.00	
64 2,4-Dinitrophenol	184	8.763	8.757	0.006	93	875883	48.0	47.0	
65 4-Nitrophenol	65	8.781	8.775	0.006	60	1196026	48.0	42.7	
62 Acenaphthene	154	8.781	8.780	0.001	96	3572934	24.0	23.2	
67 2,4-Dinitrotoluene	165	8.886	8.880	0.006	93	895910	24.0	21.3	
66 Dibenzofuran	168	8.951	8.945	0.006	95	4437157	24.0	22.0	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	754528	24.0	23.1	
69 Diethyl phthalate	149	9.098	9.092	0.006	98	2941217	24.0	20.7	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	83	1552319	24.0	22.5	
72 4-Nitroaniline	138	9.286	9.275	0.011	90	735771	24.0	20.5	
70 Fluorene	166	9.298	9.298	0.000	96	3350832	24.0	21.6	
73 4,6-Dinitro-2-methylphenol	198	9.316	9.310	0.006	81	881467	48.0	51.8	
74 N-Nitrosodiphenylamine	169	9.375	9.369	0.006	68	2379844	24.0	26.4	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	3820576	24.0	26.4	
$ 76 2,4,6-Tribromophenol	330	9.545	9.539	0.006	93	421004	24.0	22.9	
77 4-Bromophenyl phenyl ether	248	9.763	9.757	0.006	85	824136	24.0	26.3	
78 Hexachlorobenzene	284	9.880	9.875	0.006	99	822626	24.0	25.7	
82 n-Octadecane	57	10.010	10.010	0.000	95	3203027	24.0	28.4	
121 Pentachlorophenol	266	10.057	10.051	0.006	92	982682	48.0	52.1	
81 Pentachloronitrobenzene	237	10.075	10.074	0.001	85	288935	24.0	24.8	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1021859	8.00	8.00	
84 Phenanthrene	178	10.292	10.286	0.006	98	3568796	24.0	22.8	
85 Anthracene	178	10.345	10.339	0.006	98	3687455	24.0	23.0	
86 Carbazole	167	10.480	10.474	0.006	96	2851603	24.0	21.7	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	3489800	24.0	22.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.639	11.633	0.006	97	2463736	24.0	21.8	
122 Benzidine	184	11.727	11.727	0.000	99	1563600	24.0	30.5	
123 Bisphenol-A	213	11.869	11.868	0.001	0	715052	24.0	24.3	
90 Pyrene	202	11.939	11.939	0.000	96	2429196	24.0	23.5	
$ 91 Terphenyl-d14	244	12.057	12.057	0.000	98	1617770	24.0	23.5	
92 Butyl benzyl phthalate	149	12.674	12.674	0.000	98	1108825	24.0	22.5	
93 Carbamazepine	193	12.916	12.910	0.006	93	783983	24.0	23.9	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	1504563	24.0	27.7	
94 3,3'-Dichlorobenzidine	252	13.557	13.551	0.006	99	723441	24.0	26.6	
95 Benzo[a]anthracene	228	13.663	13.657	0.006	100	1849806	24.0	23.7	
* 96 Chrysene-d12	240	13.680	13.674	0.006	98	507783	8.00	8.00	
97 Chrysene	228	13.721	13.715	0.006	98	1745493	24.0	23.7	
99 Di-n-octyl phthalate	149	14.592	14.586	0.006	97	2511887	24.0	26.0	
100 Benzo[b]fluoranthene	252	15.439	15.433	0.006	97	1761659	24.0	25.3	
101 Benzo[k]fluoranthene	252	15.486	15.480	0.006	98	1873832	24.0	24.4	
102 Benzo[a]pyrene	252	16.039	16.027	0.012	95	1756103	24.0	25.5	
* 103 Perylene-d12	264	16.133	16.133	0.000	96	500361	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.433	18.409	0.024	97	2195745	24.0	25.9	
105 Dibenz(a,h)anthracene	278	18.445	18.427	0.018	95	1838672	24.0	26.1	
106 Benzo[g,h,i]perylene	276	19.121	19.103	0.018	94	1735873	24.0	23.8	
S 119 Total Cresols	1				0			47.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL8_00006 Amount Added: 1.00 Units: mL

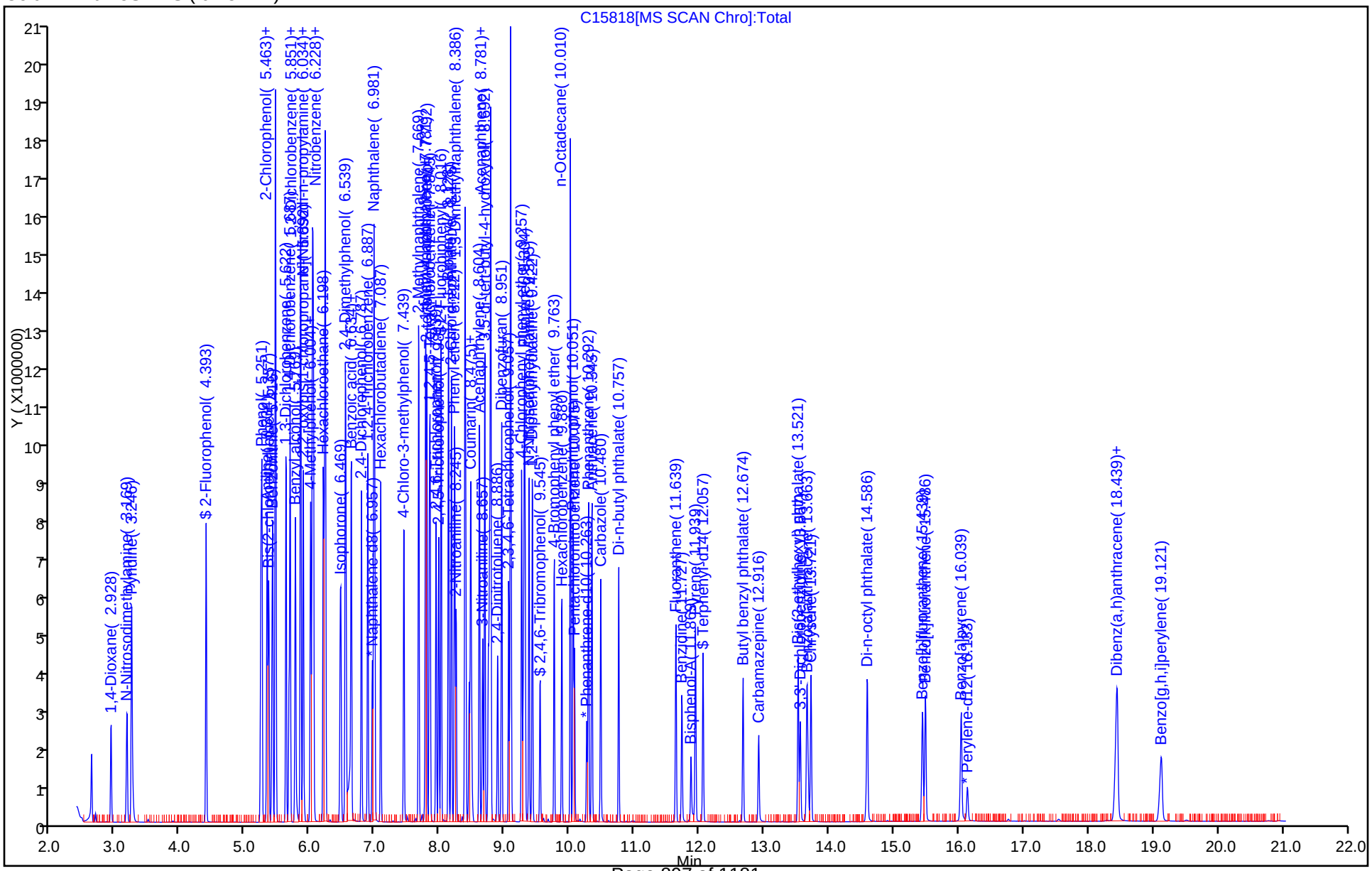
Report Date: 10-May-2015 13:10:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15818.D

Injection Date:	07-May-2015 12:48:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD24			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 10-May-2015 13:11:01 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15819.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 07-May-2015 13:17:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-004
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:00 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 14:26:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.946	2.946	0.000	97	730142	16.0	16.1	
2 N-Nitrosodimethylamine	74	3.187	3.181	0.006	83	1130645	16.0	16.4	
3 Pyridine	79	3.257	3.257	0.000	84	1914806	16.0	16.6	
$ 4 2-Fluorophenol	112	4.399	4.393	0.007	94	1767464	16.0	17.0	
$ 6 Phenol-d5	99	5.234	5.228	0.006	91	2127694	16.0	17.2	
7 Phenol	94	5.251	5.245	0.006	99	2170710	16.0	16.3	
8 Aniline	93	5.334	5.328	0.006	100	2791320	16.0	16.2	
9 Bis(2-chloroethyl)ether	93	5.357	5.351	0.006	89	2103836	16.0	16.3	
125 Benzonitrile	103	5.416	5.410	0.006	98	3232705	NC	NC	
11 n-Decane	43	5.457	5.457	0.000	95	2514137	16.0	15.9	
10 2-Chlorophenol	128	5.469	5.463	0.006	94	1793261	16.0	16.2	
12 1,3-Dichlorobenzene	146	5.628	5.622	0.006	95	1977329	16.0	16.1	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	96	600185	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	93	1998788	16.0	16.0	
15 Benzyl alcohol	108	5.769	5.763	0.006	93	1123004	16.0	18.0	
17 2-Methylphenol	108	5.851	5.845	0.006	89	1588667	16.0	16.0	
16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	93	1839324	16.0	16.0	
18 2,2'-oxybis[1-chloropropan	45	5.893	5.887	0.006	94	3281727	16.0	16.0	
21 4-Methylphenol	108	5.998	5.992	0.006	93	1675603	16.0	16.5	
22 3 & 4 Methylphenol	108	5.998	5.992	0.006	67	1675603	16.0	16.4	
20 N-Nitrosodi-n-propylamine	70	6.028	6.022	0.006	91	1209104	16.0	16.7	
126 N-Methylaniline	106	6.034	6.028	0.006	82	2508154	NC	NC	
19 Acetophenone	105	6.046	6.039	0.007	95	2220863	16.0	16.0	
24 Hexachloroethane	117	6.198	6.198	0.000	90	822066	16.0	16.6	
$ 25 Nitrobenzene-d5	82	6.210	6.204	0.006	90	1973240	16.0	17.3	
27 n,n'-Dimethylaniline	120	6.228	6.222	0.006	98	2583622	16.0	15.8	
26 Nitrobenzene	77	6.228	6.228	0.000	92	2436206	16.0	16.6	
28 Isophorone	82	6.457	6.451	0.006	99	2916274	16.0	16.4	
30 2,4-Dimethylphenol	122	6.540	6.534	0.006	90	1567427	16.0	15.7	
29 2-Nitrophenol	139	6.551	6.545	0.006	91	902957	16.0	17.1	
32 Benzoic acid	122	6.622	6.598	0.024	87	881195	16.0	18.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.628	6.628	0.000	98	1959769	16.0	16.1	
33 2,4-Dichlorophenol	162	6.787	6.781	0.006	95	1311404	16.0	17.0	
34 1,2,4-Trichlorobenzene	180	6.887	6.881	0.006	95	1367614	16.0	15.9	
* 35 Naphthalene-d8	136	6.957	6.951	0.006	100	2233856	8.00	8.00	
36 Naphthalene	128	6.981	6.975	0.006	98	4885856	16.0	15.7	
37 4-Chloroaniline	127	6.993	6.986	0.007	95	2650438	16.0	16.0	
38 Hexachlorobutadiene	225	7.087	7.086	0.001	92	724198	16.0	16.3	
40 4-Chloro-3-methylphenol	107	7.440	7.439	0.001	97	1263745	16.0	17.2	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	90	3016097	16.0	15.9	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	93	2810281	16.0	15.9	
45 2-tertbutyl-4-methylphenol	149	7.792	7.792	0.000	91	1976932	16.0	16.2	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	95	785911	16.0	16.2	
44 1,2,4,5-Tetrachlorobenzene	216	7.845	7.845	0.000	95	1195193	16.0	15.5	
46 2,4,6-Trichlorophenol	196	7.940	7.933	0.007	87	810552	16.0	16.6	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	94	850817	16.0	16.1	
$ 48 2-Fluorobiphenyl	172	8.016	8.016	0.000	97	3070380	16.0	16.1	
49 1,1'-Biphenyl	154	8.128	8.128	0.000	96	3394913	16.0	15.4	
50 2-Chloronaphthalene	162	8.175	8.175	0.000	96	2667724	16.0	15.6	
53 Phenyl ether	170	8.222	8.222	0.000	88	1716158	16.0	15.5	
54 2-Nitroaniline	65	8.245	8.239	0.006	98	968822	16.0	16.8	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	92	2132352	16.0	15.6	
56 Dimethyl phthalate	163	8.392	8.392	0.000	98	2499388	16.0	15.8	
58 2,6-Dinitrotoluene	165	8.469	8.469	0.000	95	621277	16.0	16.9	
57 Coumarin	146	8.475	8.475	0.000	81	912783	16.0	16.3	
59 Acenaphthylene	152	8.604	8.604	0.000	97	3932564	16.0	15.7	
60 3-Nitroaniline	138	8.657	8.651	0.006	96	735120	16.0	16.6	
63 3,5-di-tert-butyl-4-hydrox	205	8.687	8.686	0.001	99	2218645	16.0	16.0	
* 61 Acenaphthene-d10	164	8.745	8.745	0.000	94	1047049	8.00	8.00	
64 2,4-Dinitrophenol	184	8.757	8.757	0.000	91	719604	32.0	35.7	
65 4-Nitrophenol	65	8.775	8.775	0.000	66	1007812	32.0	33.3	
62 Acenaphthene	154	8.781	8.780	0.001	96	2738938	16.0	16.4	
67 2,4-Dinitrotoluene	165	8.887	8.880	0.007	94	746769	16.0	16.4	
66 Dibenzofuran	168	8.951	8.945	0.006	95	3408111	16.0	15.6	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	588346	16.0	16.7	
69 Diethyl phthalate	149	9.092	9.092	0.000	98	2416735	16.0	15.8	
71 4-Chlorophenyl phenyl ethe	204	9.257	9.257	0.000	84	1195967	16.0	16.0	
72 4-Nitroaniline	138	9.281	9.275	0.006	92	630699	16.0	16.2	
70 Fluorene	166	9.298	9.298	0.000	96	2630830	16.0	15.7	
73 4,6-Dinitro-2-methylphenol	198	9.310	9.310	0.000	81	758285	32.0	35.6	
74 N-Nitrosodiphenylamine	169	9.369	9.369	0.000	68	1837091	16.0	16.3	
75 1,2-Diphenylhydrazine	77	9.422	9.422	0.000	99	2991729	16.0	16.5	
$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	351393	16.0	17.7	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	83	656221	16.0	16.7	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	665870	16.0	16.6	
82 n-Octadecane	57	10.010	10.010	0.000	94	2422317	16.0	17.1	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	832112	32.0	35.2	
81 Pentachloronitrobenzene	237	10.075	10.074	0.001	85	243413	16.0	16.7	
* 83 Phenanthrene-d10	188	10.263	10.263	0.000	99	1279614	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	3100156	16.0	15.8	
85 Anthracene	178	10.339	10.339	0.000	98	3182702	16.0	15.9	
86 Carbazole	167	10.475	10.474	0.001	96	2529395	16.0	15.4	
87 Di-n-butyl phthalate	149	10.757	10.757	0.000	100	3056706	16.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	2103924	16.0	14.9	
122 Benzidine	184	11.728	11.727	0.001	99	1074501	16.0	16.7	
123 Bisphenol-A	213	11.869	11.868	0.001	0	434474	16.0	14.8	
90 Pyrene	202	11.939	11.939	0.000	96	2047527	16.0	16.8	
$ 91 Terphenyl-d14	244	12.057	12.057	0.000	99	1335780	16.0	16.8	
92 Butyl benzyl phthalate	149	12.669	12.674	-0.005	98	778829	16.0	15.7	
93 Carbamazepine	193	12.910	12.910	0.000	93	508398	16.0	16.4	
98 Bis(2-ethylhexyl) phthalat	149	13.522	13.521	0.001	91	1003641	16.0	18.3	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	466930	16.0	17.1	
95 Benzo[a]anthracene	228	13.657	13.657	0.000	100	1274189	16.0	16.2	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	512057	8.00	8.00	
97 Chrysene	228	13.716	13.715	0.001	98	1220236	16.0	16.4	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	1617202	16.0	18.4	
100 Benzo[b]fluoranthene	252	15.439	15.433	0.006	97	1117530	16.0	17.6	
101 Benzo[k]fluoranthene	252	15.480	15.480	0.000	98	1220717	16.0	17.5	
102 Benzo[a]pyrene	252	16.033	16.027	0.006	95	1100776	16.0	17.6	
* 103 Perylene-d12	264	16.127	16.133	-0.006	95	455493	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.421	18.409	0.012	97	1358803	16.0	17.6	
105 Dibenz(a,h)anthracene	278	18.433	18.427	0.006	93	1122596	16.0	17.5	
106 Benzo[g,h,i]perylene	276	19.109	19.103	0.006	94	1073996	16.0	16.1	
S 119 Total Cresols	1				0			32.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL7_00006 Amount Added: 1.00 Units: mL

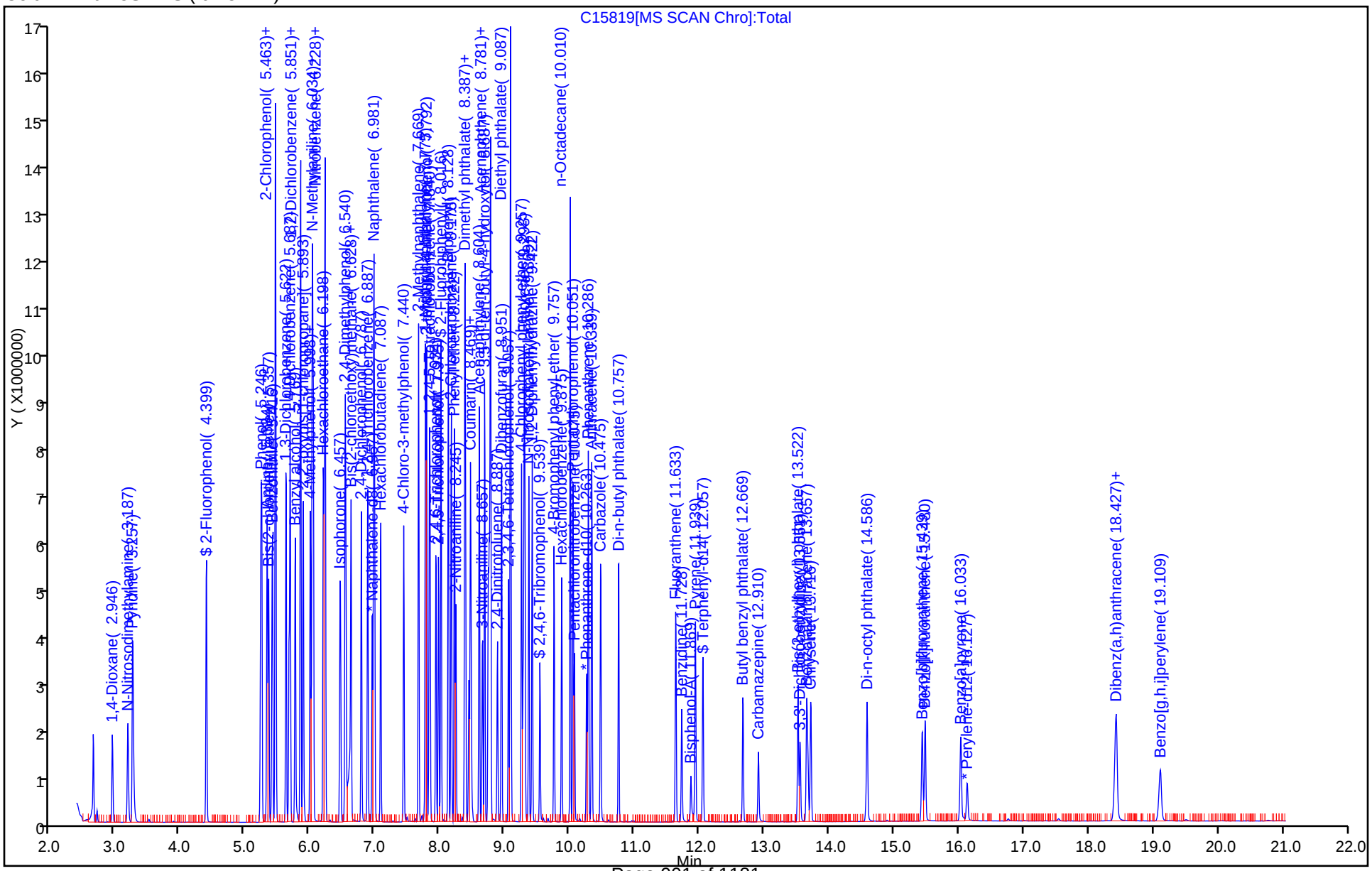
Report Date: 10-May-2015 13:11:01 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15819.D

Injection Date:	07-May-2015 13:17:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15820.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-May-2015 13:46:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-005
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:04 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 14:28:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.940	2.946	-0.006	97	180089	4.00	3.95	
	2 N-Nitrosodimethylamine	74	3.181	3.181	0.000	83	275538	4.00	3.96	
	3 Pyridine	79	3.257	3.257	0.000	84	460555	4.00	3.96	
$	4 2-Fluorophenol	112	4.393	4.393	0.001	94	410158	4.00	3.91	
$	6 Phenol-d5	99	5.222	5.228	-0.006	90	494387	4.00	3.97	
	7 Phenol	94	5.240	5.245	-0.005	99	534341	4.00	3.99	
	8 Aniline	93	5.328	5.328	0.000	99	687493	4.00	3.96	
	9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	95	492723	4.00	3.80	
	125 Benzonitrile	103	5.404	5.410	-0.006	98	840767	NC	NC	
	11 n-Decane	43	5.457	5.457	0.000	96	631239	4.00	3.96	
	10 2-Chlorophenol	128	5.463	5.463	0.000	94	441025	4.00	3.95	
	12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	95	487013	4.00	3.93	
*	13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	603776	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	96	497549	4.00	3.97	
	15 Benzyl alcohol	108	5.757	5.763	-0.006	94	242047	4.00	3.85	
	17 2-Methylphenol	108	5.845	5.845	0.000	90	391841	4.00	3.93	
	16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	95	459368	4.00	3.96	
	18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	807481	4.00	3.90	
	21 4-Methylphenol	108	5.987	5.992	-0.005	94	402183	4.00	3.93	
	22 3 & 4 Methylphenol	108	5.987	5.992	-0.005	68	404054	4.00	3.94	
	20 N-Nitrosodi-n-propylamine	70	6.016	6.022	-0.006	92	288492	4.00	3.96	
	126 N-Methylaniline	106	6.028	6.028	0.000	79	655339	NC	NC	
	19 Acetophenone	105	6.040	6.039	0.001	96	556988	4.00	3.98	
	24 Hexachloroethane	117	6.198	6.198	0.000	90	197760	4.00	3.96	
$	25 Nitrobenzene-d5	82	6.204	6.204	0.000	89	445570	4.00	3.99	
	27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	690819	4.00	4.19	
	26 Nitrobenzene	77	6.222	6.228	-0.006	90	593898	4.00	4.13	
	28 Isophorone	82	6.445	6.451	-0.006	99	692043	4.00	3.98	
	30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	367292	4.00	3.76	
	29 2-Nitrophenol	139	6.545	6.545	0.000	94	208271	4.00	4.02	
	32 Benzoic acid	122	6.569	6.598	-0.029	93	200324	4.00	4.33	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	473807	4.00	3.96	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	300110	4.00	3.97	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	337646	4.00	4.02	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2189083	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	1232814	4.00	4.06	
37 4-Chloroaniline	127	6.987	6.986	0.001	96	656005	4.00	4.04	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	92	172854	4.00	3.97	
40 4-Chloro-3-methylphenol	107	7.434	7.439	-0.005	97	279659	4.00	3.87	
41 2-Methylnaphthalene	142	7.663	7.669	-0.006	85	741028	4.00	3.98	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	92	696808	4.00	4.03	
45 2-tertbutyl-4-methylphenol	149	7.787	7.792	-0.006	92	506738	4.00	4.24	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	96	183692	4.00	3.98	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	95	285536	4.00	3.90	
46 2,4,6-Trichlorophenol	196	7.934	7.933	0.001	87	186133	4.00	4.01	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	198198	4.00	3.95	
$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	706906	4.00	3.89	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	95	833841	4.00	3.98	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	640703	4.00	3.93	
53 Phenyl ether	170	8.222	8.222	0.000	87	438325	4.00	4.16	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	219333	4.00	4.00	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	93	546473	4.00	4.20	
56 Dimethyl phthalate	163	8.386	8.392	-0.006	98	589567	4.00	3.92	
58 2,6-Dinitrotoluene	165	8.463	8.469	-0.006	94	140550	4.00	4.03	
57 Coumarin	146	8.469	8.475	-0.006	83	228618	4.00	4.17	
59 Acenaphthylene	152	8.598	8.604	-0.006	97	939328	4.00	3.94	
60 3-Nitroaniline	138	8.645	8.651	-0.006	96	163887	4.00	3.89	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	537540	4.00	4.09	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	995075	8.00	8.00	
64 2,4-Dinitrophenol	184	8.751	8.757	-0.006	89	149574	8.00	7.81	
65 4-Nitrophenol	65	8.763	8.775	-0.012	89	218541	8.00	7.59	
62 Acenaphthene	154	8.775	8.780	-0.005	95	603759	4.00	3.81	
67 2,4-Dinitrotoluene	165	8.881	8.880	0.001	96	166060	4.00	3.88	
66 Dibenzofuran	168	8.945	8.945	0.000	96	814383	4.00	3.93	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	128647	4.00	3.84	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	572951	4.00	3.93	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	276171	4.00	3.89	
72 4-Nitroaniline	138	9.269	9.275	-0.006	92	140969	4.00	3.82	
70 Fluorene	166	9.292	9.298	-0.006	96	628566	4.00	3.94	
73 4,6-Dinitro-2-methylphenol	198	9.304	9.310	-0.006	84	165789	8.00	7.94	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	68	443441	4.00	4.01	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	685186	4.00	3.86	
$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	93	71699	4.00	3.80	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	83	150286	4.00	3.90	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	156759	4.00	3.99	
82 n-Octadecane	57	10.004	10.010	-0.006	94	525428	4.00	3.79	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	180237	8.00	7.78	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	60285	4.00	4.21	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1254661	8.00	8.00	
84 Phenanthrene	178	10.286	10.286	0.000	98	777622	4.00	4.04	
85 Anthracene	178	10.339	10.339	0.000	98	788768	4.00	4.01	
86 Carbazole	167	10.475	10.474	0.001	96	638653	4.00	3.96	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	747834	4.00	3.93	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	548686	4.00	3.96	
122 Benzidine	184	11.727	11.727	0.000	100	249699	4.00	3.97	
123 Bisphenol-A	213	11.869	11.868	0.001	0	56188	4.00	3.61	
90 Pyrene	202	11.933	11.939	-0.006	96	532640	4.00	3.64	
$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	98	319357	4.00	3.36	
92 Butyl benzyl phthalate	149	12.669	12.674	-0.005	97	180006	4.00	3.80	
93 Carbamazepine	193	12.904	12.910	-0.006	92	94980	4.00	3.97	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	91	209342	4.00	4.00	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	99	105192	4.00	4.09	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	100	292201	4.00	3.90	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	488585	8.00	8.00	
97 Chrysene	228	13.716	13.715	0.001	98	282719	4.00	3.99	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	321911	4.00	3.76	
100 Benzo[b]fluoranthene	252	15.433	15.433	0.000	97	250015	4.00	4.04	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	98	276020	4.00	4.06	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	96	247269	4.00	4.06	
* 103 Perylene-d12	264	16.127	16.133	-0.006	97	443457	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.403	18.409	-0.006	97	296040	4.00	3.94	
105 Dibenz(a,h)anthracene	278	18.415	18.427	-0.012	93	243452	4.00	3.90	
106 Benzo[g,h,i]perylene	276	19.092	19.103	-0.011	94	251537	4.00	3.88	
S 119 Total Cresols	1				0			7.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL5_00014 Amount Added: 1.00 Units: mL

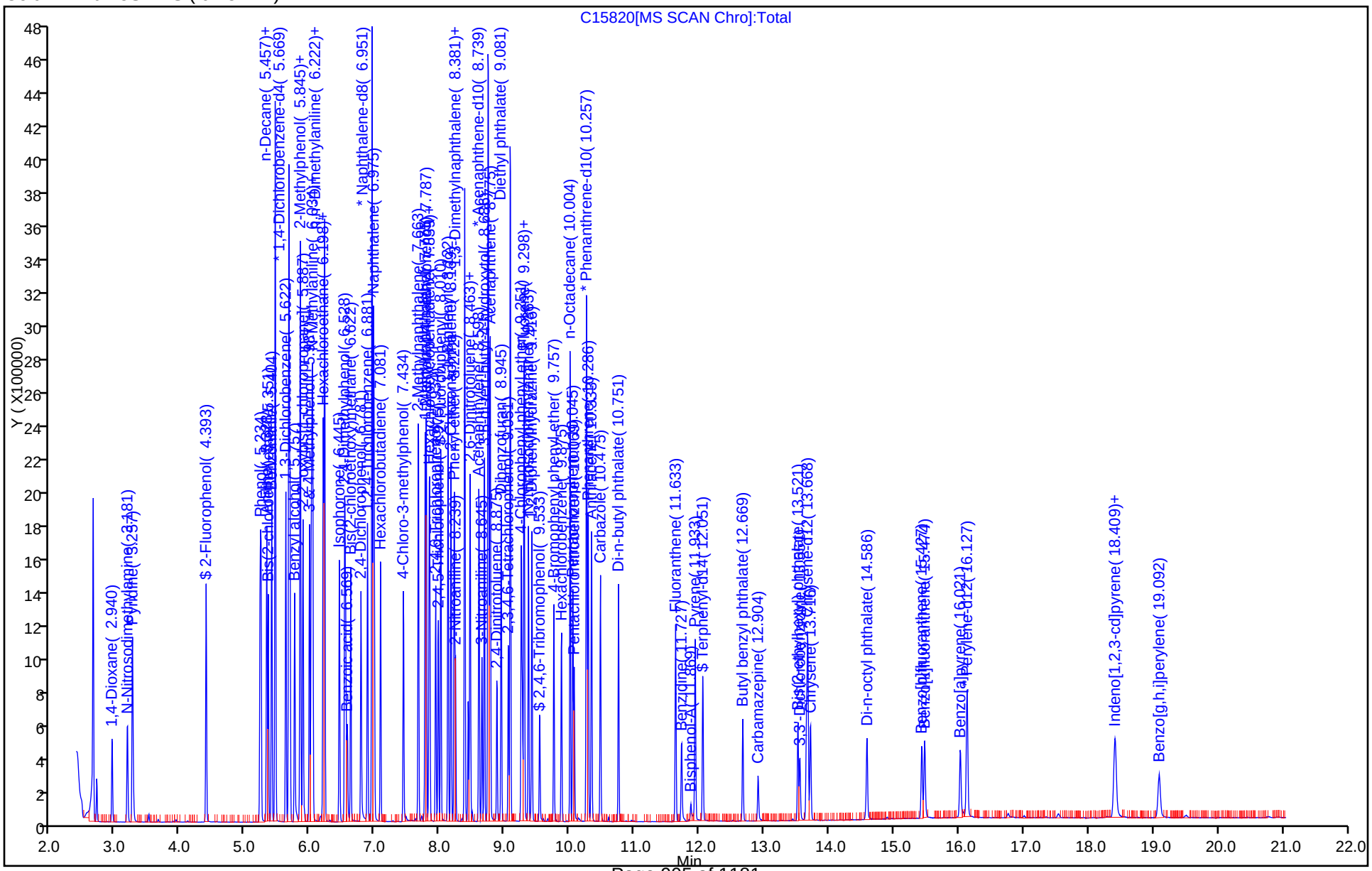
Report Date: 10-May-2015 13:11:06 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15820.D

Injection Date:	07-May-2015 13:46:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15821.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-May-2015 14:16:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-006
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:09 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 14:52:23

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.963	2.946	0.017	97	100778	2.00	2.04	
	2 N-Nitrosodimethylamine	74	3.193	3.181	0.012	82	150620	2.00	2.00	
	3 Pyridine	79	3.275	3.257	0.018	84	250005	2.00	1.99	
$	4 2-Fluorophenol	112	4.398	4.393	0.006	95	232376	2.00	2.05	
$	6 Phenol-d5	99	5.228	5.228	0.000	97	275505	2.00	2.05	
	7 Phenol	94	5.240	5.245	-0.005	98	290041	2.00	2.00	
	8 Aniline	93	5.328	5.328	0.000	99	368222	2.00	1.96	
	9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	96	289422	2.00	2.06	
	125 Benzonitrile	103	5.404	5.410	-0.006	98	430296	NC	NC	
	11 n-Decane	43	5.457	5.457	0.000	95	355989	2.00	2.06	
	10 2-Chlorophenol	128	5.463	5.463	0.000	95	243544	2.00	2.01	
	12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	96	273319	2.00	2.04	
*	13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	653444	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	96	277407	2.00	2.05	
	15 Benzyl alcohol	108	5.757	5.763	-0.006	93	122854	2.00	1.81	
	17 2-Methylphenol	108	5.845	5.845	0.000	91	221815	2.00	2.05	
	16 1,2-Dichlorobenzene	146	5.845	5.845	0.000	94	259011	2.00	2.06	
	18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	456712	2.00	2.04	
	21 4-Methylphenol	108	5.987	5.992	-0.005	94	217778	2.00	1.97	
	22 3 & 4 Methylphenol	108	5.987	5.992	-0.005	67	217889	2.00	1.96	
	20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	91	161022	2.00	2.04	
	126 N-Methylaniline	106	6.028	6.028	0.000	79	336634	NC	NC	
	19 Acetophenone	105	6.040	6.039	0.001	97	308107	2.00	2.04	
	24 Hexachloroethane	117	6.198	6.198	0.000	89	110583	2.00	2.05	
$	25 Nitrobenzene-d5	82	6.204	6.204	0.000	88	247935	2.00	2.02	
	27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	348922	2.00	1.95	
	26 Nitrobenzene	77	6.222	6.228	-0.006	92	321846	2.00	2.04	
	28 Isophorone	82	6.445	6.451	-0.006	99	380974	2.00	2.00	
	30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	208827	2.00	1.95	
	29 2-Nitrophenol	139	6.545	6.545	0.000	93	113035	2.00	1.99	
	32 Benzoic acid	122	6.557	6.598	-0.041	89	82611	2.00	1.63	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	266420	2.00	2.03	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	96	155815	2.00	1.88	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	95	190557	2.00	2.07	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2402367	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	693773	2.00	2.08	
37 4-Chloroaniline	127	6.987	6.986	0.000	96	360857	2.00	2.02	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	93	97115	2.00	2.03	
40 4-Chloro-3-methylphenol	107	7.434	7.439	-0.005	96	148694	2.00	1.88	
41 2-Methylnaphthalene	142	7.669	7.669	0.000	86	413693	2.00	2.03	
42 1-Methylnaphthalene	142	7.775	7.775	0.000	92	386774	2.00	2.04	
45 2-tertbutyl-4-methylphenol	149	7.786	7.792	-0.006	92	250515	2.00	1.91	
43 Hexachlorocyclopentadiene	237	7.834	7.833	0.001	96	98391	2.00	1.93	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	97	163223	2.00	2.02	
46 2,4,6-Trichlorophenol	196	7.934	7.933	0.001	87	102658	2.00	2.01	
47 2,4,5-Trichlorophenol	196	7.975	7.975	0.000	95	108180	2.00	1.95	
$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	400265	2.00	2.00	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	96	463380	2.00	2.01	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	360461	2.00	2.00	
53 Phenyl ether	170	8.222	8.222	0.000	87	223453	2.00	1.92	
54 2-Nitroaniline	65	8.239	8.239	0.000	98	118889	2.00	1.96	
55 1,3-Dimethylnaphthalene	156	8.381	8.380	0.001	92	275976	2.00	1.92	
56 Dimethyl phthalate	163	8.381	8.392	-0.011	98	333052	2.00	2.01	
58 2,6-Dinitrotoluene	165	8.463	8.469	-0.006	95	78233	2.00	2.03	
57 Coumarin	146	8.463	8.475	-0.012	81	118251	2.00	1.97	
59 Acenaphthylene	152	8.598	8.604	-0.006	97	528918	2.00	2.01	
60 3-Nitroaniline	138	8.645	8.651	-0.006	96	90621	2.00	1.95	
63 3,5-di-tert-butyl-4-hydrox	205	8.686	8.686	0.000	99	271933	2.00	1.87	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	95	1098405	8.00	8.00	
64 2,4-Dinitrophenol	184	8.751	8.757	-0.006	92	78653	4.00	3.72	
65 4-Nitrophenol	65	8.763	8.775	-0.012	90	125525	4.00	3.95	
62 Acenaphthene	154	8.775	8.780	-0.005	95	341407	2.00	1.95	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	95	93305	2.00	2.00	
66 Dibenzofuran	168	8.945	8.945	0.000	96	461036	2.00	2.02	
68 2,3,4,6-Tetrachlorophenol	232	9.057	9.057	0.000	90	71032	2.00	1.92	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	329094	2.00	2.05	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	155410	2.00	1.98	
72 4-Nitroaniline	138	9.269	9.275	-0.006	93	84892	2.00	2.08	
70 Fluorene	166	9.292	9.298	-0.006	96	358054	2.00	2.03	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	77	91261	4.00	3.76	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	68	239022	2.00	1.86	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	394638	2.00	1.91	
$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	94	39974	2.00	1.92	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	84	84437	2.00	1.89	
78 Hexachlorobenzene	284	9.875	9.875	0.001	99	91067	2.00	1.99	
82 n-Octadecane	57	10.004	10.010	-0.006	94	294762	2.00	1.83	
121 Pentachlorophenol	266	10.051	10.051	0.000	92	100344	4.00	3.73	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	31088	2.00	1.87	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1457495	8.00	8.00	
84 Phenanthrene	178	10.280	10.286	-0.006	97	463090	2.00	2.07	
85 Anthracene	178	10.333	10.339	-0.006	98	467770	2.00	2.05	
86 Carbazole	167	10.475	10.474	0.000	96	401699	2.00	2.14	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	463625	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	349316	2.00	2.17	
122 Benzidine	184	11.727	11.727	0.000	99	137122	2.00	1.88	
123 Bisphenol-A	213	11.933	11.868	0.065	0	822	2.00	1.98	
90 Pyrene	202	11.933	11.939	-0.006	96	343374	2.00	2.12	
$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	98	213003	2.00	2.00	
92 Butyl benzyl phthalate	149	12.668	12.674	-0.006	97	109695	2.00	2.11	
93 Carbamazepine	193	12.904	12.910	-0.006	92	40831	2.00	1.92	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	90	111388	2.00	1.94	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	98	48117	2.00	1.75	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	160752	2.00	1.95	
* 96 Chrysene-d12	240	13.674	13.674	0.000	98	536602	8.00	8.00	
97 Chrysene	228	13.710	13.715	-0.005	99	157539	2.00	2.03	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	144215	2.00	1.81	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	116177	2.00	2.02	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	97	129190	2.00	2.05	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	95	112717	2.00	1.99	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	411783	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.403	18.409	-0.006	97	140480	2.00	2.01	
105 Dibenz(a,h)anthracene	278	18.415	18.427	-0.012	93	117358	2.00	2.02	
106 Benzo[g,h,i]perylene	276	19.086	19.103	-0.017	95	123798	2.00	2.06	
S 119 Total Cresols	1				0			4.02	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00026 Amount Added: 1.00 Units: mL

Report Date: 10-May-2015 13:11:11 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15821.D

Injection Date: 07-May-2015 14:16:30 Instrument ID: CBNAMS13 Operator ID:

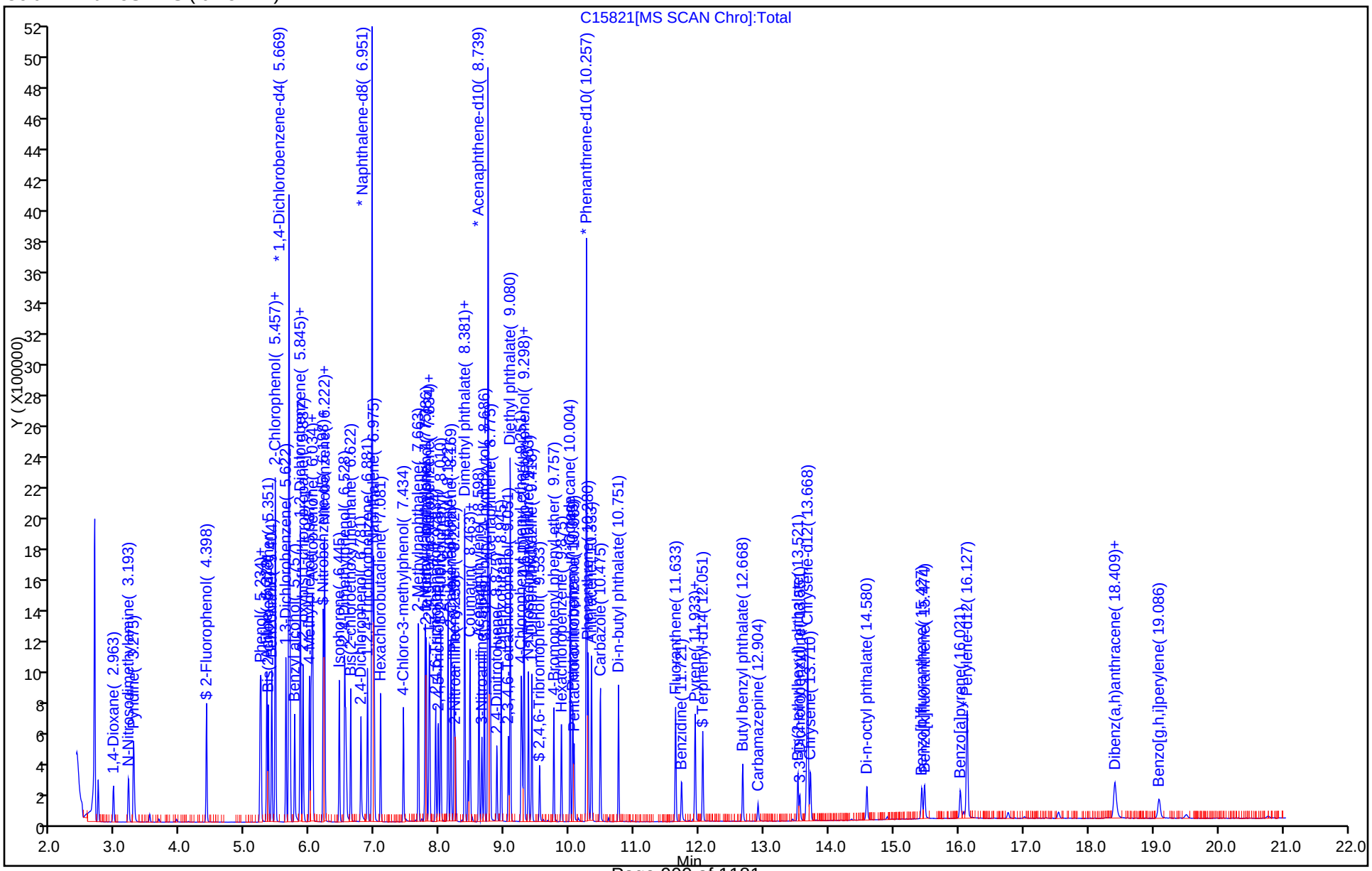
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 10-May-2015 13:11:15 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-May-2015 14:45:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-007
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:14 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 15:31:52

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.975	2.946	0.029	96	56714	1.00	1.03	
	2 N-Nitrosodimethylamine	74	3.204	3.181	0.023	83	85176	1.00	1.02	
	3 Pyridine	79	3.287	3.257	0.030	84	138138	1.00	0.9858	
$	4 2-Fluorophenol	112	4.398	4.393	0.006	97	130688	1.00	1.04	
$	6 Phenol-d5	99	5.228	5.228	0.000	96	149154	1.00	1.00	
	7 Phenol	94	5.240	5.245	-0.005	99	165283	1.00	1.02	
	8 Aniline	93	5.328	5.328	0.000	99	211853	1.00	1.01	
	9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	96	174805	1.00	1.12	
	125 Benzonitrile	103	5.404	5.410	-0.006	99	248236	NC	NC	
	11 n-Decane	43	5.457	5.457	0.000	96	208124	1.00	1.08	
	10 2-Chlorophenol	128	5.463	5.463	0.000	95	141744	1.00	1.05	
	12 1,3-Dichlorobenzene	146	5.622	5.622	0.000	96	158871	1.00	1.06	
*	13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	727179	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.687	5.687	0.000	83	160278	1.00	1.06	
	15 Benzyl alcohol	108	5.757	5.763	-0.006	93	58813	1.00	0.7771	
	17 2-Methylphenol	108	5.839	5.845	-0.006	90	124931	1.00	1.04	
	16 1,2-Dichlorobenzene	146	5.851	5.845	0.006	95	149544	1.00	1.07	
	18 2,2'-oxybis[1-chloropropan	45	5.887	5.887	0.000	94	264211	1.00	1.06	
	21 4-Methylphenol	108	5.987	5.992	-0.006	95	124531	1.00	1.01	
	22 3 & 4 Methylphenol	108	5.987	5.992	-0.006	68	124870	1.00	1.01	
	20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	91	92953	1.00	1.06	
	126 N-Methylaniline	106	6.028	6.028	0.000	79	190514	NC	NC	
	19 Acetophenone	105	6.034	6.039	-0.005	97	176699	1.00	1.05	
	24 Hexachloroethane	117	6.198	6.198	0.000	90	65020	1.00	1.08	
$	25 Nitrobenzene-d5	82	6.204	6.204	0.000	88	138164	1.00	1.01	
	27 n,n'-Dimethylaniline	120	6.216	6.222	-0.006	93	197819	1.00	1.00	
	26 Nitrobenzene	77	6.222	6.228	-0.006	92	180658	1.00	1.03	
	28 Isophorone	82	6.445	6.451	-0.006	99	221687	1.00	1.04	
	30 2,4-Dimethylphenol	122	6.528	6.534	-0.006	91	147931	1.00	1.24	
	29 2-Nitrophenol	139	6.545	6.545	0.000	92	63639	1.00	1.01	
	32 Benzoic acid	122	6.539	6.598	-0.059	1	42800	1.00	0.7592	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Bis(2-chloroethoxy)methane	93	6.622	6.628	-0.006	98	153136	1.00	1.05	
33 2,4-Dichlorophenol	162	6.781	6.781	0.000	95	89570	1.00	0.9705	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	110171	1.00	1.07	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2670236	8.00	8.00	
36 Naphthalene	128	6.975	6.975	0.000	98	399847	1.00	1.08	
37 4-Chloroaniline	127	6.981	6.986	-0.005	96	207846	1.00	1.05	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	93	57244	1.00	1.08	
40 4-Chloro-3-methylphenol	107	7.433	7.439	-0.006	96	84027	1.00	0.9540	
41 2-Methylnaphthalene	142	7.663	7.669	-0.006	86	243103	1.00	1.07	
42 1-Methylnaphthalene	142	7.769	7.775	-0.006	93	224297	1.00	1.06	
45 2-tertbutyl-4-methylphenol	149	7.786	7.792	-0.006	92	134937	1.00	0.9247	
43 Hexachlorocyclopentadiene	237	7.828	7.833	-0.005	96	55517	1.00	0.99	
44 1,2,4,5-Tetrachlorobenzene	216	7.839	7.845	-0.006	97	95106	1.00	1.07	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	88	57953	1.00	1.03	
47 2,4,5-Trichlorophenol	196	7.969	7.975	-0.006	95	59294	1.00	0.9774	
$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	225831	1.00	1.03	
49 1,1'-Biphenyl	154	8.122	8.128	-0.006	95	269354	1.00	1.06	
50 2-Chloronaphthalene	162	8.169	8.175	-0.006	97	210542	1.00	1.07	
53 Phenyl ether	170	8.216	8.222	-0.006	89	124320	1.00	0.9760	
54 2-Nitroaniline	65	8.233	8.239	-0.006	98	66004	1.00	1.00	
55 1,3-Dimethylnaphthalene	156	8.375	8.380	-0.005	92	156774	1.00	1.00	
56 Dimethyl phthalate	163	8.380	8.392	-0.012	98	190561	1.00	1.05	
58 2,6-Dinitrotoluene	165	8.457	8.469	-0.012	95	42049	1.00	1.00	
57 Coumarin	146	8.463	8.475	-0.012	82	64690	1.00	0.9678	
59 Acenaphthylene	152	8.598	8.604	-0.006	98	303010	1.00	1.05	
60 3-Nitroaniline	138	8.645	8.651	-0.006	97	51231	1.00	1.01	
63 3,5-di-tert-butyl-4-hydrox	205	8.680	8.686	-0.006	98	148662	1.00	0.9348	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	95	1203541	8.00	8.00	
64 2,4-Dinitrophenol	184	8.745	8.757	-0.012	91	38903	2.00	1.68	
65 4-Nitrophenol	65	8.763	8.775	-0.012	89	69513	2.00	2.00	
62 Acenaphthene	154	8.775	8.780	-0.005	94	197330	1.00	1.03	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	94	51299	1.00	1.03	
66 Dibenzofuran	168	8.939	8.945	-0.006	96	263163	1.00	1.05	
68 2,3,4,6-Tetrachlorophenol	232	9.051	9.057	-0.006	91	39965	1.00	0.9855	
69 Diethyl phthalate	149	9.086	9.092	-0.006	98	186140	1.00	1.06	
71 4-Chlorophenyl phenyl ethe	204	9.251	9.257	-0.006	85	88166	1.00	1.03	
72 4-Nitroaniline	138	9.263	9.275	-0.012	96	44956	1.00	1.01	
70 Fluorene	166	9.292	9.298	-0.006	97	203111	1.00	1.05	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	80	53800	2.00	2.02	
74 N-Nitrosodiphenylamine	169	9.363	9.369	-0.006	67	131943	1.00	0.9356	
75 1,2-Diphenylhydrazine	77	9.416	9.422	-0.006	99	223254	1.00	0.9862	
$ 76 2,4,6-Tribromophenol	330	9.533	9.539	-0.006	92	22367	1.00	0.9805	
77 4-Bromophenyl phenyl ether	248	9.757	9.757	0.000	86	47872	1.00	0.9753	
78 Hexachlorobenzene	284	9.874	9.875	0.000	99	49276	1.00	0.9829	
82 n-Octadecane	57	10.004	10.010	-0.006	94	159854	1.00	0.9041	
121 Pentachlorophenol	266	10.051	10.051	0.000	91	53385	2.00	1.81	
81 Pentachloronitrobenzene	237	10.069	10.074	-0.005	86	16442	1.00	0.9014	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1599598	8.00	8.00	
84 Phenanthrene	178	10.280	10.286	-0.006	98	258623	1.00	1.05	
85 Anthracene	178	10.333	10.339	-0.006	98	266775	1.00	1.06	
86 Carbazole	167	10.474	10.474	0.000	96	228032	1.00	1.11	
87 Di-n-butyl phthalate	149	10.751	10.757	-0.006	100	260034	1.00	1.07	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Fluoranthene	202	11.633	11.633	0.000	97	204843	1.00	1.16	
122 Benzidine	184	11.727	11.727	0.000	99	57265	1.00	0.7136	
90 Pyrene	202	11.933	11.939	-0.006	96	200686	1.00	1.19	
$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	99	117453	1.00	1.02	
92 Butyl benzyl phthalate	149	12.668	12.674	-0.006	98	62806	1.00	1.14	
93 Carbamazepine	193	12.904	12.910	-0.006	92	20169	1.00	1.20	
98 Bis(2-ethylhexyl) phthalat	149	13.515	13.521	-0.006	91	56239	1.00	0.9206	
94 3,3'-Dichlorobenzidine	252	13.551	13.551	0.000	98	23931	1.00	0.8621	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	89348	1.00	1.02	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	570883	8.00	8.00	
97 Chrysene	228	13.710	13.715	-0.005	99	86258	1.00	1.04	
99 Di-n-octyl phthalate	149	14.586	14.586	0.000	97	59867	1.00	0.8727	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	98	53063	1.00	1.07	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	97	55166	1.00	1.01	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	95	49012	1.00	1.00	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	355152	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.392	18.409	-0.017	92	63175	1.00	1.05	
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	93	53125	1.00	1.06	
106 Benzo[g,h,i]perylene	276	19.086	19.103	-0.017	94	55092	1.00	1.06	
S 119 Total Cresols	1				0			2.05	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00019 Amount Added: 1.00 Units: mL

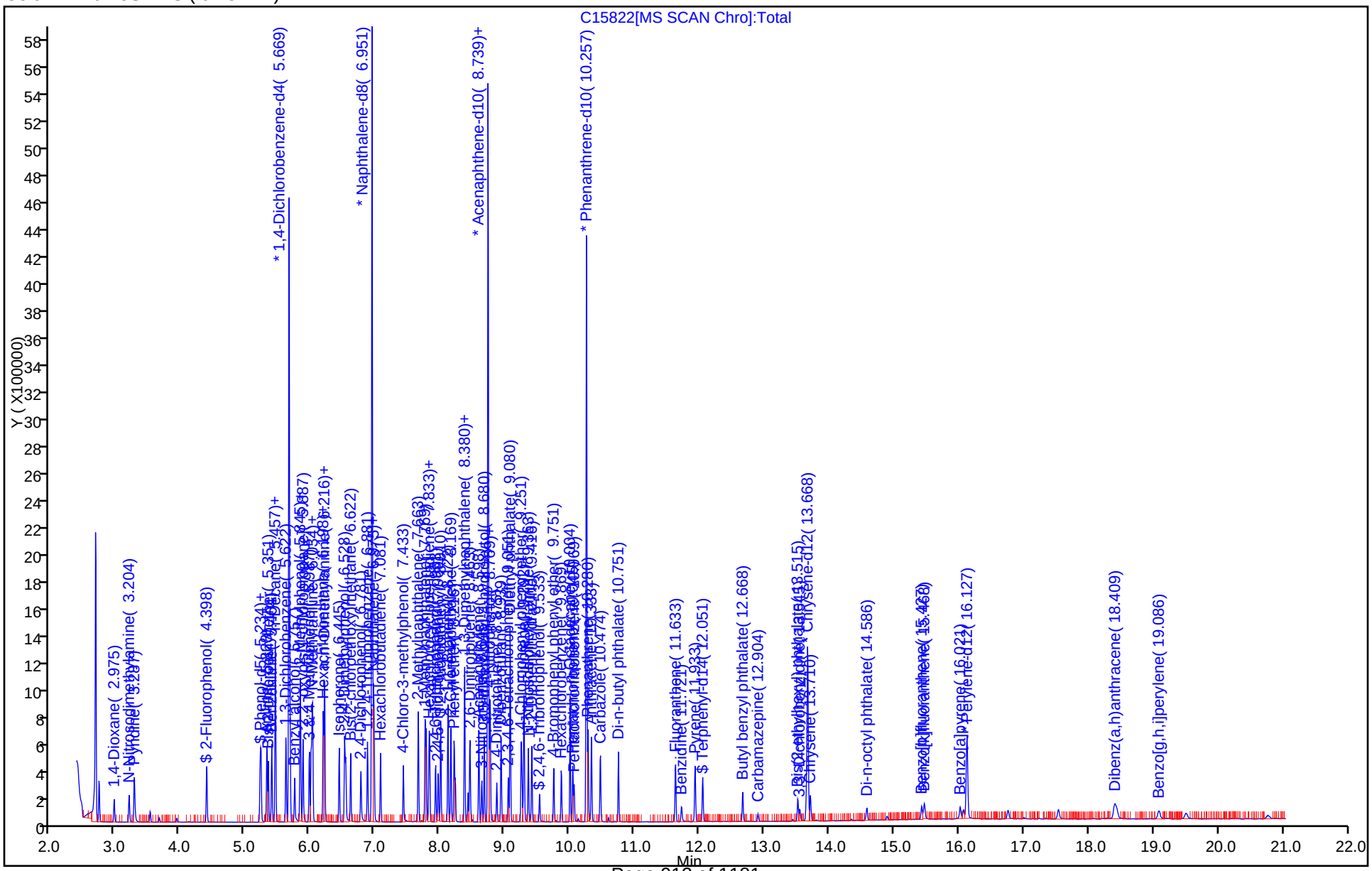
Report Date: 10-May-2015 13:11:16 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D

Injection Date:	07-May-2015 14:45:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

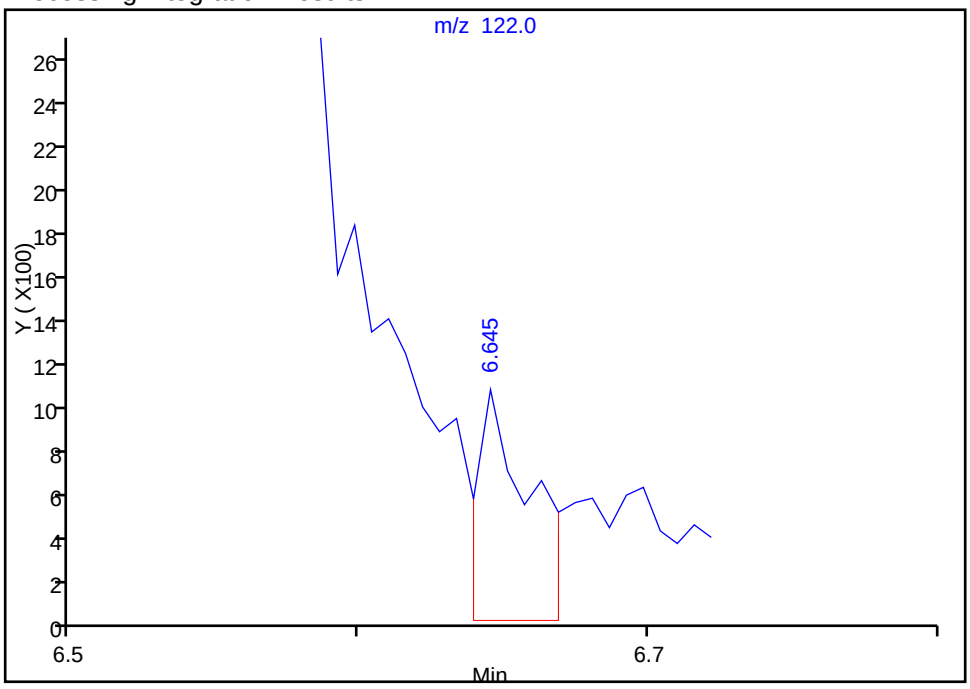
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15822.D				
Injection Date:	07-May-2015 14:45:30	Instrument ID:	CBNAMS13		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Benzoic acid, CAS: 65-85-0

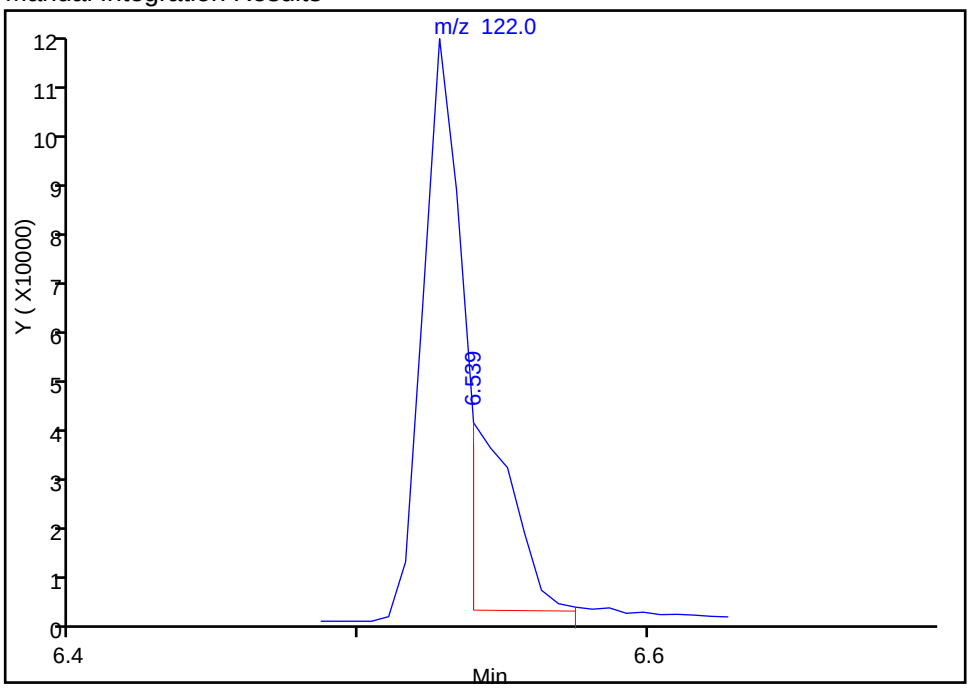
Processing Integration Results

RT: 6.65
Area: 1410
Amount: 0.864986
Amount Units: ug/ml



Manual Integration Results

RT: 6.54
Area: 42800
Amount: 0.759238
Amount Units: ug/ml



Reviewer: croccom, 07-May-2015 15:31:52
Audit Action: Manually Integrated
Audit Reason: Wrong peak

Report Date: 10-May-2015 13:11:21 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-May-2015 15:14:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-008
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:19 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 15:36:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	4.398	4.393	0.006	94	20628	0.2000	0.1766	
$ 6 Phenol-d5	99	5.222	5.228	-0.006	88	23185	0.2000	0.1672	
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	90	28764	0.2000	0.1992	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	98	673145	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	92	15888	0.2000	0.1955	
24 Hexachloroethane	117	6.198	6.198	0.000	91	10628	0.2000	0.1911	
$ 25 Nitrobenzene-d5	82	6.204	6.204	0.000	89	23341	0.2000	0.1804	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	31874	0.2000	0.1916	
28 Isophorone	82	6.445	6.451	-0.006	99	37849	0.2000	0.1880	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	19918	0.2000	0.2048	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	100	2533337	8.00	8.00	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	92	9803	0.2000	0.1946	
46 2,4,6-Trichlorophenol	196	7.933	7.933	0.000	84	9359	0.2000	0.1681	
$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	42029	0.2000	0.1928	
58 2,6-Dinitrotoluene	165	8.457	8.469	-0.012	92	6997	0.2000	0.1672	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	1194845	8.00	8.00	
67 2,4-Dinitrotoluene	165	8.875	8.880	-0.005	90	7479	0.2000	0.1987	
73 4,6-Dinitro-2-methylphenol	198	9.298	9.310	-0.012	77	9521	0.4000	0.3396	
$ 76 2,4,6-Tribromophenol	330	9.539	9.539	0.000	91	3993	0.2000	0.1763	
78 Hexachlorobenzene	284	9.874	9.875	0.000	98	10102	0.2000	0.1914	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1684417	8.00	8.00	
$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	97	24224	0.2000	0.1958	
98 Bis(2-ethylhexyl) phthalat	149	13.521	13.521	0.000	89	9740	0.2000	0.1499	
94 3,3'-Dichlorobenzidine	252	13.545	13.551	-0.006	96	4110	0.2000	0.2073	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	99	18240	0.2000	0.1956	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	607377	8.00	8.00	
97 Chrysene	228	13.715	13.715	0.000	99	16863	0.2000	0.1915	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	10516	0.2000	0.1873	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	98	12097	0.2000	0.1958	M
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	94	9925	0.2000	0.1792	
* 103 Perylene-d12	264	16.127	16.133	-0.006	96	402851	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
104 Indeno[1,2,3-cd]pyrene	276	18.397	18.409	-0.012	75	12321	0.2000	0.1806	M
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	86	10583	0.2000	0.1865	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00016 Amount Added: 1.00 Units: mL

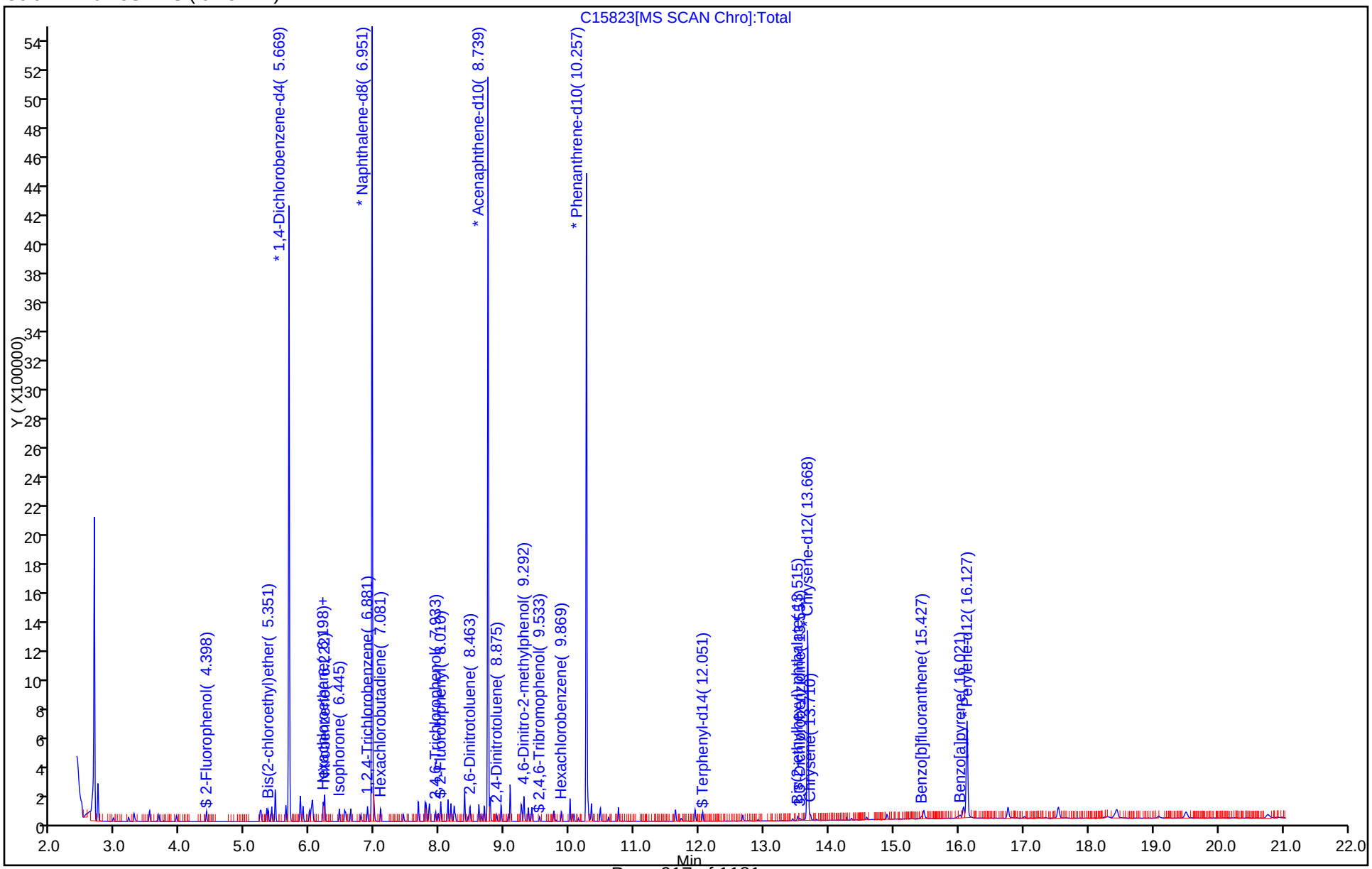
Report Date: 10-May-2015 13:11:21 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D

Injection Date:	07-May-2015 15:14:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

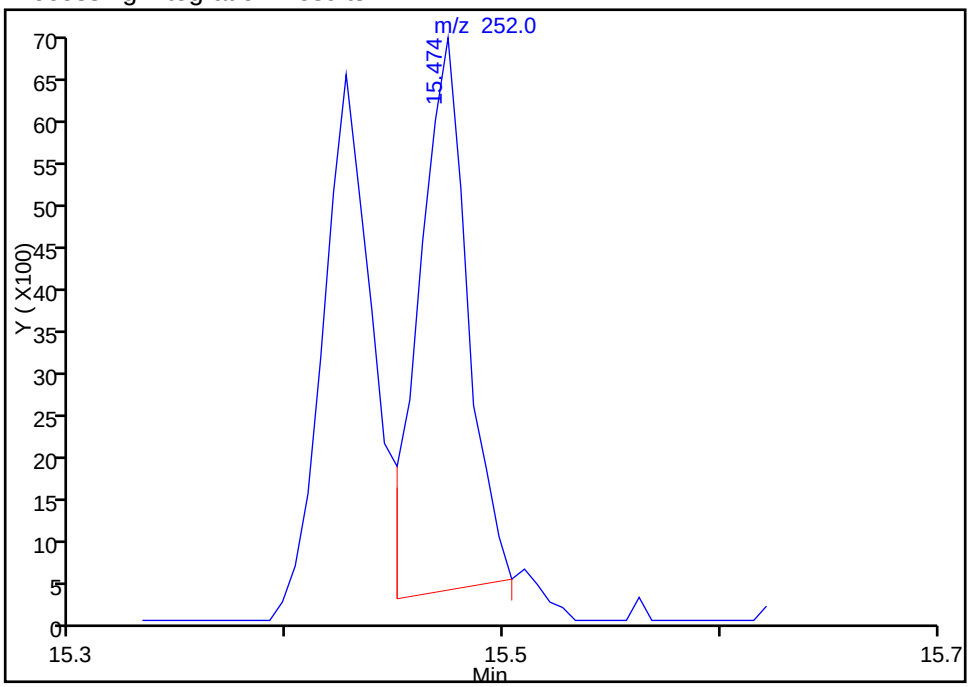
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D				
Injection Date:	07-May-2015 15:14:30	Instrument ID:	CBNAMS13		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[k]fluoranthene, CAS: 207-08-9

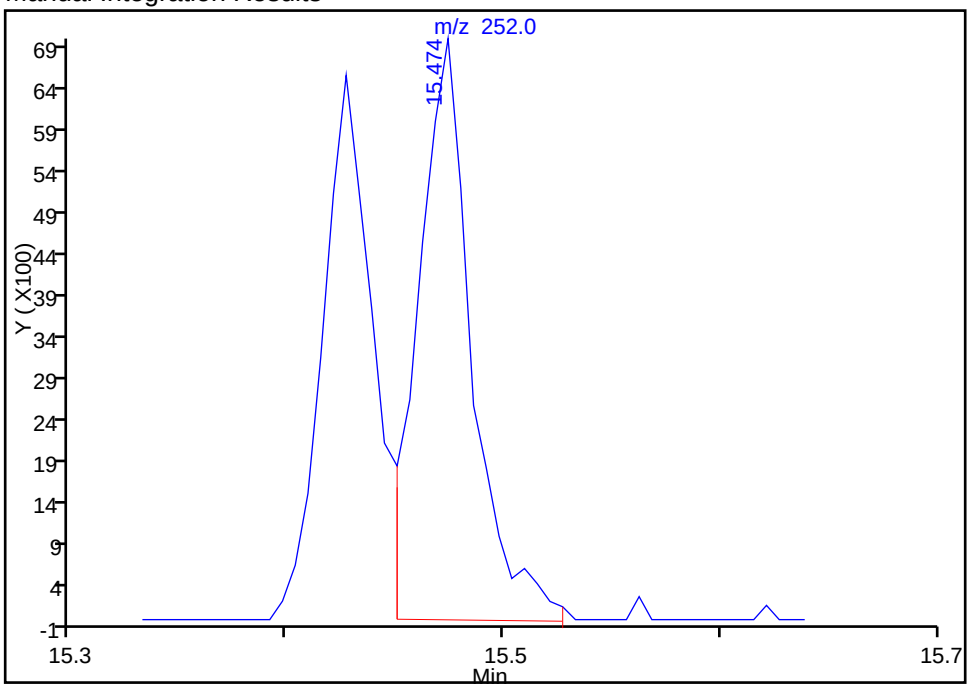
Processing Integration Results

RT: 15.47
Area: 10250
Amount: 0.169072
Amount Units: ug/ml



Manual Integration Results

RT: 15.47
Area: 12097
Amount: 0.195809
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:08:20
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

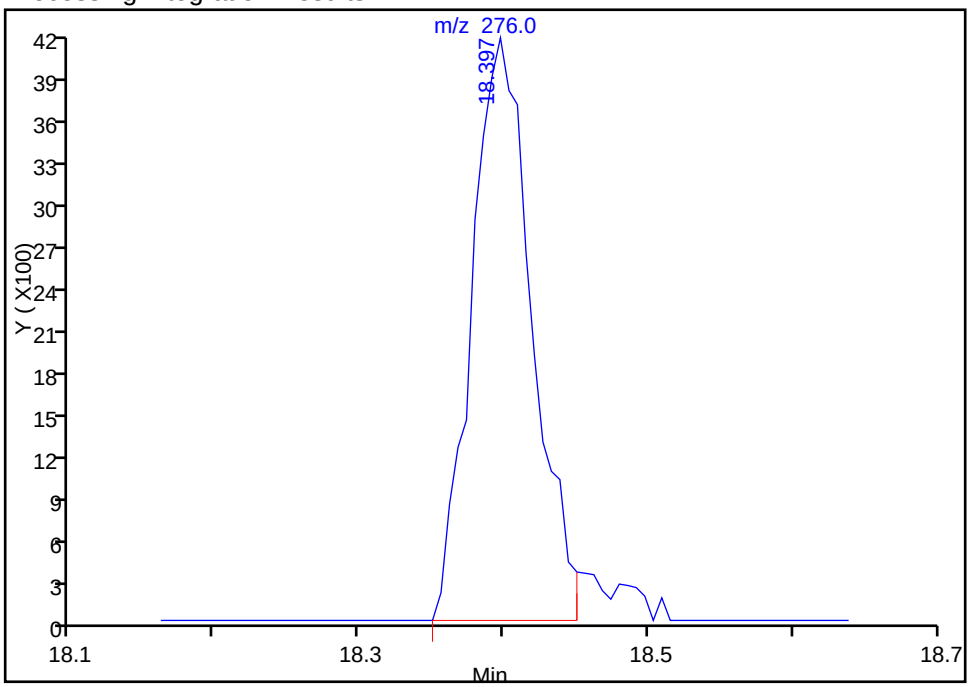
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D				
Injection Date:	07-May-2015 15:14:30	Instrument ID:	CBNAMS13		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

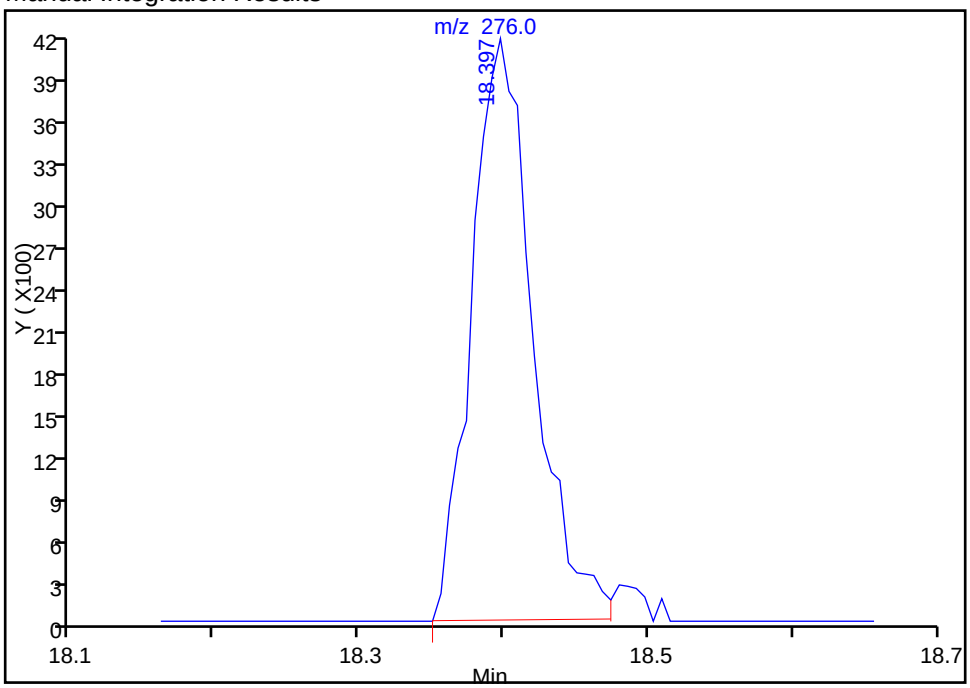
Processing Integration Results

RT: 18.40
Area: 12038
Amount: 0.183159
Amount Units: ug/ml



Manual Integration Results

RT: 18.40
Area: 12321
Amount: 0.180644
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:08:20
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

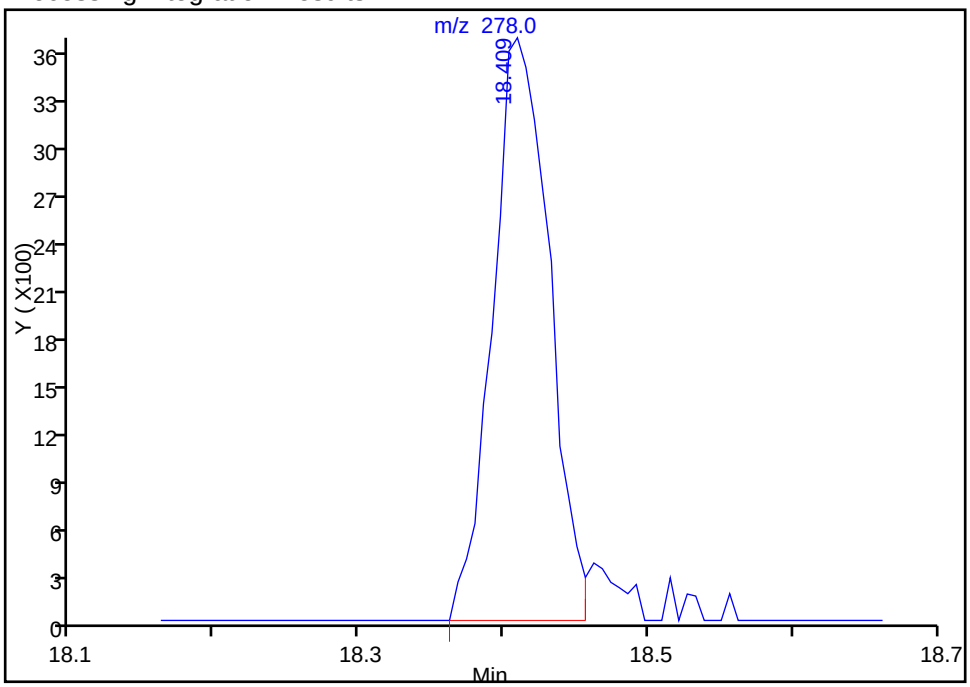
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15823.D				
Injection Date:	07-May-2015 15:14:30	Instrument ID:	CBNAMS13		
Lims ID:	STD02				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3

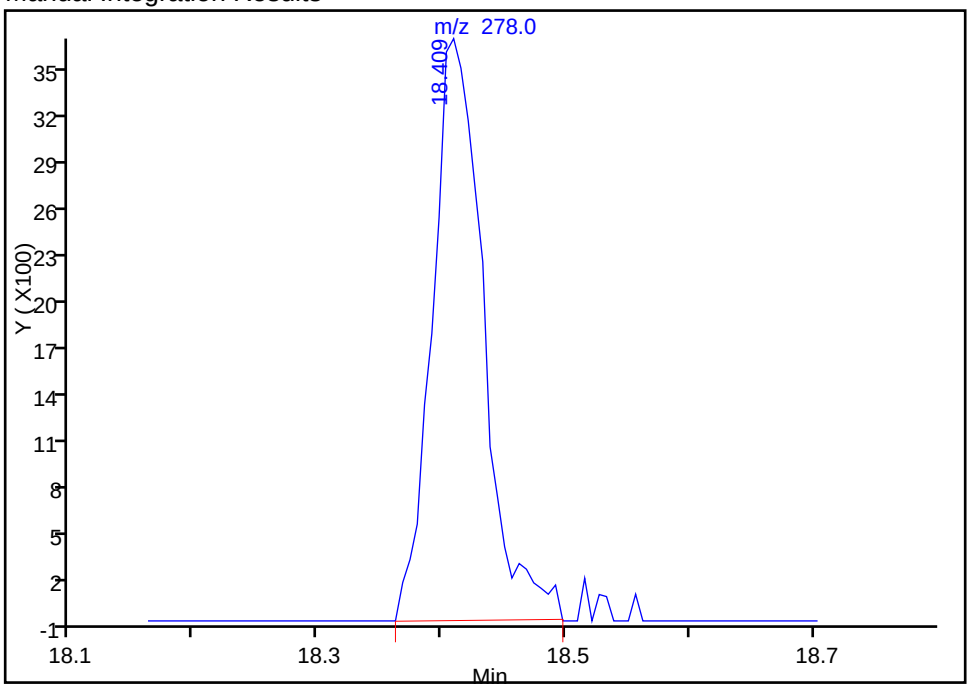
Processing Integration Results

RT: 18.41
Area: 10076
Amount: 0.185803
Amount Units: ug/ml



Manual Integration Results

RT: 18.41
Area: 10583
Amount: 0.186472
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:08:20
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-May-2015 15:43:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-009
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:11:25 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: bayoumiw Date: 07-May-2015 17:09:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	5.351	5.351	0.000	91	13693	0.1000	0.0978	
* 13 1,4-Dichlorobenzene-d4	152	5.669	5.669	0.000	97	652758	8.00	8.00	
20 N-Nitrosodi-n-propylamine	70	6.010	6.022	-0.012	86	6741	0.1000	0.0855	
24 Hexachloroethane	117	6.198	6.198	0.000	90	5007	0.1000	0.0928	
$ 25 Nitrobenzene-d5	82	6.198	6.204	-0.006	89	11765	0.1000	0.0977	
26 Nitrobenzene	77	6.222	6.228	-0.006	92	14707	0.1000	0.0950	
34 1,2,4-Trichlorobenzene	180	6.881	6.881	0.000	94	8672	0.1000	0.0958	
* 35 Naphthalene-d8	136	6.951	6.951	0.000	99	2357981	8.00	8.00	
38 Hexachlorobutadiene	225	7.081	7.086	-0.005	91	4577	0.1000	0.0976	
$ 48 2-Fluorobiphenyl	172	8.010	8.016	-0.006	98	19315	0.1000	0.0996	
* 61 Acenaphthene-d10	164	8.739	8.745	-0.006	94	1062946	8.00	8.00	
78 Hexachlorobenzene	284	9.875	9.875	0.000	95	4365	0.1000	0.0993	
* 83 Phenanthrene-d10	188	10.257	10.263	-0.006	99	1402289	8.00	8.00	
$ 91 Terphenyl-d14	244	12.051	12.057	-0.006	99	9083	0.1000	0.0962	
95 Benzo[a]anthracene	228	13.651	13.657	-0.006	97	7667	0.1000	0.1078	
* 96 Chrysene-d12	240	13.668	13.674	-0.006	98	463163	8.00	8.00	
100 Benzo[b]fluoranthene	252	15.427	15.433	-0.006	97	4172	0.1000	0.0759	
101 Benzo[k]fluoranthene	252	15.474	15.480	-0.006	58	5093	0.1000	0.0843	
102 Benzo[a]pyrene	252	16.021	16.027	-0.006	93	4914	0.1000	0.0907	
* 103 Perylene-d12	264	16.127	16.133	-0.006	99	394176	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	18.397	18.409	-0.012	69	5881	0.1000	0.0881	M
105 Dibenz(a,h)anthracene	278	18.409	18.427	-0.018	67	4768	0.1000	0.0859	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SM_BNAL1_00016 Amount Added: 1.00 Units: mL

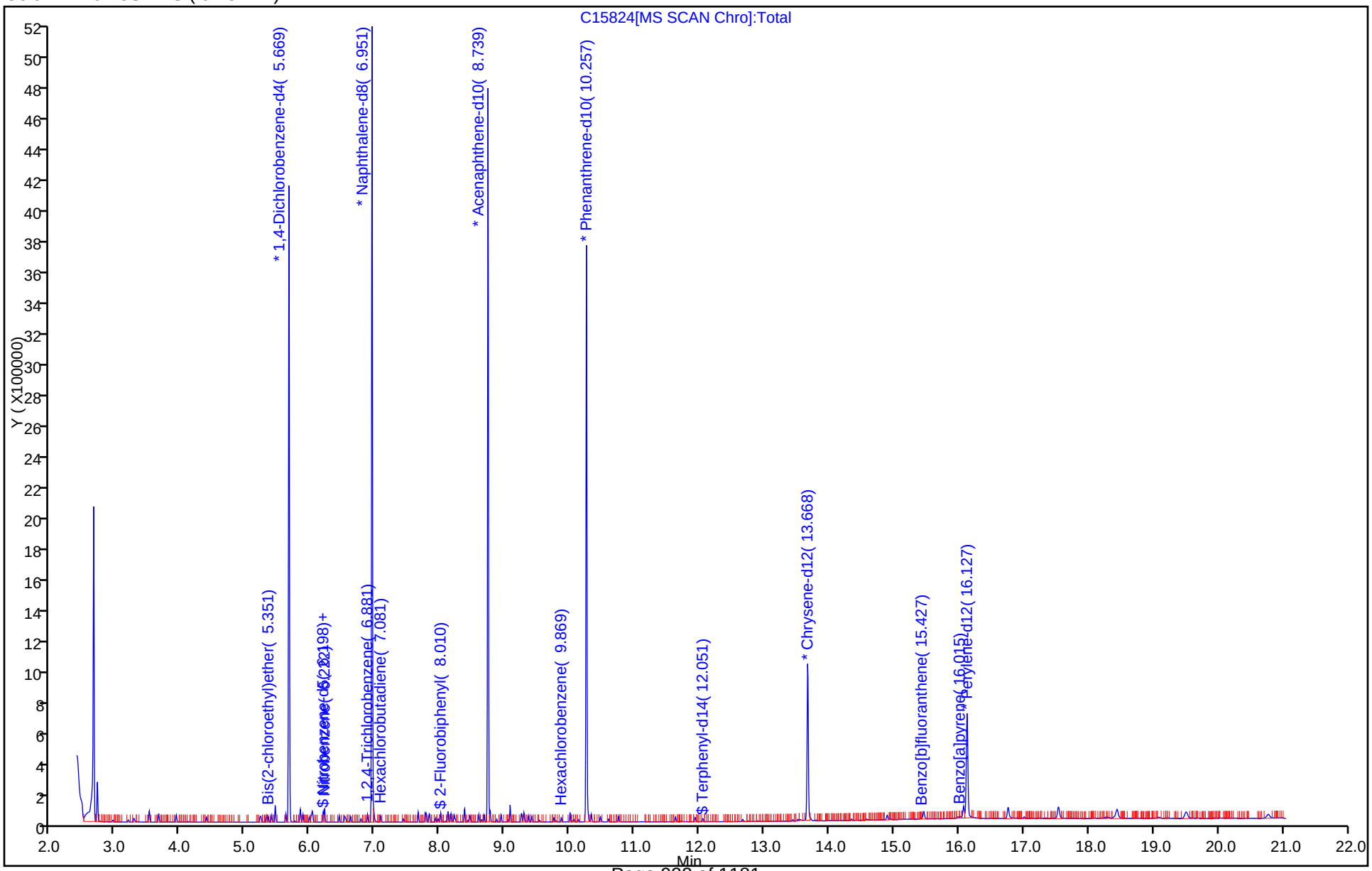
Report Date: 10-May-2015 13:11:27 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D

Injection Date:	07-May-2015 15:43:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

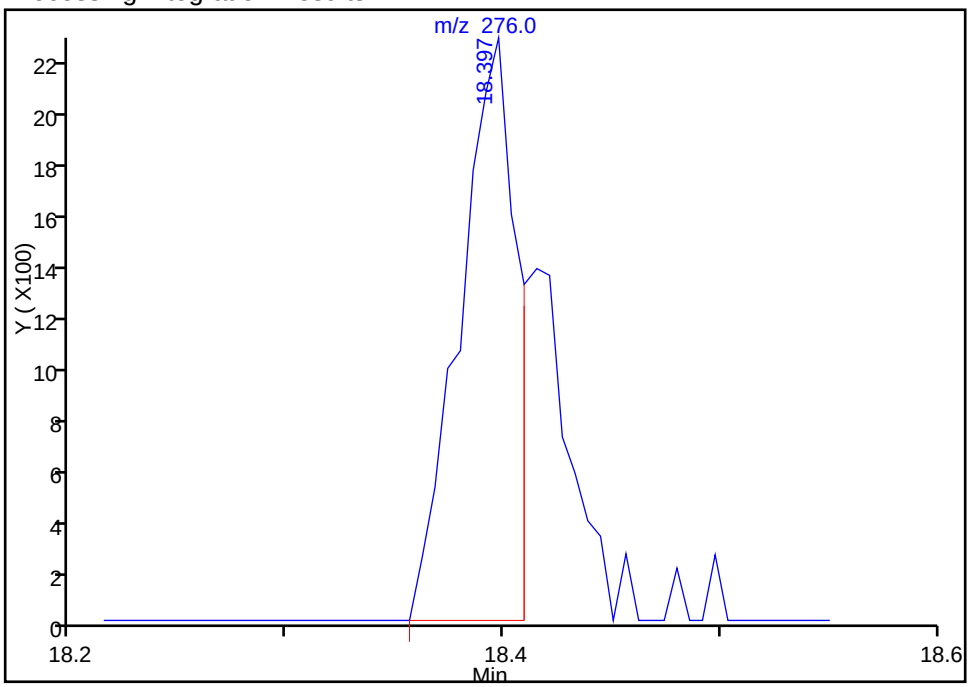
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D				
Injection Date:	07-May-2015 15:43:30	Instrument ID:	CBNAMS13		
Lims ID:	STD01				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

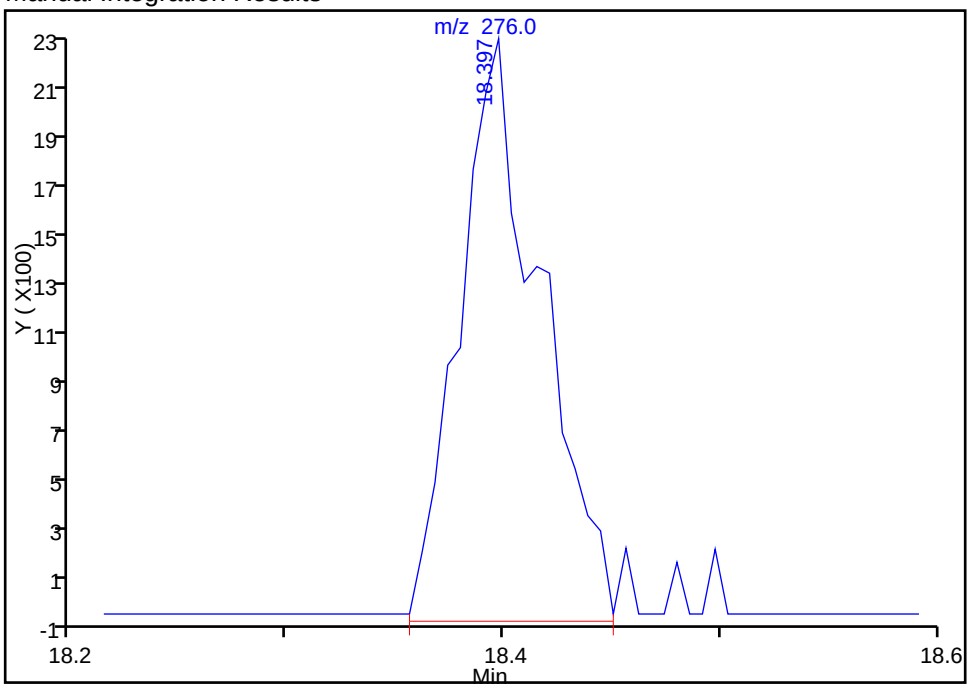
Processing Integration Results

RT: 18.40
Area: 4077
Amount: 0.063227
Amount Units: ug/ml



Manual Integration Results

RT: 18.40
Area: 5881
Amount: 0.088122
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:09:00
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

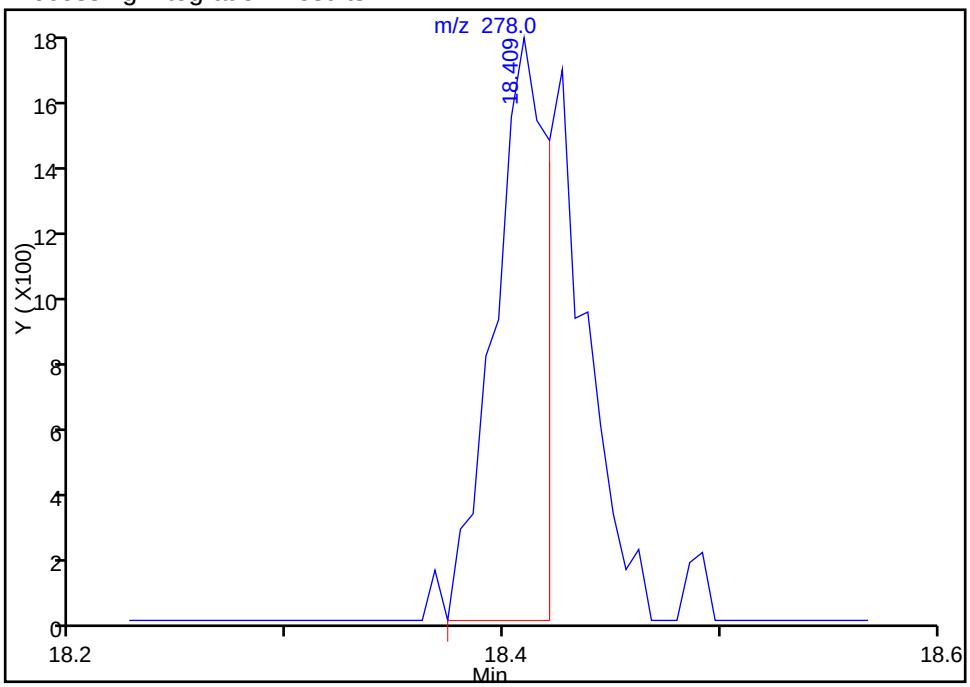
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15824.D				
Injection Date:	07-May-2015 15:43:30	Instrument ID:	CBNAMS13		
Lims ID:	STD01				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Dibenz(a,h)anthracene, CAS: 53-70-3

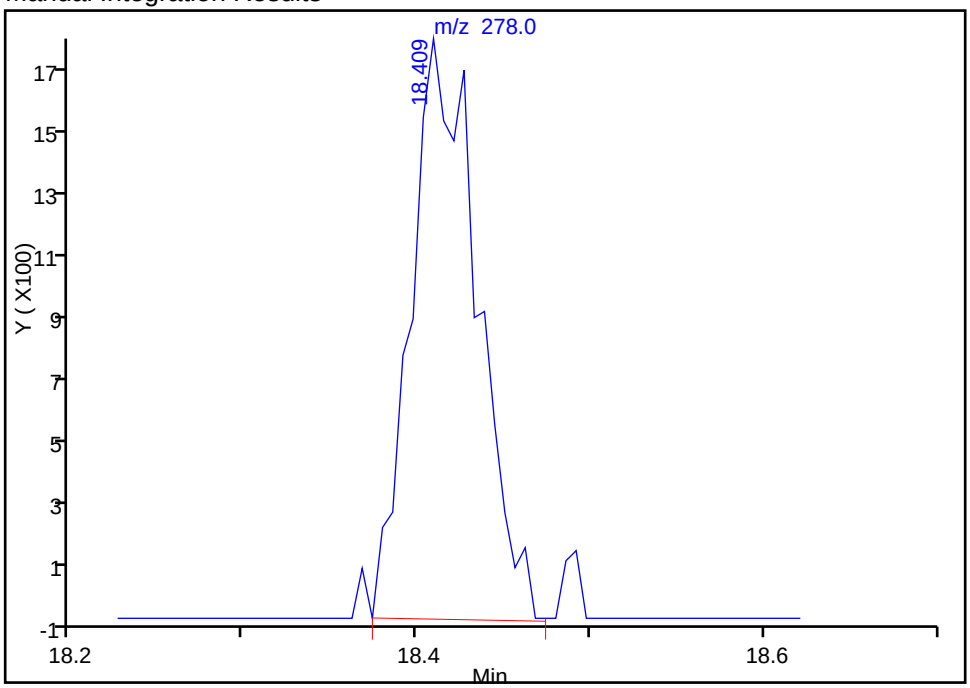
Processing Integration Results

RT: 18.41
Area: 3040
Amount: 0.056959
Amount Units: ug/ml



Manual Integration Results

RT: 18.41
Area: 4768
Amount: 0.085861
Amount Units: ug/ml



Reviewer: bayoumiw, 07-May-2015 17:09:00
Audit Action: Manually Integrated
Audit Reason: Baseline

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-297583/10	x1961.D
Level 2	STD1 460-297583/9	x1960.D
Level 3	STD2 460-297583/8	x1959.D
Level 4	STD5 460-297583/7	x1958.D
Level 5	STD10 460-297583/6	x1957.D
Level 6	STD20 460-297583/5	x1956.D
Level 7	ICIS 460-297583/2	x1953.D
Level 8	STD80 460-297583/4	x1955.D
Level 9	STD120 460-297583/3	x1954.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	0.6235	0.6828	0.7159	0.6684 0.6868	0.6525	Ave		0.6716				4.7		20.0			
N-Nitrosodimethylamine	0.9247	0.9704	1.0084	0.9524 0.9648	0.9694	Ave		0.9650				2.8		20.0			
Pyridine	1.5349	1.6333	1.6736	1.5165 1.6578	1.5948	Ave		1.6018				4.1		20.0			
Phenol	1.7948	1.9045	2.1292	1.8828 1.9932	1.8593	Ave		1.9273			0.8000	6.1		20.0			
Aniline	2.1885	2.2822	2.4382	2.2991 2.3636	2.3249	Ave		2.3161				3.6		20.0			
Bis(2-chloroethyl)ether	1.2634 1.3926	1.3658 1.4593	1.2963 1.5646	1.4853 1.5780	1.4585	Ave		1.4293			0.7000	7.7		20.0			
2-Chlorophenol	1.3849	1.3999	1.4931	1.4867 1.4440	1.4585	Ave		1.4445			0.8000	3.1		20.0			
n-Decane	1.7434	1.7793	1.7306	1.8681 1.6183	1.7963	Ave		1.7560				4.7		20.0			
1,3-Dichlorobenzene	1.5707	1.6031	1.7013	1.6720 1.6427	1.6305	Ave		1.6367				2.9		20.0			
1,4-Dichlorobenzene	1.5806	1.6320	1.7237	1.7384 1.6383	1.6443	Ave		1.6595				3.6		20.0			
Benzyl alcohol	0.7751	0.7987	0.9054	0.8224 0.8930	0.8127	Ave		0.8346				6.3		20.0			
1,2-Dichlorobenzene	1.4642	1.4906	1.5818	1.5581 1.4980	1.5128	Ave		1.5176				2.9		20.0			
2-Methylphenol	1.2162	1.2060	1.3223	1.2986 1.2729	1.2804	Ave		1.2661			0.7000	3.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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								
2,2'-oxybis[1-chloropropane]	1.9816	2.0290	2.0236	2.1170 1.8837	2.0961	Ave		2.0218			0.0100	4.2		20.0			
Acetophenone	1.8263	1.7828	1.9157	1.9192 1.8453	1.9216	Ave		1.8685			0.0100	3.1		20.0			
N-Nitrosodi-n-propylamine	0.9800 0.9595	0.9297 0.9598	0.9319 1.0110	1.0116 0.9693	1.0142	Ave		0.9741			0.5000	3.4		20.0			
3 & 4 Methylphenol	1.3854	1.3908	1.4886	1.4626 1.2492	1.4505	Ave		1.4045				6.1		20.0			
4-Methylphenol	1.3854	1.3908	1.4886	1.4626 1.2492	1.4505	Ave		1.4045			0.6000	6.1		20.0			
Hexachloroethane	0.6087 0.5944	0.5590 0.6045	0.5551 0.6402	0.6189 0.6140	0.6058	Ave		0.6001			0.3000	4.6		20.0			
Nitrobenzene	0.5743 0.5919	0.5546 0.6306	0.5615 0.6354	0.6171 0.6116	0.6063	Ave		0.5981			0.2000	4.9		20.0			
n,n'-Dimethylaniline	2.0526	2.1332	2.2070	2.0455 2.1713	2.0477	Ave		2.1096				3.4		20.0			
Isophorone	0.6733	0.6722	0.6398 0.6920	0.7057 0.6090	0.6883	Ave		0.6686			0.4000	5.0		20.0			
2-Nitrophenol	0.1930	0.1965	0.2134	0.1936 0.2140	0.1984	Ave		0.2015			0.1000	4.8		20.0			
2,4-Dimethylphenol	0.3024	0.3068	0.3314	0.3228 0.3203	0.3163	Ave		0.3167			0.2000	3.4		20.0			
Bis(2-chloroethoxy)methane	0.4066	0.4266	0.4490	0.4203 0.4426	0.4191	Ave		0.4274			0.3000	3.7		20.0			
Benzoic acid	0.1878	0.1746	0.1920	0.1424 0.2300	0.1656	Ave		0.1820				16.2		20.0			
2,4-Dichlorophenol	0.2781	0.2839	0.2307 0.3033	0.2772 0.2970	0.2834	Ave		0.2791			0.2000	8.4		20.0			
1,2,4-Trichlorobenzene	0.2978 0.3055	0.3157 0.3161	0.2839 0.3382	0.3294 0.3250	0.3265	Ave		0.3153				5.4		20.0			
Naphthalene	1.0689	1.0820	1.1626	1.1362 1.1167	1.1158	Ave		1.1137			0.7000	3.1		20.0			
4-Chloroaniline	0.4067	0.4056	0.4418	0.4306 0.4321	0.4203	Ave		0.4228			0.0100	3.5		20.0			
Hexachlorobutadiene	0.1753	0.1800 0.1735	0.1639 0.1918	0.1880 0.1831	0.1817	Ave		0.1797			0.0100	4.9		20.0			
4-Chloro-3-methylphenol	0.2673	0.2545	0.2847	0.2768 0.2757	0.2823	Ave		0.2736			0.2000	4.1		20.0			
2-Methylnaphthalene	0.6561	0.6549	0.7044	0.6913 0.6836	0.6776	Ave		0.6780			0.4000	2.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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-Methylnaphthalene	0.5981	0.6039	0.6506	0.6423 0.6222	0.6280	Ave		0.6242				3.3		20.0			
Hexachlorocyclopentadiene	0.3577	0.4089	0.4099	0.3050 0.4052	0.3191	Ave		0.3676			0.0500	12.9		20.0			
1,2,4,5-Tetrachlorobenzene	0.6219	0.6508	0.6123	0.6000 0.5852	0.5751	Ave		0.6075			0.0100	4.5		20.0			
2-tertbutyl-4-methylphenol	0.4208	0.4141	0.4431	0.4186 0.4356	0.4148	Ave		0.4245				2.8		20.0			
2,4,6-Trichlorophenol	0.4060	0.4075	0.3212 0.4093	0.3939 0.4199	0.3787	Ave		0.3909			0.2000	8.5		20.0			
2,4,5-Trichlorophenol	0.4258	0.4246	0.4006	0.3907 0.3763	0.3918	Ave		0.4016			0.2000	4.9		20.0			
1,1'-Biphenyl	1.7359	1.8079	1.6834	1.6509 1.6146	1.6115	Ave		1.6841			0.0100	4.5		20.0			
2-Chloronaphthalene	1.3626	1.3909	1.3016	1.2590 1.2642	1.2411	Ave		1.3032			0.8000	4.7		20.0			
Phenyl ether	0.9158	0.9727	0.8708	0.8038 0.8627	0.8025	Ave		0.8714				7.5		20.0			
2-Nitroaniline	0.5242	0.5350	0.4852	0.4925 0.4698	0.4752	Ave		0.4970			0.0100	5.4		20.0			
1,3-Dimethylnaphthalene	1.0918	1.1307	1.0052	0.9316 0.9994	0.9311	Ave		1.0150				8.1		20.0			
Dimethyl phthalate	1.2773	1.2452	1.1886	1.2419 1.1652	1.1680	Ave		1.2144			0.0100	3.8		20.0			
Coumarin	0.1688	0.1619	0.1735	0.1711 0.1768	0.1690	Ave		0.1702				3.0		20.0			
2,6-Dinitrotoluene	0.3062	0.2338 0.2950	0.2512 0.2884	0.2896 0.2737	0.2839	Ave		0.2777			0.2000	8.7		20.0			
Acenaphthylene	1.9013	1.9541	1.8402	1.8484 1.7856	1.7503	Ave		1.8466			0.9000	4.0		20.0			
3-Nitroaniline	0.3265	0.3265	0.3132	0.3071 0.3076	0.2934	Ave		0.3124			0.0100	4.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1862	1.2395	1.1454	0.9673 1.1433	0.9776	Ave		1.1099				10.1		20.0			
Acenaphthene	1.3519	1.2840	1.1931	1.2778 1.1449	1.2370	Ave		1.2481			0.9000	5.9		20.0			
2,4-Dinitrophenol	0.1669	0.1641	0.0801 0.1718	0.1212 0.1715	0.1388	Lin2	-0.376	0.1689			0.0100				0.9970		0.9900
4-Nitrophenol	0.2473	0.2356	0.2262	0.2199 0.2206	0.2151	Ave		0.2274			0.0100	5.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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								
2,4-Dinitrotoluene	0.3643	0.2589 0.3448	0.2952 0.3395	0.3443 0.3375	0.3252	Ave		0.3262			0.2000	10.3		20.0			
Dibenzofuran	1.7337	1.7216	1.6399	1.6600 1.6002	1.5972	Ave		1.6588			0.8000	3.5		20.0			
2,3,4,6-Tetrachlorophenol	0.2841	0.2705	0.2729	0.2717 0.2670	0.2557	Ave		0.2703			0.0100	3.4		20.0			
Diethyl phthalate	1.1724	1.1308	1.0835	1.1147 1.0514	1.0595	Ave		1.1020			0.0100	4.2		20.0			
4-Chlorophenyl phenyl ether	0.6219	0.6136	0.5860	0.5875 0.5594	0.5627	Ave		0.5885			0.4000	4.3		20.0			
Fluorene	1.3203	1.3010	1.2298	1.2389 1.1788	1.2192	Ave		1.2480			0.9000	4.2		20.0			
4-Nitroaniline	0.2885	0.2722	0.2654	0.2696 0.2243	0.2555	Ave		0.2626			0.0100	8.2		20.0			
4,6-Dinitro-2-methylphenol	0.1448	0.1513	0.1030 0.1696	0.1362 0.1660	0.1400	Lin2	-0.233	0.1592			0.0100				0.9970		0.9900
N-Nitrosodiphenylamine	0.6433	0.7396	0.7173	0.6363 0.7182	0.6432	Ave		0.6830			0.0100	6.9		20.0			
1,2-Diphenylhydrazine	1.0737	1.2011	1.1639	1.0956 1.1314	1.1040	Ave		1.1283				4.2		20.0			
4-Bromophenyl phenyl ether	0.2227	0.2367	0.2511	0.2259 0.2449	0.2243	Ave		0.2343			0.1000	5.1		20.0			
Hexachlorobenzene	0.2371 0.2348	0.2078 0.2348	0.2002 0.2644	0.2356 0.2580	0.2328	Ave		0.2340			0.1000	8.7		20.0			
Pentachlorophenol	0.1463	0.1429	0.1135 0.1706	0.1410 0.1666	0.1429	Lin2	-0.183	0.1579			0.0500				0.9950		0.9900
Pentachloronitrobenzene	0.0948	0.0971	0.1023	0.0893 0.1006	0.0913	Ave		0.0959			0.0100	5.3		20.0			
n-Octadecane	0.7713	0.8747	0.8355	0.7263 0.7900	0.7563	Ave		0.7924				6.9		20.0			
Phenanthrene	1.1321	1.1516	1.2320	1.2150 1.2056	1.1525	Ave		1.1815			0.7000	3.5		20.0			
Anthracene	1.1632	1.1898	1.2650	1.1922 1.2204	1.1602	Ave		1.1985			0.7000	3.3		20.0			
Carbazole	0.9721	0.9587	1.0316	1.0489 1.0202	0.9948	Ave		1.0044			0.0100	3.5		20.0			
Di-n-butyl phthalate	1.1586	1.1495	1.2618	1.1902 1.2250	1.1517	Ave		1.1895			0.0100	3.8		20.0			
Fluoranthene	0.9677	0.9401	1.0545	1.0141 1.0037	0.9563	Ave		0.9894			0.6000	4.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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								
Benzidine	0.4280	0.4144	0.4545	0.3595 0.5160	0.3430	Ave		0.4192				15.1		20.0			
Pyrene	1.7407	1.8320	1.9136	1.9279 1.8503	1.9328	Ave		1.8662			0.6000	4.0		20.0			
Bisphenol-A	0.5061	0.3570	0.6027	0.2709 0.5892	0.3467	Ave		0.4454				31.3	*	20.0			
Butyl benzyl phthalate	0.6748	0.7156	0.7369	0.7077 0.7172	0.6959	Ave		0.7080			0.0100	3.0		20.0			
2,3,7,8-TCDD		0.1520				Ave		0.1520						20.0			
Carbamazepine	0.4320	0.4416	0.4771	0.3737 0.4787	0.4016	Ave		0.4341				9.6		20.0			
3,3'-Dichlorobenzidine	0.3863	0.4158	0.3249 0.4167	0.3474 0.4447	0.3592	Ave		0.3850			0.0100	11.2		20.0			
Benzo[a]anthracene	1.3743 1.2273	1.3098 1.2276	1.1454 1.3174	1.2898 1.3057	1.2497	Ave		1.2719			0.8000	5.3		20.0			
Bis(2-ethylhexyl) phthalate	0.9165	0.9697	1.0010	0.9136 0.9954	0.9206	Ave		0.9528			0.0100	4.3		20.0			
Chrysene	1.1171	1.1621	1.1993	1.1840 1.1937	1.1854	Ave		1.1736			0.7000	2.6		20.0			
Di-n-octyl phthalate	2.0371	2.0372	2.1479	1.9055 2.1166	1.9732	Ave		2.0363			0.0100	4.4		20.0			
Benzo[b]fluoranthene	1.0722 1.2995	1.2302 1.3255	1.1171 1.3766	1.2760 1.3974	1.2270	Ave		1.2579			0.7000	8.7		20.0			
Benzo[k]fluoranthene	1.3357 1.3919	1.3787 1.3744	1.2743 1.4951	1.4917 1.4714	1.4727	Ave		1.4095			0.7000	5.5		20.0			
Benzo[a]pyrene	0.9928 1.1708	1.0796 1.2164	1.0408 1.2827	1.1893 1.2894	1.1764	Ave		1.1598			0.7000	8.9		20.0			
Indeno[1,2,3-cd]pyrene	0.6489 0.7991	0.6755 0.9176	0.5915 0.9920	0.8572 1.0325	0.7246	Ave		0.8043			0.5000	19.4		20.0			
Dibenz(a,h)anthracene	0.7230 0.8581	0.7265 0.9706	0.7050 1.0141	0.8101 1.0388	0.7973	Ave		0.8493			0.4000	15.2		20.0			
Benzo[g,h,i]perylene	0.8576	0.9734	0.9979	0.8273 1.0125	0.8496	Ave		0.9197			0.5000	9.1		20.0			
2-Fluorophenol (Surr)	1.4561	1.2906 1.5579	1.5354 1.6152	1.4150 1.5306	1.4501	Ave		1.4814				6.8		20.0			
Phenol-d5 (Surr)	1.7963	1.5880 1.7955	1.8788 1.9075	1.7140 1.7859	1.7724	Ave		1.7798				5.5		20.0			
Nitrobenzene-d5 (Surr)	0.3943 0.4507	0.4018 0.4657	0.4637 0.4745	0.4426 0.4460	0.4485	Ave		0.4431				6.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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-Fluorobiphenyl	1.3640 1.6888	1.3449 1.7287	1.5441 1.6062	1.4711 1.5042	1.4277	Ave		1.5200				8.9		20.0			
2,4,6-Tribromophenol (Surr)	 0.1518	0.1199 0.1367	0.1354 0.1422	0.1315 0.1376	0.1298	Ave		0.1356				6.9		20.0			
Terphenyl-d14 (Surr)	1.0729 1.2226	1.0899 1.2574	1.2399 1.3442	1.1716 1.2770	1.2245	Ave		1.2111				7.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-297583/10	x1961.D
Level 2	STD1 460-297583/9	x1960.D
Level 3	STD2 460-297583/8	x1959.D
Level 4	STD5 460-297583/7	x1958.D
Level 5	STD10 460-297583/6	x1957.D
Level 6	STD20 460-297583/5	x1956.D
Level 7	ICIS 460-297583/2	x1953.D
Level 8	STD80 460-297583/4	x1955.D
Level 9	STD120 460-297583/3	x1954.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	208834	523103	829080	59713 1256102	125936	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	309696	743407	1167791	85090 1764573	187107	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	514088	1251294	1938161	135482 3032024	307806	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	601127	1459051	2465791	168205 3645472	358870	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	732978	1748380	2823615	205400 4322965	448729	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	6955 466432	19599 1117959	48490 1811963	132692 2886118	281495	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	463839	1072440	1729131	132824 2641048	281511	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	583914	1363096	2004175	166890 2959895	346702	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	526079	1228143	1970238	149376 3004428	314709	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	529379	1250259	1996202	155305 2996468	317372	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	259607	611861	1048574	73473 1633270	156861	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	490401	1141986	1831864	139197 2739883	291985	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	407325	923941	1531362	116012 2328131	247133	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	663685	1554400	2343513	189134 3445247	404572	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetophenone	DCB	Ave	611691	1365827	2218579	171462 3375074	370878	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	5395 321367	13341 735320	34861 1170834	90377 1772892	195755	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	464028	1065530	1723925	130667 2284809	279967	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	464028	1065530	1723925	130667 2284809	279967	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	3351 199080	8022 463085	20766 741376	55293 1123026	116921	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	11515 688733	27603 1615485	73957 2507711	191093 3783736	408266	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	687483	1634241	2555966	182744 3971366	395217	20.0	50.0	80.0	5.00 120	10.0
Isophorone	NPT	Ave	783473	1721894	84272 2731075	218545 3767620	463524	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	224640	503276	842315	59939 1323700	133613	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	351870	785897	1307851	99948 1981422	213011	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	473189	1092814	1772001	130168 2738065	282210	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Ave	218514	447287	757512	44097 1422617	111496	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	323584	727253	30384 1196789	85838 1837444	190868	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	5972 355498	15711 809756	37399 1334477	101991 2010803	219880	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	1243812	2771778	4587933	351845 6908433	751367	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	473236	1038938	1743442	133330 2673206	282997	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	204004	8957 444376	21595 756859	58214 1132711	122381	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	311104	652071	1123696	85716 1705605	190110	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	763506	1677602	2779858	214058 4229313	456288	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	696051	1546901	2567620	198905 3849312	422907	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	172296	409553	738834	43822 1144918	99896	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	299524	651815	1103723	86224 1653343	180050	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	489663	1060760	1748593	129613 2695046	279359	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	195560	408154	19483 737804	56607 1186374	118552	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	205067	425234	722093	56142 1063102	122664	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	836111	1810715	3034618	237231 4561811	504525	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	656318	1393012	2346293	180916 3571839	388567	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	441116	974200	1569651	115503 2437275	251231	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	252483	535791	874571	70771 1327207	148786	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	525887	1132454	1811986	133878 2823568	291508	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	615207	1247125	2142594	178465 3292157	365664	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	196481	414724	684581	52981 1093965	113796	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	147500	5301 295430	15238 519814	41610 773172	88886	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	915742	1957119	3317194	265616 5044864	547969	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	157246	327026	564665	44133 869058	91864	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	571323	1241401	2064697	138997 3230186	306054	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	651144	1285973	2150698	183618 3234613	387259	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	160761	328752	9723 619375	34832 969273	86890	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	238262	471828	815550	63193 1246612	134672	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	175465	5870 345308	17903 612053	49483 953424	101812	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	835029	1724212	2956173	238549 4521133	500023	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	136818	270923	491916	39050 754457	80056	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	564690	1132499	1953176	160177 2970573	331684	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	299536	614519	1056253	84418 1580398	176167	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	635918	1302987	2216865	178037 3330470	381711	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	138939	272652	478383	38749 633760	79996	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	189529	381351	15605 706819	49686 1103549	106949	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	421128	932277	1495044	116066 2387535	245671	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	702839	1514089	2425818	199860 3761279	421631	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	145763	298386	523349	41209 814286	85657	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	3154 153704	5792 295974	15159 551027	42972 857781	88922	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Lin2	191528	360382	17194 711145	51440 1107677	109126	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	62052	122371	213243	16291 334566	34854	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	504920	1102584	1741289	132481 2626194	288863	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	741099	1451616	2567613	221629 4007839	440158	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	761462	1499767	2636467	217474 4057124	443106	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	636347	1208422	2149957	191332 3391358	379956	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	758421	1449035	2629822	217101 4072420	439874	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	633471	1185086	2197649	184979 3336668	365236	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	280185	522314	947291	65574 1715445	131006	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	624566	1149456	2117909	191245 3321723	365944	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	181585	223985	667024	26875 1057744	65634	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	242135	448975	815557	70204 1287460	131750	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95181-1 Analy Batch No.: 297583

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/10/2015 03:57 Calibration End Date: 05/10/2015 06:57 Calibration ID: 49811

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		954					0.500			
Carbamazepine	CRY	Ave	155011	277072	528049	37067 859353	76029	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	138600	260883	13348 461173	34466 798402	68006	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	11356 440362	20981 770230	47062 1457996	127949 2344005	236604	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	328853	608414	1107904	90632 1787006	174294	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	400807	729148	1327331	117452 2142904	224447	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	461307	871997	1597213	119648 2592667	230281	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	6209 294268	13437 567382	29002 1023642	80121 1711737	143195	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	7735 315210	15059 588310	33084 1111756	93664 1802298	171869	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	5749 265122	11792 520661	27022 953831	74676 1579409	137294	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	3758 180968	7379 392792	15357 737640	53824 1264710	84558	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	4187 194324	7936 415464	18304 754126	50868 1272453	93042	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	194215	416647	742086	51950 1240216	99149	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCB	Ave	487690	18520 1193481	57435 1870527	126419 2799404	279888	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCB	Ave	601638	22788 1375560	70280 2209029	153124 3266430	342087	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	7906 524504	19995 1193116	61080 1872594	137062 2759119	302007	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	13639 813433	30493 1731324	93660 2895339	211402 4249747	446977	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	73119	2718 136890	8212 256319	18902 388733	40644	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	8866 438682	17459 788959	50942 1487736	116222 2292498	231844	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Report Date: 11-May-2015 12:01:44 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1953.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 10-May-2015 03:57:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:01:42 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:39:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.846	0.000	98	523103	50.0	50.8	
	2 N-Nitrosodimethylamine	74	2.081	2.081	0.000	87	743407	50.0	50.3	
	3 Pyridine	79	2.110	2.110	0.000	89	1251294	50.0	51.0	
$	4 2-Fluorophenol	112	3.251	3.251	0.000	93	1193481	50.0	52.6	
$	6 Phenol-d5	99	4.175	4.175	0.000	98	1375560	50.0	50.4	
	7 Phenol	94	4.187	4.187	0.000	98	1459051	50.0	49.4	
	8 Aniline	93	4.210	4.210	0.000	99	1748380	50.0	49.3	
	9 Bis(2-chloroethyl)ether	93	4.275	4.275	0.000	96	1117959	50.0	51.0	
	10 Benzonitrile	103	4.304	4.304	0.000	66	2085238	NC	NC	
	11 2-Chlorophenol	128	4.334	4.334	0.000	92	1072440	50.0	48.5	
	12 n-Decane	43	4.381	4.381	0.000	89	1363096	50.0	50.7	
	13 1,3-Dichlorobenzene	146	4.487	4.487	0.000	94	1228143	50.0	49.0	
*	14 1,4-Dichlorobenzene-d4	152	4.539	4.539	0.000	98	612881	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	94	1250259	50.0	49.2	
	16 Benzyl alcohol	108	4.675	4.675	0.000	91	611861	50.0	47.9	
	17 1,2-Dichlorobenzene	146	4.710	4.710	0.000	94	1141986	50.0	49.1	
	18 2-Methylphenol	108	4.787	4.787	0.000	91	923941	50.0	47.6	
	19 2,2'-oxybis[1-chloropropan	45	4.810	4.810	0.000	93	1554400	50.0	50.2	
	20 N-Methylaniline	106	4.928	4.928	0.000	84	1639727	NC	NC	
	21 Acetophenone	105	4.945	4.945	0.000	96	1365827	50.0	47.7	
	22 N-Nitrosodi-n-propylamine	70	4.945	4.945	0.000	87	735320	50.0	49.3	
	23 3 & 4 Methylphenol	108	4.945	4.945	0.000	95	1065530	50.0	49.5	
	24 4-Methylphenol	108	4.945	4.945	0.000	94	1065530	50.0	49.5	
	25 Hexachloroethane	117	5.045	5.045	0.000	95	463085	50.0	50.4	
$	26 Nitrobenzene-d5	82	5.092	5.092	0.000	89	1193116	50.0	52.6	
	27 n,n'-Dimethylaniline	120	5.116	5.116	0.000	94	1634241	50.0	50.6	
	28 Nitrobenzene	77	5.116	5.116	0.000	93	1615485	50.0	52.7	
	31 Isophorone	82	5.357	5.357	0.000	100	1721894	50.0	50.3	
	32 2-Nitrophenol	139	5.428	5.428	0.000	86	503276	50.0	48.8	
	33 2,4-Dimethylphenol	122	5.475	5.475	0.000	90	785897	50.0	48.4	
	34 Bis(2-chloroethoxy)methane	93	5.563	5.563	0.000	98	1092814	50.0	49.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.628	5.628	0.000	89	447287	50.0	48.0	
36 2,4-Dichlorophenol	162	5.675	5.675	0.000	94	727253	50.0	50.9	
37 1,2,4-Trichlorobenzene	180	5.757	5.757	0.000	94	809756	50.0	50.1	
* 38 Naphthalene-d8	136	5.816	5.816	0.000	100	2049369	40.0	40.0	
39 Naphthalene	128	5.834	5.834	0.000	99	2771778	50.0	48.6	
40 4-Chloroaniline	127	5.886	5.886	0.000	95	1038938	50.0	48.0	
41 Hexachlorobutadiene	225	5.969	5.969	0.000	95	444376	50.0	48.3	
43 4-Chloro-3-methylphenol	107	6.369	6.369	0.000	96	652071	50.0	46.5	
44 2-Methylnaphthalene	142	6.528	6.528	0.000	86	1677602	50.0	48.3	
45 1-Methylnaphthalene	142	6.628	6.628	0.000	94	1546901	50.0	48.4	
46 Hexachlorocyclopentadiene	237	6.692	6.692	0.000	94	409553	50.0	55.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.698	6.698	0.000	96	651815	50.0	53.6	
48 2-tertbutyl-4-methylphenol	149	6.722	6.722	0.000	91	1060760	50.0	48.8	
49 2,4,6-Trichlorophenol	196	6.810	6.810	0.000	89	408154	50.0	52.1	
50 2,4,5-Trichlorophenol	196	6.839	6.839	0.000	94	425234	50.0	52.9	
$ 51 2-Fluorobiphenyl	172	6.892	6.892	0.000	98	1731324	50.0	56.9	
52 1,1'-Biphenyl	154	6.992	6.992	0.000	96	1810715	50.0	53.7	
53 2-Chloronaphthalene	162	7.010	7.010	0.000	99	1393012	50.0	53.4	
54 Phenyl ether	170	7.092	7.092	0.000	89	974200	50.0	55.8	
56 2-Nitroaniline	65	7.110	7.110	0.000	94	535791	50.0	53.8	
57 1,3-Dimethylnaphthalene	156	7.228	7.228	0.000	91	1132454	50.0	55.7	
58 Dimethyl phthalate	163	7.298	7.298	0.000	98	1247125	50.0	51.3	
59 Coumarin	146	7.316	7.316	0.000	72	414724	50.0	47.6	
60 2,6-Dinitrotoluene	165	7.345	7.345	0.000	94	295430	50.0	53.1	
61 Acenaphthylene	152	7.422	7.422	0.000	97	1957119	50.0	52.9	
64 3-Nitroaniline	138	7.516	7.516	0.000	92	327026	50.0	52.3	
* 65 Acenaphthene-d10	164	7.563	7.563	0.000	96	801230	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.580	7.580	0.000	98	1241401	50.0	55.8	
67 Acenaphthene	154	7.598	7.598	0.000	95	1285973	50.0	51.4	
68 2,4-Dinitrophenol	184	7.616	7.616	0.000	91	328752	100.0	99.4	
69 4-Nitrophenol	65	7.680	7.680	0.000	95	471828	100.0	103.6	
70 2,4-Dinitrotoluene	165	7.745	7.745	0.000	91	345308	50.0	52.8	
71 Dibenzofuran	168	7.763	7.763	0.000	96	1724212	50.0	51.9	
72 2,3,4,6-Tetrachlorophenol	232	7.886	7.886	0.000	92	270923	50.0	50.0	
73 Diethyl phthalate	149	7.986	7.986	0.000	98	1132499	50.0	51.3	
74 4-Chlorophenyl phenyl ethe	204	8.098	8.098	0.000	84	614519	50.0	52.1	
75 Fluorene	166	8.104	8.104	0.000	96	1302987	50.0	52.1	
76 4-Nitroaniline	138	8.122	8.122	0.000	95	272652	50.0	51.8	
77 4,6-Dinitro-2-methylphenol	198	8.151	8.151	0.000	82	381351	100.0	96.5	
78 N-Nitrosodiphenylamine	169	8.216	8.216	0.000	66	932277	50.0	54.1	
79 1,2-Diphenylhydrazine	77	8.257	8.257	0.000	98	1514089	50.0	53.2	
$ 80 2,4,6-Tribromophenol	330	8.339	8.339	0.000	93	136890	50.0	50.4	
81 4-Bromophenyl phenyl ether	248	8.580	8.580	0.000	89	298386	50.0	50.5	
83 Hexachlorobenzene	284	8.651	8.651	0.000	99	295974	50.0	50.2	
85 Pentachlorophenol	266	8.839	8.839	0.000	92	360382	100.0	91.7	
86 Pentachloronitrobenzene	237	8.857	8.857	0.000	86	122371	50.0	50.6	
87 n-Octadecane	57	8.910	8.910	0.000	93	1102584	50.0	55.2	
* 88 Phenanthrene-d10	188	9.022	9.022	0.000	99	1008427	40.0	40.0	
89 Phenanthrene	178	9.045	9.045	0.000	98	1451616	50.0	48.7	
90 Anthracene	178	9.098	9.098	0.000	98	1499767	50.0	49.6	
91 Carbazole	167	9.251	9.251	0.000	96	1208422	50.0	47.7	
92 Di-n-butyl phthalate	149	9.586	9.586	0.000	100	1449035	50.0	48.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.216	10.216	0.000	97	1185086	50.0	47.5	
94 Benzidine	184	10.339	10.339	0.000	99	522314	50.0	49.4	
95 Pyrene	202	10.451	10.451	0.000	97	1149456	50.0	49.1	
82 Bisphenol-A	213	10.486	10.486	0.000	98	223985	50.0	40.1	
$ 96 Terphenyl-d14	244	10.604	10.604	0.000	99	788959	50.0	51.9	
97 Butyl benzyl phthalate	149	11.139	11.139	0.000	97	448975	50.0	50.5	
98 2,3,7,8-TCDD	320	11.263	11.263	0.000	88	954	0.5000	0.5000	
99 Carbamazepine	193	11.268	11.268	0.000	93	277072	50.0	50.9	
100 3,3'-Dichlorobenzidine	252	11.780	11.780	0.000	99	260883	50.0	54.0	
101 Benzo[a]anthracene	228	11.815	11.815	0.000	99	770230	50.0	48.3	
* 102 Chrysene-d12	240	11.833	11.833	0.000	98	501957	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.851	11.851	0.000	91	608414	50.0	50.9	
103 Chrysene	228	11.863	11.863	0.000	99	729148	50.0	49.5	
105 Di-n-octyl phthalate	149	12.721	12.721	0.000	98	871997	50.0	50.0	
106 Benzo[b]fluoranthene	252	13.257	13.257	0.000	99	567382	50.0	52.7	
107 Benzo[k]fluoranthene	252	13.292	13.292	0.000	99	588310	50.0	48.8	
108 Benzo[a]pyrene	252	13.709	13.709	0.000	96	520661	50.0	52.4	
* 109 Perylene-d12	264	13.786	13.786	0.000	97	342437	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.380	15.380	0.000	98	392792	50.0	57.0	M
111 Dibenz(a,h)anthracene	278	15.415	15.415	0.000	95	415464	50.0	57.1	
112 Benzo[g,h,i]perylene	276	15.833	15.833	0.000	96	416647	50.0	52.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

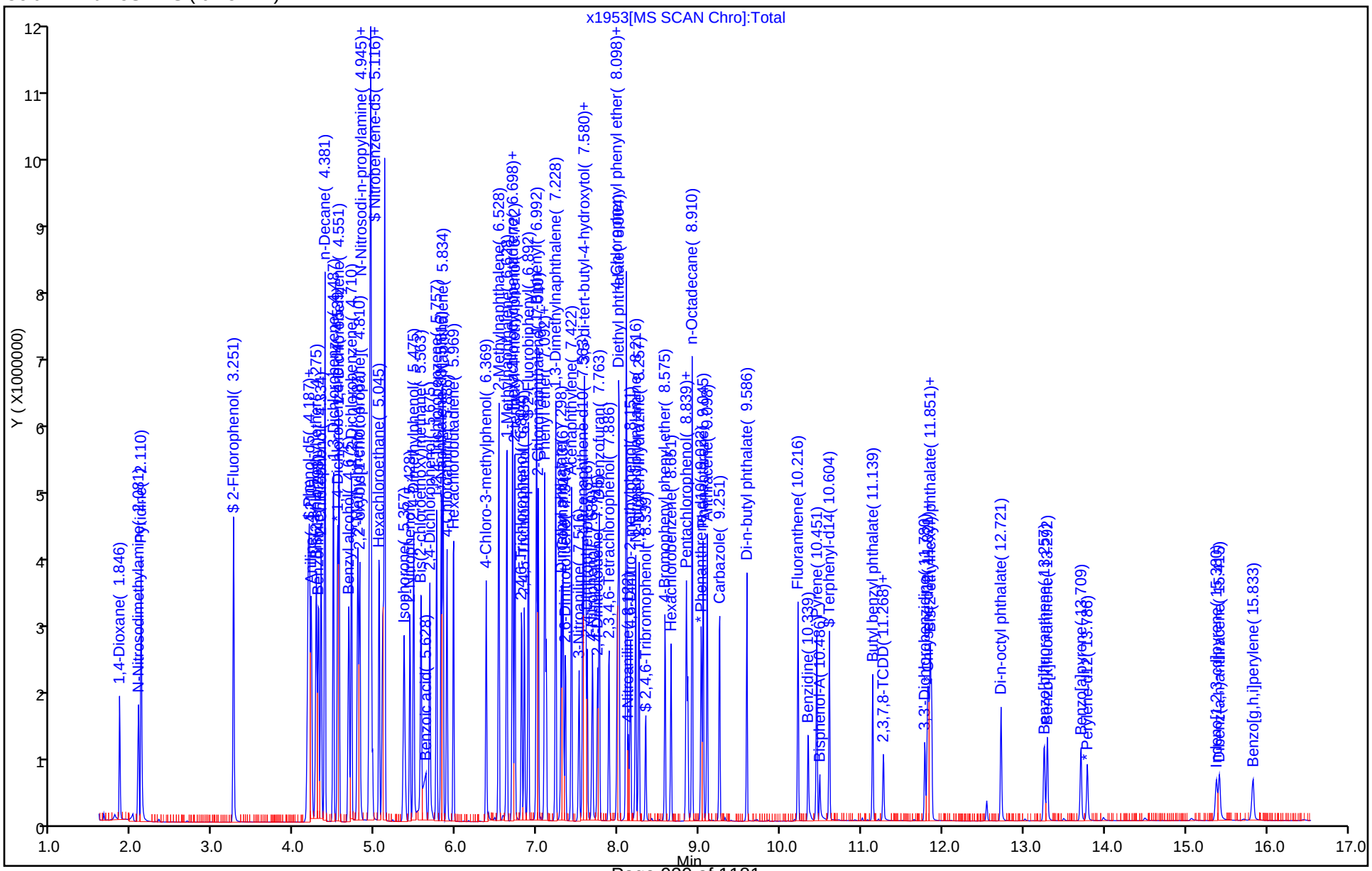
Report Date: 11-May-2015 12:01:44 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1953.D

Injection Date:	10-May-2015 03:57:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

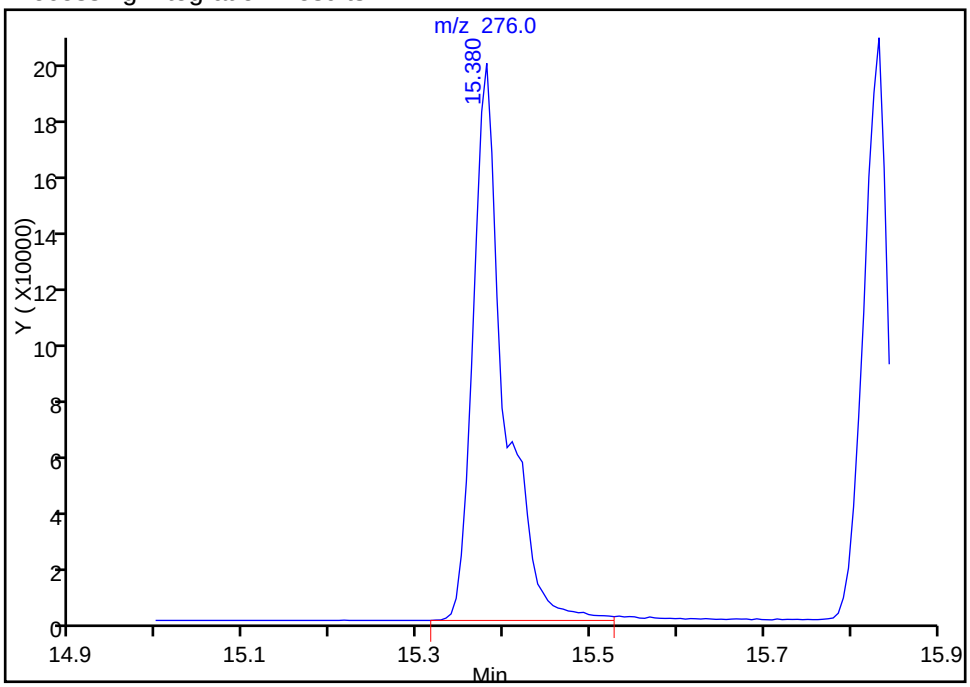
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1953.D				
Injection Date:	10-May-2015 03:57:30	Instrument ID:	CBNAMS5		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

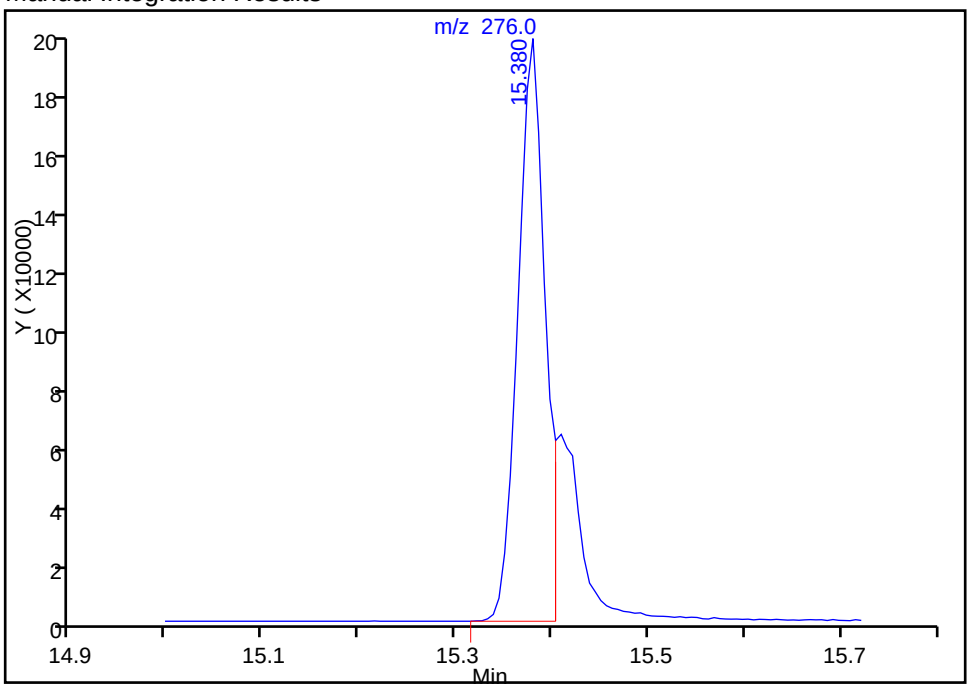
Processing Integration Results

RT: 15.38
Area: 500367
Amount: 56.106623
Amount Units: ug/ml



Manual Integration Results

RT: 15.38
Area: 392792
Amount: 57.043480
Amount Units: ug/ml



Reviewer: szczecha, 11-May-2015 11:40:13
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 11-May-2015 12:01:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1954.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 10-May-2015 04:20:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:01:49 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 11-May-2015 11:58:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.840	1.846	-0.006	97	1256102	120.0	122.7	
	2 N-Nitrosodimethylamine	74	2.093	2.081	0.012	90	1764573	120.0	120.0	
	3 Pyridine	79	2.110	2.110	0.000	92	3032024	120.0	124.2	
$	4 2-Fluorophenol	112	3.257	3.251	0.006	94	2799404	120.0	124.0	
$	6 Phenol-d5	99	4.198	4.175	0.023	93	3266430	120.0	120.4	
	7 Phenol	94	4.216	4.187	0.029	98	3645472	120.0	124.1	
	8 Aniline	93	4.234	4.210	0.024	100	4322965	120.0	122.5	
	9 Bis(2-chloroethyl)ether	93	4.287	4.275	0.012	95	2886118	120.0	132.5	
	10 Benzonitrile	103	4.328	4.304	0.024	66	5092712	NC	NC	
	11 2-Chlorophenol	128	4.346	4.334	0.012	94	2641048	120.0	120.0	
	12 n-Decane	43	4.387	4.381	0.006	87	2959895	120.0	110.6	
	13 1,3-Dichlorobenzene	146	4.493	4.487	0.006	94	3004428	120.0	120.4	
*	14 1,4-Dichlorobenzene-d4	152	4.540	4.539	0.001	99	609666	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.563	4.557	0.006	93	2996468	120.0	118.5	
	16 Benzyl alcohol	108	4.704	4.675	0.029	93	1633270	120.0	128.4	
	17 1,2-Dichlorobenzene	146	4.716	4.710	0.006	94	2739883	120.0	118.5	
	18 2-Methylphenol	108	4.804	4.787	0.017	89	2328131	120.0	120.6	
	19 2,2'-oxybis[1-chloropropan	45	4.822	4.810	0.012	94	3445247	120.0	111.8	
	20 N-Methylaniline	106	4.945	4.928	0.017	85	4017535	NC	NC	
	21 Acetophenone	105	4.963	4.945	0.018	97	3375074	120.0	118.5	
	22 N-Nitrosodi-n-propylamine	70	4.998	4.945	0.053	89	1772892	120.0	119.4	
	23 3 & 4 Methylphenol	108	4.975	4.945	0.030	98	2284809	120.0	106.7	
	24 4-Methylphenol	108	4.975	4.945	0.030	95	2284809	120.0	106.7	
	25 Hexachloroethane	117	5.051	5.045	0.006	96	1123026	120.0	122.8	
$	26 Nitrobenzene-d5	82	5.116	5.092	0.024	89	2759119	120.0	120.8	
	27 n,n'-Dimethylaniline	120	5.134	5.116	0.018	93	3971366	120.0	123.5	
	28 Nitrobenzene	77	5.134	5.116	0.018	93	3783736	120.0	122.7	
	31 Isophorone	82	5.387	5.357	0.030	99	3767620	120.0	109.3	
	32 2-Nitrophenol	139	5.440	5.428	0.012	90	1323700	120.0	127.4	
	33 2,4-Dimethylphenol	122	5.493	5.475	0.017	91	1981422	120.0	121.4	
	34 Bis(2-chloroethoxy)methane	93	5.581	5.563	0.018	99	2738065	120.0	124.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.687	5.628	0.059	90	1422617	120.0	151.6	M
36 2,4-Dichlorophenol	162	5.687	5.675	0.012	95	1837444	120.0	127.7	
37 1,2,4-Trichlorobenzene	180	5.763	5.757	0.006	94	2010803	120.0	123.7	
* 38 Naphthalene-d8	136	5.822	5.816	0.006	100	2062138	40.0	40.0	
39 Naphthalene	128	5.845	5.834	0.011	99	6908433	120.0	120.3	
40 4-Chloroaniline	127	5.898	5.886	0.012	95	2673206	120.0	122.6	
41 Hexachlorobutadiene	225	5.975	5.969	0.006	96	1132711	120.0	122.3	
43 4-Chloro-3-methylphenol	107	6.381	6.369	0.012	97	1705605	120.0	120.9	
44 2-Methylnaphthalene	142	6.534	6.528	0.006	85	4229313	120.0	121.0	
45 1-Methylnaphthalene	142	6.634	6.628	0.006	93	3849312	120.0	119.6	
46 Hexachlorocyclopentadiene	237	6.698	6.692	0.006	96	1144918	120.0	132.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.710	6.698	0.012	96	1653343	120.0	115.6	
48 2-tertbutyl-4-methylphenol	149	6.734	6.722	0.012	91	2695046	120.0	123.1	
49 2,4,6-Trichlorophenol	196	6.816	6.810	0.006	88	1186374	120.0	128.9	
50 2,4,5-Trichlorophenol	196	6.851	6.839	0.012	96	1063102	120.0	112.4	
$ 51 2-Fluorobiphenyl	172	6.898	6.892	0.006	98	4249747	120.0	118.8	
52 1,1'-Biphenyl	154	7.004	6.992	0.012	95	4561811	120.0	115.1	
53 2-Chloronaphthalene	162	7.022	7.010	0.012	97	3571839	120.0	116.4	
54 Phenyl ether	170	7.098	7.092	0.006	86	2437275	120.0	118.8	
56 2-Nitroaniline	65	7.122	7.110	0.012	96	1327207	120.0	113.4	
57 1,3-Dimethylnaphthalene	156	7.239	7.228	0.011	91	2823568	120.0	118.2	
58 Dimethyl phthalate	163	7.316	7.298	0.018	98	3292157	120.0	115.1	
59 Coumarin	146	7.339	7.316	0.023	79	1093965	120.0	124.7	
60 2,6-Dinitrotoluene	165	7.363	7.345	0.018	95	773172	120.0	118.2	
61 Acenaphthylene	152	7.434	7.422	0.012	97	5044864	120.0	116.0	
64 3-Nitroaniline	138	7.534	7.516	0.018	93	869058	120.0	118.2	
* 65 Acenaphthene-d10	164	7.569	7.563	0.006	92	941765	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.586	7.580	0.006	97	3230186	120.0	123.6	
67 Acenaphthene	154	7.604	7.598	0.006	95	3234613	120.0	110.1	
68 2,4-Dinitrophenol	184	7.639	7.616	0.023	96	969273	240.0	246.0	
69 4-Nitrophenol	65	7.704	7.680	0.024	93	1246612	240.0	232.8	
70 2,4-Dinitrotoluene	165	7.763	7.745	0.018	93	953424	120.0	124.1	
71 Dibenzofuran	168	7.775	7.763	0.012	96	4521133	120.0	115.8	
72 2,3,4,6-Tetrachlorophenol	232	7.892	7.886	0.006	92	754457	120.0	118.5	
73 Diethyl phthalate	149	8.004	7.986	0.018	98	2970573	120.0	114.5	
74 4-Chlorophenyl phenyl ethe	204	8.104	8.098	0.006	87	1580398	120.0	114.1	
75 Fluorene	166	8.110	8.104	0.006	96	3330470	120.0	113.3	
76 4-Nitroaniline	138	8.151	8.122	0.029	92	633760	120.0	102.5	
77 4,6-Dinitro-2-methylphenol	198	8.175	8.151	0.024	85	1103549	240.0	251.6	
78 N-Nitrosodiphenylamine	169	8.228	8.216	0.012	67	2387535	120.0	126.2	
79 1,2-Diphenylhydrazine	77	8.263	8.257	0.006	97	3761279	120.0	120.3	
$ 80 2,4,6-Tribromophenol	330	8.351	8.339	0.012	93	388733	120.0	121.8	
81 4-Bromophenyl phenyl ether	248	8.586	8.580	0.006	90	814286	120.0	125.5	
83 Hexachlorobenzene	284	8.657	8.651	0.006	98	857781	120.0	132.4	
85 Pentachlorophenol	266	8.851	8.839	0.012	94	1107677	240.0	254.4	
86 Pentachloronitrobenzene	237	8.863	8.857	0.006	88	334566	120.0	125.9	
87 n-Octadecane	57	8.916	8.910	0.006	90	2626194	120.0	119.6	
* 88 Phenanthrene-d10	188	9.028	9.022	0.006	99	1108104	40.0	40.0	
89 Phenanthrene	178	9.057	9.045	0.012	98	4007839	120.0	122.5	
90 Anthracene	178	9.104	9.098	0.006	98	4057124	120.0	122.2	
91 Carbazole	167	9.257	9.251	0.006	96	3391358	120.0	121.9	
92 Di-n-butyl phthalate	149	9.592	9.586	0.006	100	4072420	120.0	123.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.222	10.216	0.006	97	3336668	120.0	121.7	
94 Benzidine	184	10.345	10.339	0.006	99	1715445	120.0	147.7	
95 Pyrene	202	10.457	10.451	0.006	97	3321723	120.0	119.0	
82 Bisphenol-A	213	10.492	10.486	0.006	99	1057744	120.0	158.7	
$ 96 Terphenyl-d14	244	10.610	10.604	0.006	99	2292498	120.0	126.5	
97 Butyl benzyl phthalate	149	11.139	11.139	0.000	98	1287460	120.0	121.6	
99 Carbamazepine	193	11.280	11.268	0.012	92	859353	120.0	132.3	
100 3,3'-Dichlorobenzidine	252	11.792	11.780	0.012	100	798402	120.0	138.6	
101 Benzo[a]anthracene	228	11.822	11.815	0.007	99	2344005	120.0	123.2	
* 102 Chrysene-d12	240	11.839	11.833	0.006	99	598402	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.851	11.851	0.000	90	1787006	120.0	125.4	
103 Chrysene	228	11.874	11.863	0.011	99	2142904	120.0	122.1	
105 Di-n-octyl phthalate	149	12.727	12.721	0.006	98	2592667	120.0	124.7	
106 Benzo[b]fluoranthene	252	13.263	13.257	0.006	99	1711737	120.0	133.3	
107 Benzo[k]fluoranthene	252	13.304	13.292	0.012	99	1802298	120.0	125.3	
108 Benzo[a]pyrene	252	13.715	13.709	0.006	97	1579409	120.0	133.4	
* 109 Perylene-d12	264	13.792	13.786	0.006	97	408302	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.398	15.380	0.018	99	1264710	120.0	154.0	
111 Dibenz(a,h)anthracene	278	15.433	15.415	0.018	95	1272453	120.0	146.8	
112 Benzo[g,h,i]perylene	276	15.851	15.833	0.018	97	1240216	120.0	132.1	
S 119 Total Cresols	1				0			227.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00006 Amount Added: 1.00 Units: mL

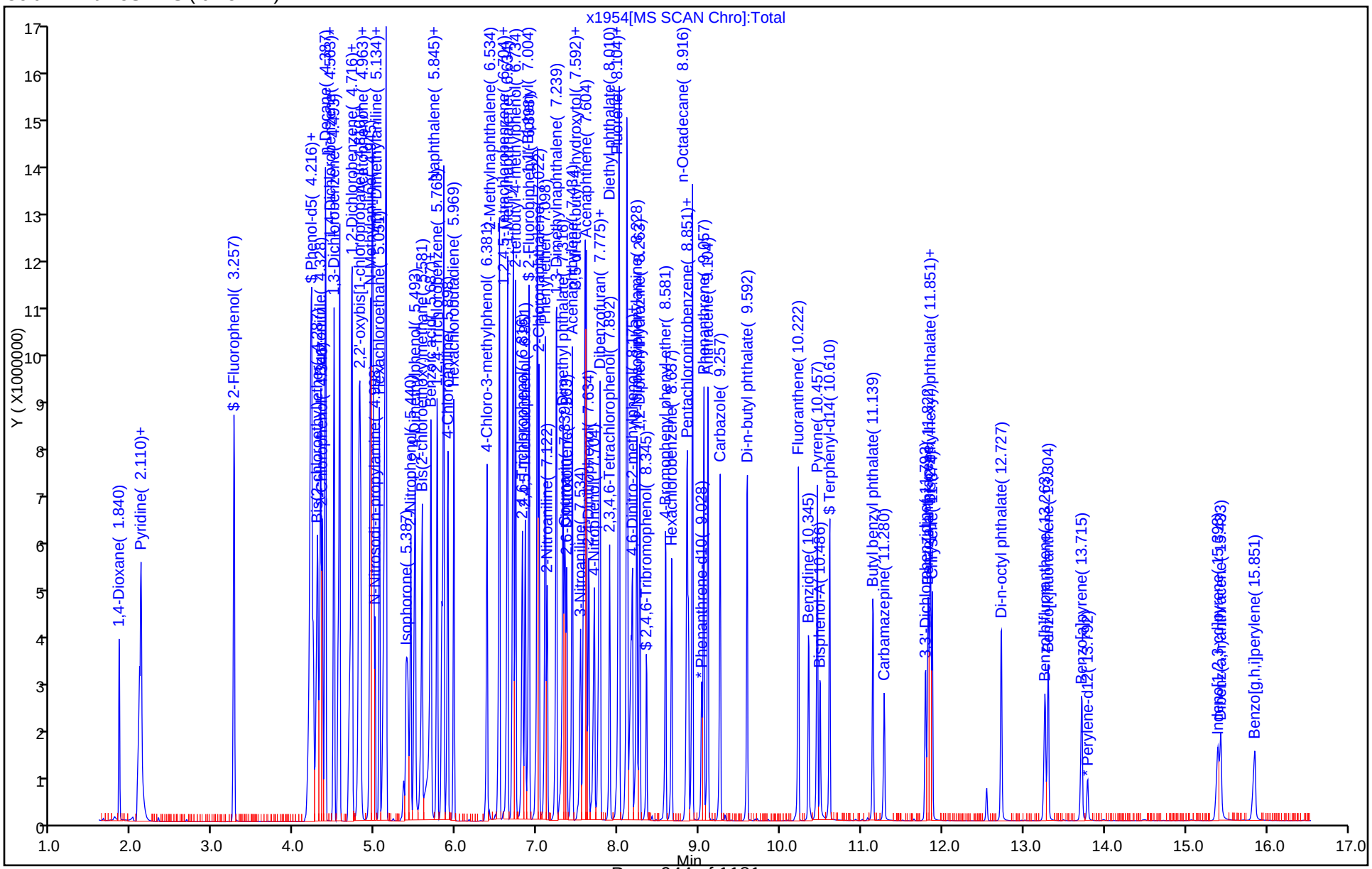
Report Date: 11-May-2015 12:01:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1954.D

Injection Date:	10-May-2015 04:20:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

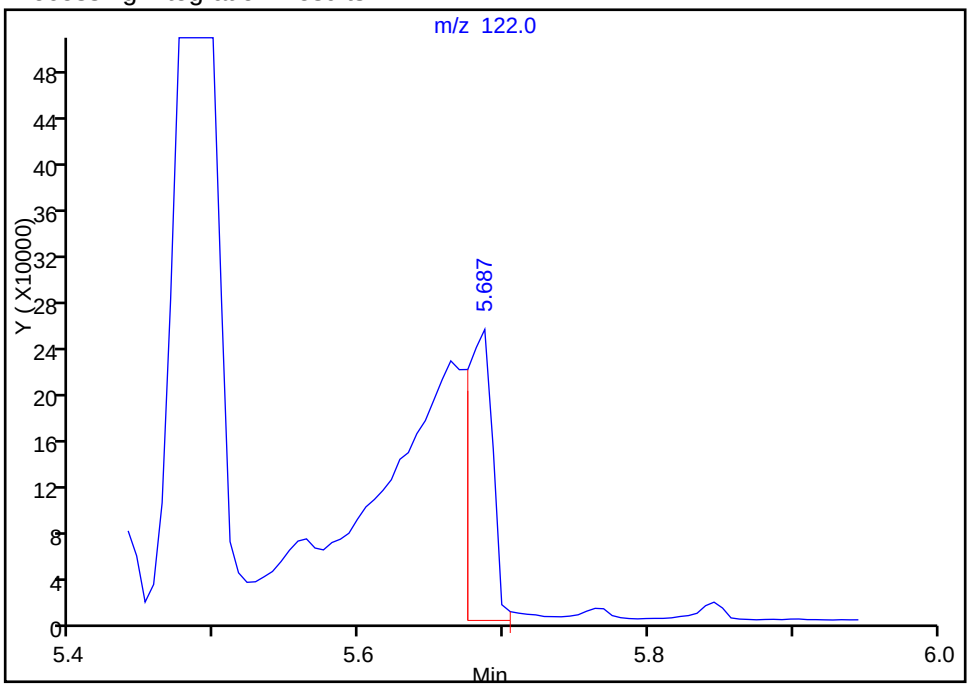
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1954.D				
Injection Date:	10-May-2015 04:20:30	Instrument ID:	CBNAMS5		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

35 Benzoic acid, CAS: 65-85-0

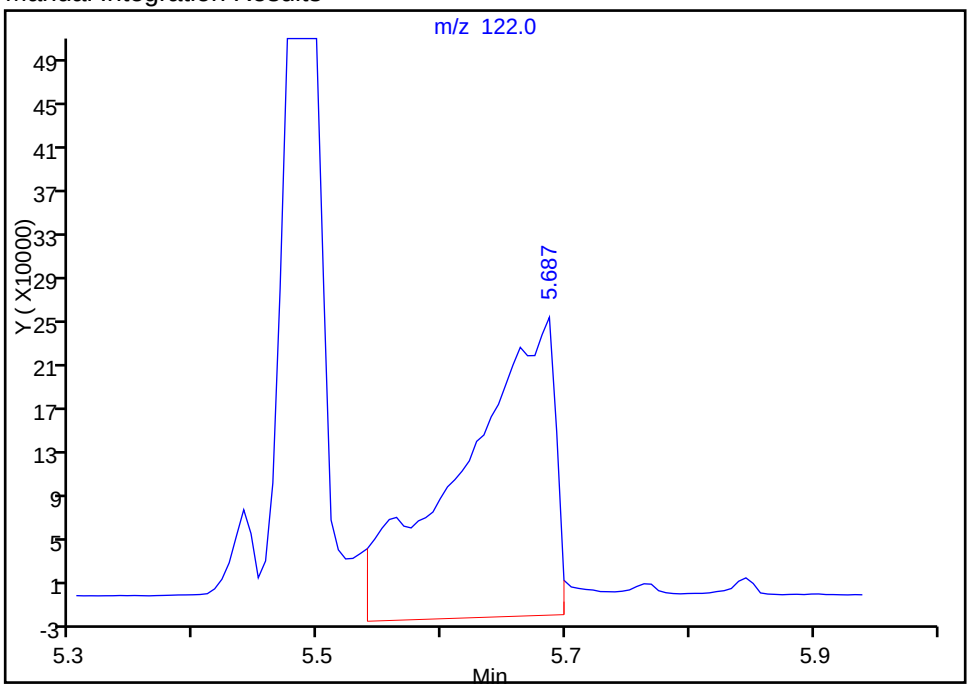
Processing Integration Results

RT: 5.69
Area: 306840
Amount: 38.745169
Amount Units: ug/ml



Manual Integration Results

RT: 5.69
Area: 1422617
Amount: 151.5840
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:45:51
Audit Action: Manually Integrated
Audit Reason: Baseline

Report Date: 11-May-2015 12:01:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1955.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 10-May-2015 04:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:01:55 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:46:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.846	0.000	96	829080	80.0	85.3	
2 N-Nitrosodimethylamine	74	2.087	2.081	0.006	89	1167791	80.0	83.6	
3 Pyridine	79	2.110	2.110	0.000	91	1938161	80.0	83.6	
$ 4 2-Fluorophenol	112	3.257	3.251	0.006	94	1870527	80.0	87.2	
$ 6 Phenol-d5	99	4.187	4.175	0.012	96	2209029	80.0	85.7	
7 Phenol	94	4.198	4.187	0.011	98	2465791	80.0	88.4	
8 Aniline	93	4.216	4.210	0.006	100	2823615	80.0	84.2	
9 Bis(2-chloroethyl)ether	93	4.281	4.275	0.006	96	1811963	80.0	87.6	
10 Benzonitrile	103	4.310	4.304	0.006	66	3230515	NC	NC	
11 2-Chlorophenol	128	4.340	4.334	0.006	94	1729131	80.0	82.7	
12 n-Decane	43	4.381	4.381	0.000	88	2004175	80.0	78.8	
13 1,3-Dichlorobenzene	146	4.487	4.487	0.000	94	1970238	80.0	83.2	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.539	0.001	98	579047	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.557	4.557	0.000	93	1996202	80.0	83.1	
16 Benzyl alcohol	108	4.687	4.675	0.012	93	1048574	80.0	86.8	
17 1,2-Dichlorobenzene	146	4.710	4.710	0.000	94	1831864	80.0	83.4	
18 2-Methylphenol	108	4.792	4.787	0.005	89	1531362	80.0	83.6	
19 2,2'-oxybis[1-chloropropan	45	4.810	4.810	0.000	94	2343513	80.0	80.1	
20 N-Methylaniline	106	4.934	4.928	0.006	84	2549358	NC	NC	
21 Acetophenone	105	4.951	4.945	0.006	95	2218579	80.0	82.0	
22 N-Nitrosodi-n-propylamine	70	4.981	4.945	0.036	88	1170834	80.0	83.0	
23 3 & 4 Methylphenol	108	4.957	4.945	0.012	96	1723925	80.0	84.8	
24 4-Methylphenol	108	4.957	4.945	0.012	92	1723925	80.0	84.8	
25 Hexachloroethane	117	5.051	5.045	0.006	96	741376	80.0	85.3	
$ 26 Nitrobenzene-d5	82	5.098	5.092	0.006	87	1872594	80.0	85.7	
27 n,n'-Dimethylaniline	120	5.128	5.116	0.012	89	2555966	80.0	83.7	
28 Nitrobenzene	77	5.122	5.116	0.006	86	2507711	80.0	85.0	
31 Isophorone	82	5.369	5.357	0.012	99	2731075	80.0	82.8	
32 2-Nitrophenol	139	5.434	5.428	0.006	88	842315	80.0	84.7	
33 2,4-Dimethylphenol	122	5.481	5.475	0.006	90	1307851	80.0	83.7	
34 Bis(2-chloroethoxy)methane	93	5.569	5.563	0.006	99	1772001	80.0	84.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.657	5.628	0.029	86	757512	80.0	84.4	
36 2,4-Dichlorophenol	162	5.681	5.675	0.006	95	1196789	80.0	86.9	
37 1,2,4-Trichlorobenzene	180	5.763	5.757	0.006	94	1334477	80.0	85.8	
* 38 Naphthalene-d8	136	5.816	5.816	0.000	100	1973184	40.0	40.0	
39 Naphthalene	128	5.839	5.834	0.005	100	4587933	80.0	83.5	
40 4-Chloroaniline	127	5.892	5.886	0.006	95	1743442	80.0	83.6	
41 Hexachlorobutadiene	225	5.969	5.969	0.000	95	756859	80.0	85.4	
43 4-Chloro-3-methylphenol	107	6.375	6.369	0.006	97	1123696	80.0	83.3	
44 2-Methylnaphthalene	142	6.528	6.528	0.000	94	2779858	80.0	83.1	
45 1-Methylnaphthalene	142	6.628	6.628	0.000	94	2567620	80.0	83.4	
46 Hexachlorocyclopentadiene	237	6.698	6.692	0.006	96	738834	80.0	89.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.704	6.698	0.006	96	1103723	80.0	80.6	
48 2-tertbutyl-4-methylphenol	149	6.728	6.722	0.006	91	1748593	80.0	83.5	
49 2,4,6-Trichlorophenol	196	6.810	6.810	0.000	88	737804	80.0	83.8	
50 2,4,5-Trichlorophenol	196	6.845	6.839	0.006	95	722093	80.0	79.8	
$ 51 2-Fluorobiphenyl	172	6.892	6.892	0.000	98	2895339	80.0	84.5	
52 1,1'-Biphenyl	154	6.998	6.992	0.006	96	3034618	80.0	80.0	
53 2-Chloronaphthalene	162	7.016	7.010	0.006	99	2346293	80.0	79.9	
54 Phenyl ether	170	7.098	7.092	0.006	87	1569651	80.0	79.9	
56 2-Nitroaniline	65	7.116	7.110	0.006	95	874571	80.0	78.1	
57 1,3-Dimethylnaphthalene	156	7.234	7.228	0.006	92	1811986	80.0	79.2	
58 Dimethyl phthalate	163	7.304	7.298	0.006	98	2142594	80.0	78.3	
59 Coumarin	146	7.328	7.316	0.012	77	684581	80.0	81.5	
60 2,6-Dinitrotoluene	165	7.357	7.345	0.012	95	519814	80.0	83.1	
61 Acenaphthylene	152	7.428	7.422	0.006	97	3317194	80.0	79.7	
64 3-Nitroaniline	138	7.522	7.516	0.006	93	564665	80.0	80.2	
* 65 Acenaphthene-d10	164	7.563	7.563	0.000	92	901314	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.586	7.580	0.006	98	2064697	80.0	82.6	
67 Acenaphthene	154	7.598	7.598	0.000	95	2150698	80.0	76.5	
68 2,4-Dinitrophenol	184	7.628	7.616	0.012	94	619375	160.0	165.0	
69 4-Nitrophenol	65	7.692	7.680	0.012	95	815550	160.0	159.1	
70 2,4-Dinitrotoluene	165	7.751	7.745	0.006	93	612053	80.0	83.3	
71 Dibenzofuran	168	7.769	7.763	0.006	96	2956173	80.0	79.1	
72 2,3,4,6-Tetrachlorophenol	232	7.886	7.886	0.000	91	491916	80.0	80.8	
73 Diethyl phthalate	149	7.992	7.986	0.006	98	1953176	80.0	78.7	
74 4-Chlorophenyl phenyl ethe	204	8.098	8.098	0.000	91	1056253	80.0	79.7	
75 Fluorene	166	8.104	8.104	0.000	95	2216865	80.0	78.8	
76 4-Nitroaniline	138	8.139	8.122	0.017	93	478383	80.0	80.8	
77 4,6-Dinitro-2-methylphenol	198	8.163	8.151	0.012	86	706819	160.0	171.8	
78 N-Nitrosodiphenylamine	169	8.222	8.216	0.006	66	1495044	80.0	84.0	
79 1,2-Diphenylhydrazine	77	8.257	8.257	0.000	98	2425818	80.0	82.5	
$ 80 2,4,6-Tribromophenol	330	8.345	8.339	0.006	94	256319	80.0	83.9	
81 4-Bromophenyl phenyl ether	248	8.580	8.580	0.000	85	523349	80.0	85.8	
83 Hexachlorobenzene	284	8.657	8.651	0.006	99	551027	80.0	90.4	
85 Pentachlorophenol	266	8.845	8.839	0.006	93	711145	160.0	174.0	
86 Pentachloronitrobenzene	237	8.857	8.857	0.000	88	213243	80.0	85.4	
87 n-Octadecane	57	8.910	8.910	0.000	90	1741289	80.0	84.4	
* 88 Phenanthrene-d10	188	9.022	9.022	0.000	99	1042071	40.0	40.0	
89 Phenanthrene	178	9.051	9.045	0.006	98	2567613	80.0	83.4	
90 Anthracene	178	9.098	9.098	0.000	98	2636467	80.0	84.4	
91 Carbazole	167	9.251	9.251	0.000	96	2149957	80.0	82.2	
92 Di-n-butyl phthalate	149	9.586	9.586	0.000	100	2629822	80.0	84.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.216	10.216	0.000	99	2197649	80.0	85.3	
94 Benzidine	184	10.345	10.339	0.006	99	947291	80.0	86.7	
95 Pyrene	202	10.451	10.451	0.000	97	2117909	80.0	82.0	
82 Bisphenol-A	213	10.486	10.486	0.000	99	667024	80.0	108.2	
$ 96 Terphenyl-d14	244	10.604	10.604	0.000	99	1487736	80.0	88.8	
97 Butyl benzyl phthalate	149	11.139	11.139	0.000	98	815557	80.0	83.3	
99 Carbamazepine	193	11.274	11.268	0.006	92	528049	80.0	87.9	
100 3,3'-Dichlorobenzidine	252	11.780	11.780	0.000	99	461173	80.0	86.6	
101 Benzo[a]anthracene	228	11.821	11.815	0.006	98	1457996	80.0	82.9	
* 102 Chrysene-d12	240	11.833	11.833	0.000	99	553371	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.845	11.851	-0.006	90	1107904	80.0	84.1	
103 Chrysene	228	11.868	11.863	0.005	99	1327331	80.0	81.8	
105 Di-n-octyl phthalate	149	12.721	12.721	0.000	98	1597213	80.0	84.4	
106 Benzo[b]fluoranthene	252	13.257	13.257	0.000	99	1023642	80.0	87.5	
107 Benzo[k]fluoranthene	252	13.298	13.292	0.006	99	1111756	80.0	84.9	
108 Benzo[a]pyrene	252	13.710	13.709	0.001	96	953831	80.0	88.5	
* 109 Perylene-d12	264	13.786	13.786	0.000	97	371806	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.386	15.380	0.006	99	737640	80.0	98.7	M
111 Dibenz(a,h)anthracene	278	15.421	15.415	0.006	96	754126	80.0	95.5	
112 Benzo[g,h,i]perylene	276	15.839	15.833	0.006	96	742086	80.0	86.8	
S 119 Total Cresols	1				0			168.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L7_00006 Amount Added: 1.00 Units: mL

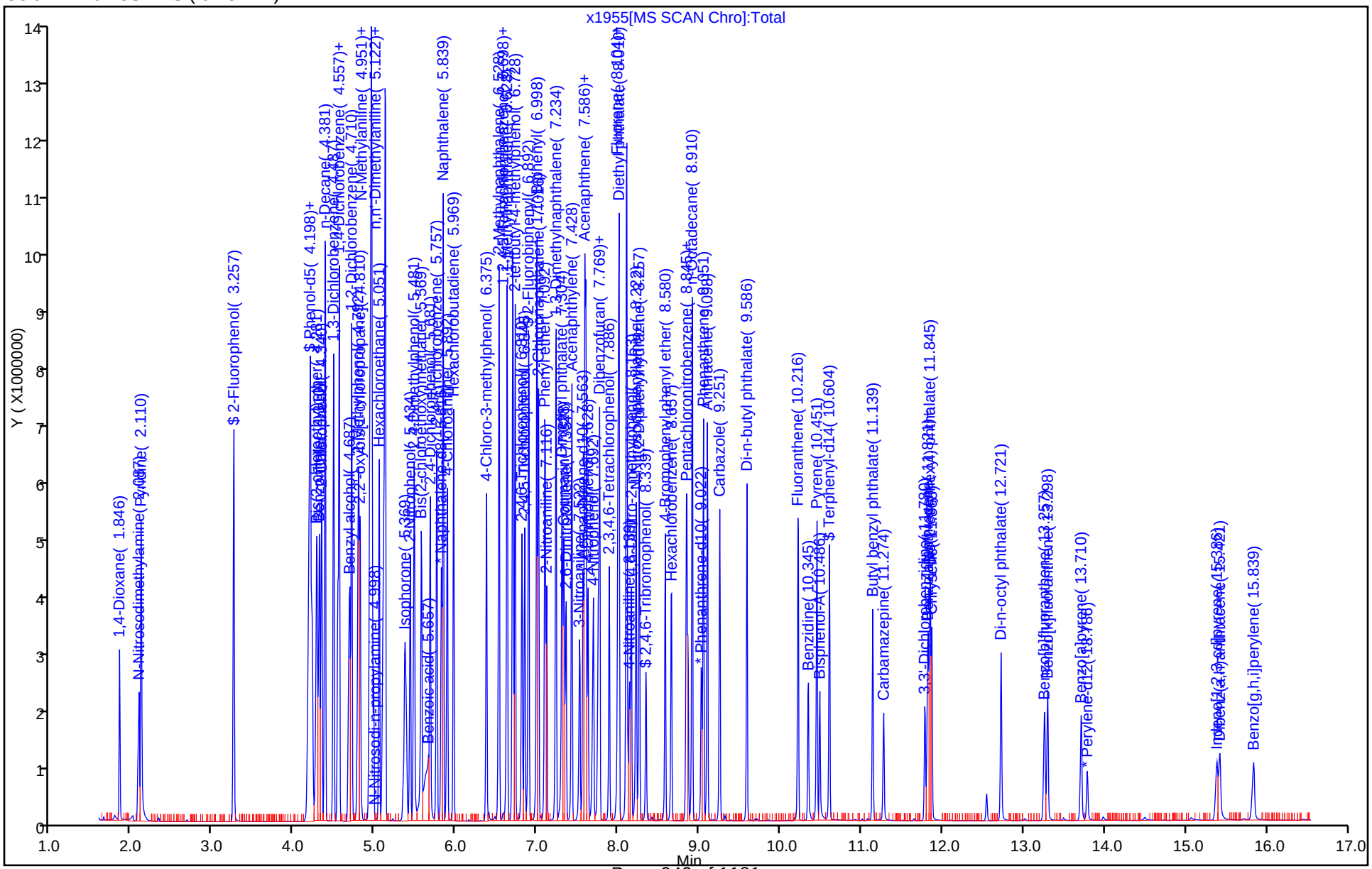
Report Date: 11-May-2015 12:01:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1955.D

Injection Date:	10-May-2015 04:42:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

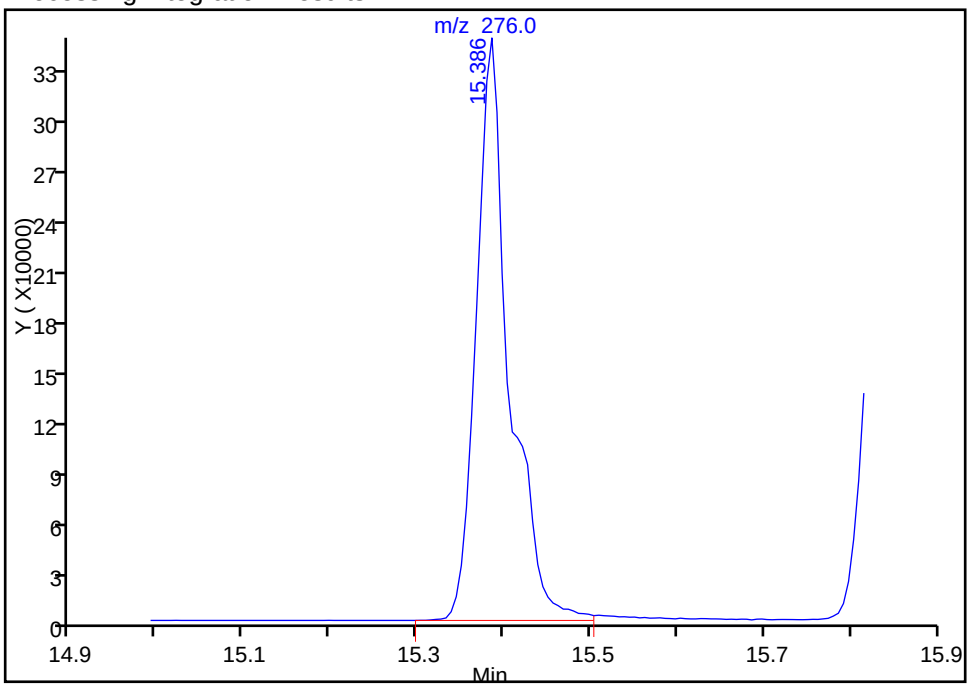
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1955.D				
Injection Date:	10-May-2015 04:42:30	Instrument ID:	CBNAMS5		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

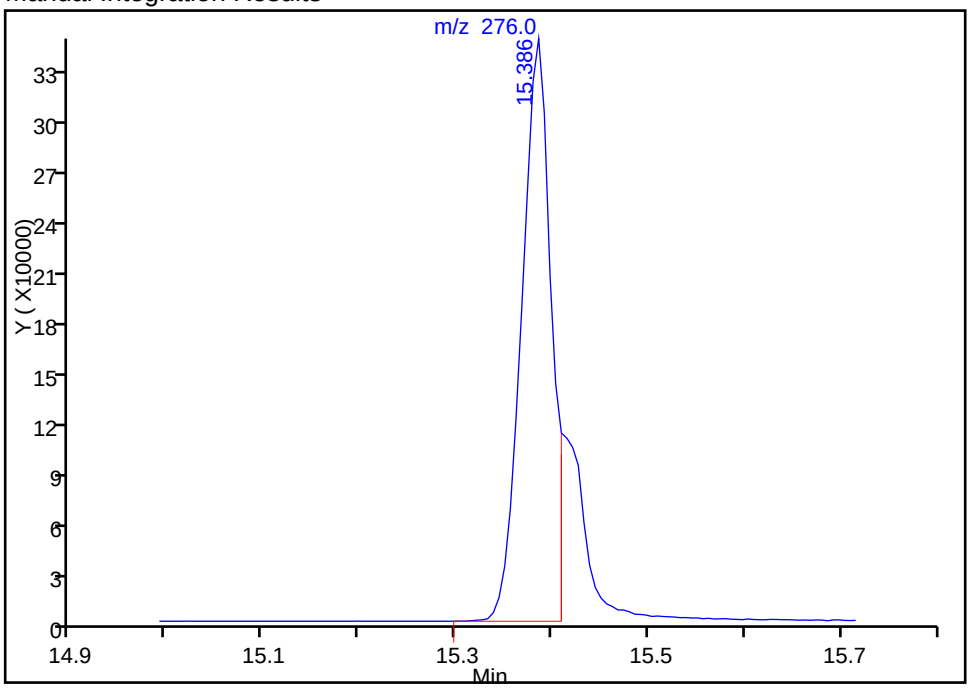
Processing Integration Results

RT: 15.39
Area: 906561
Amount: 91.212680
Amount Units: ug/ml



Manual Integration Results

RT: 15.39
Area: 737640
Amount: 98.662503
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:47:22
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 11-May-2015 12:02:05 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1956.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 10-May-2015 05:05:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:02:03 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:48:13

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.852	1.846	0.006	98	208834	20.0	18.6	
	2 N-Nitrosodimethylamine	74	2.075	2.081	-0.006	88	309696	20.0	19.2	
	3 Pyridine	79	2.110	2.110	0.000	89	514088	20.0	19.2	
$	4 2-Fluorophenol	112	3.252	3.251	0.001	93	487690	20.0	19.7	
$	6 Phenol-d5	99	4.157	4.175	-0.018	89	601638	20.0	20.2	
	7 Phenol	94	4.169	4.187	-0.018	99	601127	20.0	18.6	
	8 Aniline	93	4.199	4.210	-0.011	99	732978	20.0	18.9	
	9 Bis(2-chloroethyl)ether	93	4.263	4.275	-0.012	96	466432	20.0	19.5	
	10 Benzonitrile	103	4.281	4.304	-0.023	67	873638	NC	NC	
	11 2-Chlorophenol	128	4.322	4.334	-0.012	93	463839	20.0	19.2	
	12 n-Decane	43	4.375	4.381	-0.006	89	583914	20.0	19.9	
	13 1,3-Dichlorobenzene	146	4.481	4.487	-0.006	94	526079	20.0	19.2	
*	14 1,4-Dichlorobenzene-d4	152	4.534	4.539	-0.005	99	669859	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.551	4.557	-0.006	93	529379	20.0	19.0	
	16 Benzyl alcohol	108	4.663	4.675	-0.012	92	259607	20.0	18.6	
	17 1,2-Dichlorobenzene	146	4.704	4.710	-0.006	94	490401	20.0	19.3	
	18 2-Methylphenol	108	4.775	4.787	-0.012	88	407325	20.0	19.2	
	19 2,2'-oxybis[1-chloropropan	45	4.804	4.810	-0.006	94	663685	20.0	19.6	
	20 N-Methylaniline	106	4.922	4.928	-0.006	86	699400	NC	NC	
	21 Acetophenone	105	4.934	4.945	-0.011	91	611691	20.0	19.5	
	22 N-Nitrosodi-n-propylamine	70	4.934	4.945	-0.011	66	321367	20.0	19.7	
	23 3 & 4 Methylphenol	108	4.934	4.945	-0.011	77	464028	20.0	19.7	
	24 4-Methylphenol	108	4.934	4.945	-0.011	80	464028	20.0	19.7	
	25 Hexachloroethane	117	5.046	5.045	0.001	95	199080	20.0	19.8	
$	26 Nitrobenzene-d5	82	5.081	5.092	-0.011	90	524504	20.0	20.3	
	27 n,n'-Dimethylaniline	120	5.110	5.116	-0.006	94	687483	20.0	19.5	
	28 Nitrobenzene	77	5.104	5.116	-0.012	93	688733	20.0	19.8	
	31 Isophorone	82	5.346	5.357	-0.011	99	783473	20.0	20.1	
	32 2-Nitrophenol	139	5.422	5.428	-0.006	87	224640	20.0	19.2	
	33 2,4-Dimethylphenol	122	5.463	5.475	-0.012	89	351870	20.0	19.1	
	34 Bis(2-chloroethoxy)methane	93	5.557	5.563	-0.006	98	473189	20.0	19.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.575	5.628	-0.053	89	218514	20.0	20.6	
36 2,4-Dichlorophenol	162	5.663	5.675	-0.012	94	323584	20.0	19.9	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	94	355498	20.0	19.4	
* 38 Naphthalene-d8	136	5.810	5.816	-0.006	100	2327370	40.0	40.0	
39 Naphthalene	128	5.834	5.834	0.000	100	1243812	20.0	19.2	
40 4-Chloroaniline	127	5.881	5.886	-0.005	96	473236	20.0	19.2	
41 Hexachlorobutadiene	225	5.963	5.969	-0.006	94	204004	20.0	19.5	
43 4-Chloro-3-methylphenol	107	6.363	6.369	-0.006	97	311104	20.0	19.5	
44 2-Methylnaphthalene	142	6.522	6.528	-0.006	85	763506	20.0	19.4	
45 1-Methylnaphthalene	142	6.622	6.628	-0.006	94	696051	20.0	19.2	
46 Hexachlorocyclopentadiene	237	6.693	6.692	0.000	96	172296	20.0	19.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.693	6.698	-0.006	95	299524	20.0	20.5	
48 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	90	489663	20.0	19.8	
49 2,4,6-Trichlorophenol	196	6.804	6.810	-0.006	88	195560	20.0	20.8	
50 2,4,5-Trichlorophenol	196	6.834	6.839	-0.005	95	205067	20.0	21.2	
$ 51 2-Fluorobiphenyl	172	6.887	6.892	-0.005	98	813433	20.0	22.2	
52 1,1'-Biphenyl	154	6.987	6.992	-0.005	95	836111	20.0	20.6	
53 2-Chloronaphthalene	162	7.004	7.010	-0.006	99	656318	20.0	20.9	
54 Phenyl ether	170	7.087	7.092	-0.005	89	441116	20.0	21.0	
56 2-Nitroaniline	65	7.104	7.110	-0.006	96	252483	20.0	21.1	
57 1,3-Dimethylnaphthalene	156	7.222	7.228	-0.006	91	525887	20.0	21.5	
58 Dimethyl phthalate	163	7.287	7.298	-0.011	99	615207	20.0	21.0	
59 Coumarin	146	7.310	7.316	-0.006	72	196481	20.0	19.8	
60 2,6-Dinitrotoluene	165	7.340	7.345	-0.005	94	147500	20.0	22.1	
61 Acenaphthylene	152	7.416	7.422	-0.006	97	915742	20.0	20.6	
64 3-Nitroaniline	138	7.510	7.516	-0.006	92	157246	20.0	20.9	
* 65 Acenaphthene-d10	164	7.557	7.563	-0.006	97	963303	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.575	7.580	-0.005	97	571323	20.0	21.4	
67 Acenaphthene	154	7.592	7.598	-0.006	95	651144	20.0	21.7	
68 2,4-Dinitrophenol	184	7.610	7.616	-0.006	65	160761	40.0	41.8	
69 4-Nitrophenol	65	7.669	7.680	-0.011	96	238262	40.0	43.5	
70 2,4-Dinitrotoluene	165	7.739	7.745	-0.006	93	175465	20.0	22.3	
71 Dibenzofuran	168	7.757	7.763	-0.006	96	835029	20.0	20.9	
72 2,3,4,6-Tetrachlorophenol	232	7.881	7.886	-0.005	91	136818	20.0	21.0	
73 Diethyl phthalate	149	7.981	7.986	-0.005	98	564690	20.0	21.3	
74 4-Chlorophenyl phenyl ethe	204	8.092	8.098	-0.006	85	299536	20.0	21.1	
75 Fluorene	166	8.098	8.104	-0.006	96	635918	20.0	21.2	
76 4-Nitroaniline	138	8.110	8.122	-0.012	93	138939	20.0	22.0	
77 4,6-Dinitro-2-methylphenol	198	8.139	8.151	-0.012	82	189529	40.0	37.8	
78 N-Nitrosodiphenylamine	169	8.210	8.216	-0.006	67	421128	20.0	18.8	
79 1,2-Diphenylhydrazine	77	8.251	8.257	-0.006	98	702839	20.0	19.0	
$ 80 2,4,6-Tribromophenol	330	8.334	8.339	-0.005	92	73119	20.0	22.4	
81 4-Bromophenyl phenyl ether	248	8.575	8.580	-0.005	85	145763	20.0	19.0	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	99	153704	20.0	20.1	
85 Pentachlorophenol	266	8.834	8.839	-0.005	92	191528	40.0	38.2	
86 Pentachloronitrobenzene	237	8.851	8.857	-0.006	86	62052	20.0	19.8	
87 n-Octadecane	57	8.910	8.910	0.000	92	504920	20.0	19.5	
* 88 Phenanthrene-d10	188	9.022	9.022	0.000	99	1309218	40.0	40.0	
89 Phenanthrene	178	9.045	9.045	0.000	98	741099	20.0	19.2	
90 Anthracene	178	9.092	9.098	-0.006	98	761462	20.0	19.4	
91 Carbazole	167	9.245	9.251	-0.006	96	636347	20.0	19.4	
92 Di-n-butyl phthalate	149	9.581	9.586	-0.005	100	758421	20.0	19.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.216	10.216	0.000	98	633471	20.0	19.6	
94 Benzidine	184	10.339	10.339	0.000	99	280185	20.0	20.4	
95 Pyrene	202	10.445	10.451	-0.006	97	624566	20.0	18.7	
82 Bisphenol-A	213	10.480	10.486	-0.006	99	181585	20.0	22.7	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	99	438682	20.0	20.2	
97 Butyl benzyl phthalate	149	11.133	11.139	-0.006	98	242135	20.0	19.1	
99 Carbamazepine	193	11.263	11.268	-0.005	92	155011	20.0	19.9	
100 3,3'-Dichlorobenzidine	252	11.780	11.780	0.000	100	138600	20.0	20.1	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	99	440362	20.0	19.3	
* 102 Chrysene-d12	240	11.827	11.833	-0.006	99	717606	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.845	11.851	-0.006	91	328853	20.0	19.2	
103 Chrysene	228	11.857	11.863	-0.006	99	400807	20.0	19.0	
105 Di-n-octyl phthalate	149	12.722	12.721	0.001	98	461307	20.0	20.0	
106 Benzo[b]fluoranthene	252	13.251	13.257	-0.006	99	294268	20.0	20.7	
107 Benzo[k]fluoranthene	252	13.286	13.292	-0.006	99	315210	20.0	19.8	
108 Benzo[a]pyrene	252	13.704	13.709	-0.005	97	265122	20.0	20.2	
* 109 Perylene-d12	264	13.786	13.786	0.000	97	452905	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.368	15.380	-0.012	99	180968	20.0	19.9	
111 Dibenz(a,h)anthracene	278	15.410	15.415	-0.005	95	194324	20.0	20.2	
112 Benzo[g,h,i]perylene	276	15.821	15.833	-0.012	96	194215	20.0	18.6	
S 119 Total Cresols	1				0			38.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00006 Amount Added: 1.00 Units: mL

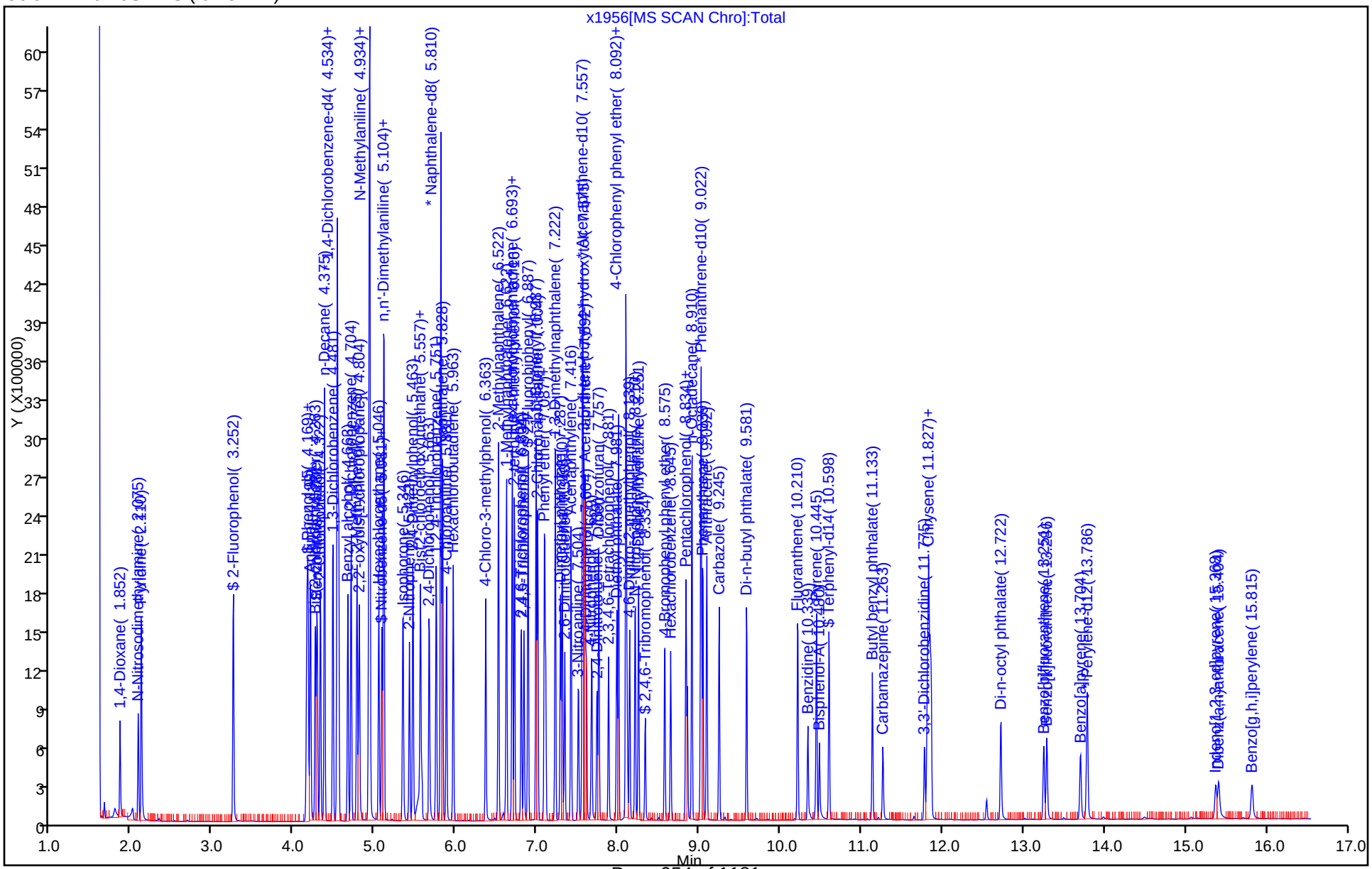
Report Date: 11-May-2015 12:02:05 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1956.D

Injection Date:	10-May-2015 05:05:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1957.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-May-2015 05:27:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:02:10 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:49:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.857	1.846	0.011	99	125936	10.0	9.71	
2 N-Nitrosodimethylamine	74	2.081	2.081	0.000	87	187107	10.0	10.0	
3 Pyridine	79	2.116	2.110	0.006	89	307806	10.0	9.96	
$ 4 2-Fluorophenol	112	3.251	3.251	0.000	93	279888	10.0	9.79	
$ 6 Phenol-d5	99	4.151	4.175	-0.024	87	342087	10.0	9.96	
7 Phenol	94	4.169	4.187	-0.018	99	358870	10.0	9.65	
8 Aniline	93	4.198	4.210	-0.012	99	448729	10.0	10.0	
9 Bis(2-chloroethyl)ether	93	4.257	4.275	-0.018	96	281495	10.0	10.2	
10 Benzonitrile	103	4.275	4.304	-0.029	67	504261	NC	NC	
11 2-Chlorophenol	128	4.322	4.334	-0.012	93	281511	10.0	10.1	
12 n-Decane	43	4.375	4.381	-0.006	90	346702	10.0	10.2	
13 1,3-Dichlorobenzene	146	4.475	4.487	-0.012	94	314709	10.0	9.96	
* 14 1,4-Dichlorobenzene-d4	152	4.534	4.539	-0.005	99	772034	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.545	4.557	-0.012	95	317372	10.0	9.91	
16 Benzyl alcohol	108	4.657	4.675	-0.018	92	156861	10.0	9.74	
17 1,2-Dichlorobenzene	146	4.704	4.710	-0.006	93	291985	10.0	9.97	
18 2-Methylphenol	108	4.775	4.787	-0.012	87	247133	10.0	10.1	
19 2,2'-oxybis[1-chloropropan	45	4.804	4.810	-0.006	94	404572	10.0	10.4	
20 N-Methylaniline	106	4.922	4.928	-0.006	87	407029	NC	NC	
21 Acetophenone	105	4.928	4.945	-0.017	90	370878	10.0	10.3	
22 N-Nitrosodi-n-propylamine	70	4.928	4.945	-0.017	90	195755	10.0	10.4	
23 3 & 4 Methylphenol	108	4.928	4.945	-0.017	79	279967	10.0	10.3	
24 4-Methylphenol	108	4.928	4.945	-0.017	84	279967	10.0	10.3	
25 Hexachloroethane	117	5.045	5.045	0.000	95	116921	10.0	10.1	
$ 26 Nitrobenzene-d5	82	5.081	5.092	-0.011	89	302007	10.0	10.1	
27 n,n'-Dimethylaniline	120	5.104	5.116	-0.012	93	395217	10.0	9.71	
28 Nitrobenzene	77	5.104	5.116	-0.012	94	408266	10.0	10.1	
31 Isophorone	82	5.339	5.357	-0.018	99	463524	10.0	10.3	
32 2-Nitrophenol	139	5.422	5.428	-0.006	86	133613	10.0	9.85	
33 2,4-Dimethylphenol	122	5.463	5.475	-0.012	90	213011	10.0	9.99	
34 Bis(2-chloroethoxy)methane	93	5.557	5.563	-0.006	98	282210	10.0	9.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.551	5.628	-0.077	90	111496	10.0	9.10	
36 2,4-Dichlorophenol	162	5.663	5.675	-0.012	94	190868	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	93	219880	10.0	10.4	
* 38 Naphthalene-d8	136	5.810	5.816	-0.006	100	2693596	40.0	40.0	
39 Naphthalene	128	5.828	5.834	-0.006	99	751367	10.0	10.0	
40 4-Chloroaniline	127	5.875	5.886	-0.011	95	282997	10.0	9.94	
41 Hexachlorobutadiene	225	5.963	5.969	-0.006	94	122381	10.0	10.1	
43 4-Chloro-3-methylphenol	107	6.363	6.369	-0.006	96	190110	10.0	10.3	
44 2-Methylnaphthalene	142	6.522	6.528	-0.006	84	456288	10.0	10.0	
45 1-Methylnaphthalene	142	6.616	6.628	-0.012	93	422907	10.0	10.1	
46 Hexachlorocyclopentadiene	237	6.686	6.692	-0.006	96	99896	10.0	8.68	
47 1,2,4,5-Tetrachlorobenzene	216	6.692	6.698	-0.006	96	180050	10.0	9.47	
48 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	91	279359	10.0	9.77	
49 2,4,6-Trichlorophenol	196	6.798	6.810	-0.012	87	118552	10.0	9.69	
50 2,4,5-Trichlorophenol	196	6.833	6.839	-0.006	95	122664	10.0	9.76	
$ 51 2-Fluorobiphenyl	172	6.886	6.892	-0.006	98	446977	10.0	9.39	
52 1,1'-Biphenyl	154	6.986	6.992	-0.006	95	504525	10.0	9.57	
53 2-Chloronaphthalene	162	7.004	7.010	-0.006	97	388567	10.0	9.52	
54 Phenyl ether	170	7.086	7.092	-0.006	90	251231	10.0	9.21	
56 2-Nitroaniline	65	7.098	7.110	-0.012	96	148786	10.0	9.56	
57 1,3-Dimethylnaphthalene	156	7.222	7.228	-0.006	91	291508	10.0	9.17	
58 Dimethyl phthalate	163	7.280	7.298	-0.018	99	365664	10.0	9.62	
59 Coumarin	146	7.304	7.316	-0.012	71	113796	10.0	9.93	
60 2,6-Dinitrotoluene	165	7.339	7.345	-0.006	94	88886	10.0	10.2	
61 Acenaphthylene	152	7.416	7.422	-0.006	97	547969	10.0	9.48	
64 3-Nitroaniline	138	7.504	7.516	-0.012	92	91864	10.0	9.39	
* 65 Acenaphthene-d10	164	7.557	7.563	-0.006	92	1252287	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.575	7.580	-0.005	97	306054	10.0	8.81	
67 Acenaphthene	154	7.586	7.598	-0.012	94	387259	10.0	9.91	
68 2,4-Dinitrophenol	184	7.604	7.616	-0.012	70	86890	20.0	18.7	
69 4-Nitrophenol	65	7.669	7.680	-0.011	95	134672	20.0	18.9	
70 2,4-Dinitrotoluene	165	7.733	7.745	-0.012	93	101812	10.0	9.97	
71 Dibenzofuran	168	7.757	7.763	-0.006	95	500023	10.0	9.63	
72 2,3,4,6-Tetrachlorophenol	232	7.880	7.886	-0.006	92	80056	10.0	9.46	
73 Diethyl phthalate	149	7.980	7.986	-0.006	98	331684	10.0	9.61	
74 4-Chlorophenyl phenyl ethe	204	8.092	8.098	-0.006	85	176167	10.0	9.56	
75 Fluorene	166	8.092	8.104	-0.012	96	381711	10.0	9.77	
76 4-Nitroaniline	138	8.104	8.122	-0.018	93	79996	10.0	9.73	
77 4,6-Dinitro-2-methylphenol	198	8.139	8.151	-0.012	82	106949	20.0	19.0	
78 N-Nitrosodiphenylamine	169	8.204	8.216	-0.012	68	245671	10.0	9.42	
79 1,2-Diphenylhydrazine	77	8.245	8.257	-0.012	98	421631	10.0	9.78	
$ 80 2,4,6-Tribromophenol	330	8.333	8.339	-0.006	94	40644	10.0	9.57	
81 4-Bromophenyl phenyl ether	248	8.574	8.580	-0.006	84	85657	10.0	9.57	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	98	88922	10.0	9.95	
85 Pentachlorophenol	266	8.833	8.839	-0.006	91	109126	20.0	19.3	
86 Pentachloronitrobenzene	237	8.851	8.857	-0.006	85	34854	10.0	9.52	
87 n-Octadecane	57	8.904	8.910	-0.006	93	288863	10.0	9.55	
* 88 Phenanthrene-d10	188	9.021	9.022	-0.001	99	1527704	40.0	40.0	
89 Phenanthrene	178	9.039	9.045	-0.006	97	440158	10.0	9.75	
90 Anthracene	178	9.092	9.098	-0.006	98	443106	10.0	9.68	
91 Carbazole	167	9.245	9.251	-0.006	96	379956	10.0	9.91	
92 Di-n-butyl phthalate	149	9.580	9.586	-0.006	100	439874	10.0	9.68	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.210	10.216	-0.006	98	365236	10.0	9.67	
94 Benzidine	184	10.339	10.339	0.000	99	131006	10.0	8.18	
95 Pyrene	202	10.445	10.451	-0.006	97	365944	10.0	10.4	
82 Bisphenol-A	213	10.480	10.486	-0.006	99	65634	10.0	7.78	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	99	231844	10.0	10.1	
97 Butyl benzyl phthalate	149	11.133	11.139	-0.006	97	131750	10.0	9.83	
99 Carbamazepine	193	11.263	11.268	-0.006	92	76029	10.0	9.25	
100 3,3'-Dichlorobenzidine	252	11.774	11.780	-0.006	99	68006	10.0	9.33	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	98	236604	10.0	9.83	
* 102 Chrysene-d12	240	11.827	11.833	-0.006	99	757340	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.845	11.851	-0.006	91	174294	10.0	9.66	
103 Chrysene	228	11.857	11.863	-0.006	99	224447	10.0	10.1	
105 Di-n-octyl phthalate	149	12.715	12.721	-0.006	98	230281	10.0	9.69	
106 Benzo[b]fluoranthene	252	13.245	13.257	-0.012	98	143195	10.0	9.75	
107 Benzo[k]fluoranthene	252	13.286	13.292	-0.006	99	171869	10.0	10.4	
108 Benzo[a]pyrene	252	13.698	13.709	-0.011	97	137294	10.0	10.1	
* 109 Perylene-d12	264	13.786	13.786	0.000	97	466812	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.368	15.380	-0.012	98	84558	10.0	9.01	
111 Dibenz(a,h)anthracene	278	15.409	15.415	-0.006	93	93042	10.0	9.39	
112 Benzo[g,h,i]perylene	276	15.815	15.833	-0.018	97	99149	10.0	9.24	
S 119 Total Cresols	1				0			20.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00006 Amount Added: 1.00 Units: mL

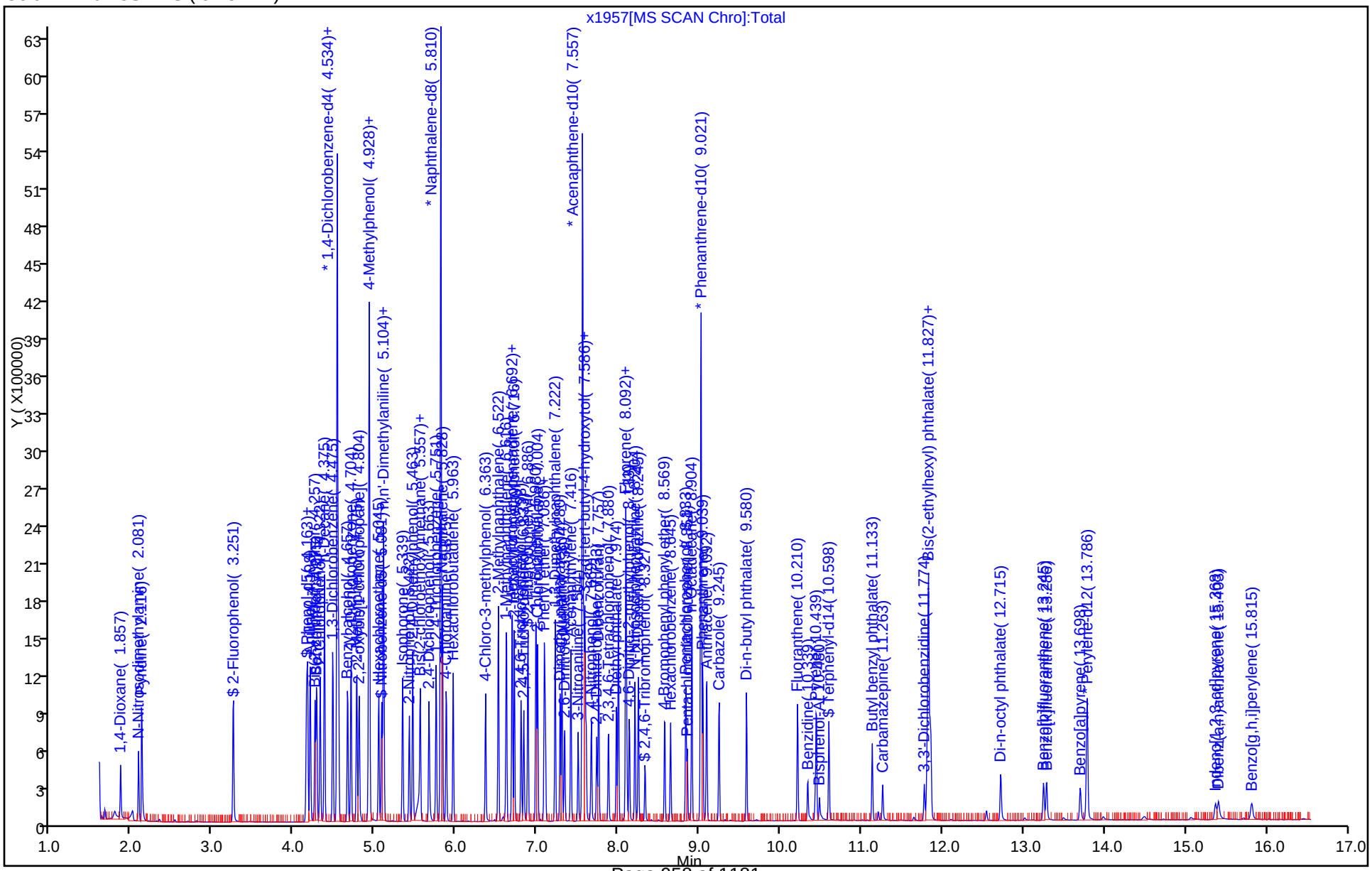
Report Date: 11-May-2015 12:02:11 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1957.D

Injection Date:	10-May-2015 05:27:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 11-May-2015 12:10:14 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1958.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-May-2015 05:50:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:10:11 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 11-May-2015 11:59:21

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.857	1.846	0.011	97	59713	5.00	4.98	
	2 N-Nitrosodimethylamine	74	2.075	2.081	-0.006	87	85090	5.00	4.93	
	3 Pyridine	79	2.116	2.110	0.006	89	135482	5.00	4.73	
$	4 2-Fluorophenol	112	3.246	3.251	-0.005	93	126419	5.00	4.78	
$	6 Phenol-d5	99	4.151	4.175	-0.024	95	153124	5.00	4.82	
	7 Phenol	94	4.163	4.187	-0.024	99	168205	5.00	4.88	
	8 Aniline	93	4.199	4.210	-0.012	100	205400	5.00	4.96	
	9 Bis(2-chloroethyl)ether	93	4.251	4.275	-0.024	97	132692	5.00	5.20	
	10 Benzonitrile	103	4.275	4.304	-0.029	67	230501	NC	NC	
	11 2-Chlorophenol	128	4.322	4.334	-0.012	93	132824	5.00	5.15	
	12 n-Decane	43	4.375	4.381	-0.006	90	166890	5.00	5.32	
	13 1,3-Dichlorobenzene	146	4.475	4.487	-0.012	94	149376	5.00	5.11	
*	14 1,4-Dichlorobenzene-d4	152	4.534	4.534	0.000	98	714713	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.546	4.557	-0.011	96	155305	5.00	5.24	
	16 Benzyl alcohol	108	4.657	4.675	-0.018	91	73473	5.00	4.93	
	17 1,2-Dichlorobenzene	146	4.704	4.710	-0.006	93	139197	5.00	5.13	
	18 2-Methylphenol	108	4.769	4.787	-0.018	88	116012	5.00	5.13	
	19 2,2'-oxybis[1-chloropropan	45	4.798	4.810	-0.012	94	189134	5.00	5.24	
	20 N-Methylaniline	106	4.916	4.928	-0.012	85	183214	NC	NC	
	21 Acetophenone	105	4.928	4.945	-0.017	89	171462	5.00	5.14	
	22 N-Nitrosodi-n-propylamine	70	4.928	4.945	-0.017	84	90377	5.00	5.19	
	23 3 & 4 Methylphenol	108	4.922	4.945	-0.023	83	130667	5.00	5.21	
	24 4-Methylphenol	108	4.922	4.945	-0.023	80	130667	5.00	5.21	
	25 Hexachloroethane	117	5.046	5.045	0.001	95	55293	5.00	5.16	
$	26 Nitrobenzene-d5	82	5.075	5.092	-0.017	90	137062	5.00	4.99	
	27 n,n'-Dimethylaniline	120	5.104	5.116	-0.012	93	182744	5.00	4.85	
	28 Nitrobenzene	77	5.098	5.116	-0.018	93	191093	5.00	5.16	
	31 Isophorone	82	5.334	5.357	-0.023	100	218545	5.00	5.28	
	32 2-Nitrophenol	139	5.422	5.428	-0.006	87	59939	5.00	4.80	
	33 2,4-Dimethylphenol	122	5.463	5.475	-0.012	90	99948	5.00	5.10	
	34 Bis(2-chloroethoxy)methane	93	5.557	5.563	-0.006	98	130168	5.00	4.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.522	5.628	-0.106	88	44097	5.00	3.91	
36 2,4-Dichlorophenol	162	5.663	5.675	-0.012	94	85838	5.00	4.97	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	94	101991	5.00	5.22	
* 38 Naphthalene-d8	136	5.810	5.810	0.000	100	2477338	40.0	40.0	
39 Naphthalene	128	5.828	5.834	-0.006	99	351845	5.00	5.10	
40 4-Chloroaniline	127	5.875	5.886	-0.011	95	133330	5.00	5.09	
41 Hexachlorobutadiene	225	5.963	5.969	-0.006	94	58214	5.00	5.23	
43 4-Chloro-3-methylphenol	107	6.363	6.369	-0.006	97	85716	5.00	5.06	
44 2-Methylnaphthalene	142	6.516	6.528	-0.012	85	214058	5.00	5.10	
45 1-Methylnaphthalene	142	6.616	6.628	-0.012	93	198905	5.00	5.15	
46 Hexachlorocyclopentadiene	237	6.687	6.692	-0.005	94	43822	5.00	4.15	
47 1,2,4,5-Tetrachlorobenzene	216	6.692	6.698	-0.006	96	86224	5.00	4.94	
48 2-tertbutyl-4-methylphenol	149	6.716	6.722	-0.006	91	129613	5.00	4.93	
49 2,4,6-Trichlorophenol	196	6.798	6.810	-0.012	87	56607	5.00	5.04	
50 2,4,5-Trichlorophenol	196	6.834	6.839	-0.005	95	56142	5.00	4.86	
$ 51 2-Fluorobiphenyl	172	6.881	6.892	-0.011	98	211402	5.00	4.84	
52 1,1'-Biphenyl	154	6.981	6.992	-0.011	95	237231	5.00	4.90	
53 2-Chloronaphthalene	162	7.004	7.010	-0.006	97	180916	5.00	4.83	
54 Phenyl ether	170	7.087	7.092	-0.005	89	115503	5.00	4.61	
56 2-Nitroaniline	65	7.098	7.110	-0.012	97	70771	5.00	4.95	
57 1,3-Dimethylnaphthalene	156	7.222	7.228	-0.006	91	133878	5.00	4.59	
58 Dimethyl phthalate	163	7.281	7.298	-0.017	99	178465	5.00	5.11	
59 Coumarin	146	7.298	7.316	-0.018	71	52981	5.00	5.03	
60 2,6-Dinitrotoluene	165	7.334	7.345	-0.011	94	41610	5.00	5.21	
61 Acenaphthylene	152	7.410	7.422	-0.012	98	265616	5.00	5.00	
64 3-Nitroaniline	138	7.504	7.516	-0.012	92	44133	5.00	4.92	
* 65 Acenaphthene-d10	164	7.557	7.557	0.000	92	1149609	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.575	7.580	-0.005	97	138997	5.00	4.36	
67 Acenaphthene	154	7.587	7.598	-0.011	94	183618	5.00	5.12	
68 2,4-Dinitrophenol	184	7.598	7.616	-0.018	93	34832	10.0	9.41	
69 4-Nitrophenol	65	7.663	7.680	-0.017	96	63193	10.0	9.67	
70 2,4-Dinitrotoluene	165	7.734	7.745	-0.011	94	49483	5.00	5.28	
71 Dibenzofuran	168	7.757	7.763	-0.006	95	238549	5.00	5.00	
72 2,3,4,6-Tetrachlorophenol	232	7.875	7.886	-0.011	92	39050	5.00	5.03	
73 Diethyl phthalate	149	7.975	7.986	-0.011	98	160177	5.00	5.06	
74 4-Chlorophenyl phenyl ethe	204	8.092	8.098	-0.006	85	84418	5.00	4.99	
75 Fluorene	166	8.092	8.104	-0.012	96	178037	5.00	4.96	
76 4-Nitroaniline	138	8.098	8.122	-0.024	94	38749	5.00	5.13	
77 4,6-Dinitro-2-methylphenol	198	8.134	8.151	-0.017	81	49686	10.0	10.0	
78 N-Nitrosodiphenylamine	169	8.204	8.216	-0.012	68	116066	5.00	4.66	
79 1,2-Diphenylhydrazine	77	8.245	8.257	-0.012	98	199860	5.00	4.86	
$ 80 2,4,6-Tribromophenol	330	8.328	8.339	-0.011	90	18902	5.00	4.85	
81 4-Bromophenyl phenyl ether	248	8.569	8.580	-0.011	83	41209	5.00	4.82	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	99	42972	5.00	5.03	
85 Pentachlorophenol	266	8.834	8.839	-0.005	91	51440	10.0	10.1	
86 Pentachloronitrobenzene	237	8.845	8.857	-0.012	84	16291	5.00	4.66	
87 n-Octadecane	57	8.904	8.910	-0.006	94	132481	5.00	4.58	
* 88 Phenanthrene-d10	188	9.016	9.022	-0.006	99	1459311	40.0	40.0	
89 Phenanthrene	178	9.039	9.045	-0.006	98	221629	5.00	5.14	
90 Anthracene	178	9.086	9.098	-0.012	98	217474	5.00	4.97	
91 Carbazole	167	9.239	9.251	-0.012	96	191332	5.00	5.22	
92 Di-n-butyl phthalate	149	9.581	9.586	-0.005	100	217101	5.00	5.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	10.210	10.216	-0.006	98	184979	5.00	5.12	
94 Benzidine	184	10.333	10.339	-0.006	99	65574	5.00	4.29	
95 Pyrene	202	10.439	10.451	-0.012	97	191245	5.00	5.17	
82 Bisphenol-A	213	10.480	10.486	-0.006	98	26875	5.00	3.04	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	99	116222	5.00	4.84	
97 Butyl benzyl phthalate	149	11.133	11.139	-0.006	97	70204	5.00	5.00	
99 Carbamazepine	193	11.263	11.268	-0.005	91	37067	5.00	4.30	
100 3,3'-Dichlorobenzidine	252	11.774	11.780	-0.006	98	34466	5.00	4.51	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	98	127949	5.00	5.07	
* 102 Chrysene-d12	240	11.827	11.827	0.000	99	793609	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.845	11.851	-0.006	91	90632	5.00	4.79	
103 Chrysene	228	11.857	11.863	-0.006	99	117452	5.00	5.04	
105 Di-n-octyl phthalate	149	12.716	12.721	-0.005	98	119648	5.00	4.68	
106 Benzo[b]fluoranthene	252	13.245	13.257	-0.012	99	80121	5.00	5.07	
107 Benzo[k]fluoranthene	252	13.280	13.292	-0.012	99	93664	5.00	5.29	
108 Benzo[a]pyrene	252	13.698	13.709	-0.011	96	74676	5.00	5.13	
* 109 Perylene-d12	264	13.786	13.786	0.000	97	502331	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.368	15.380	-0.012	97	53824	5.00	5.33	M
111 Dibenz(a,h)anthracene	278	15.404	15.415	-0.011	93	50868	5.00	4.77	
112 Benzo[g,h,i]perylene	276	15.810	15.833	-0.023	96	51950	5.00	4.50	
S 119 Total Cresols	1				0			10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00008 Amount Added: 1.00 Units: mL

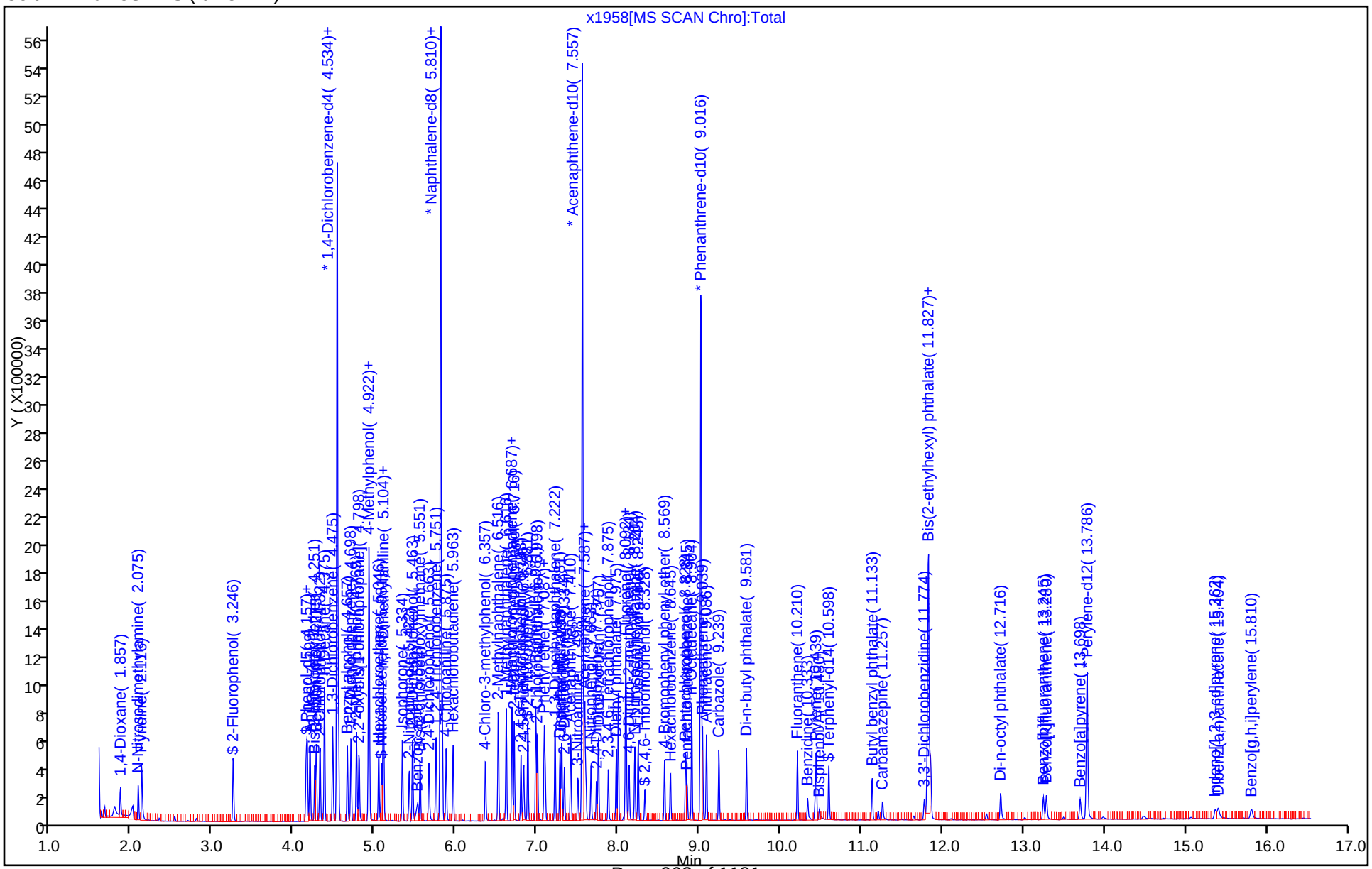
Report Date: 11-May-2015 12:10:14 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1958.D

Injection Date:	10-May-2015 05:50:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

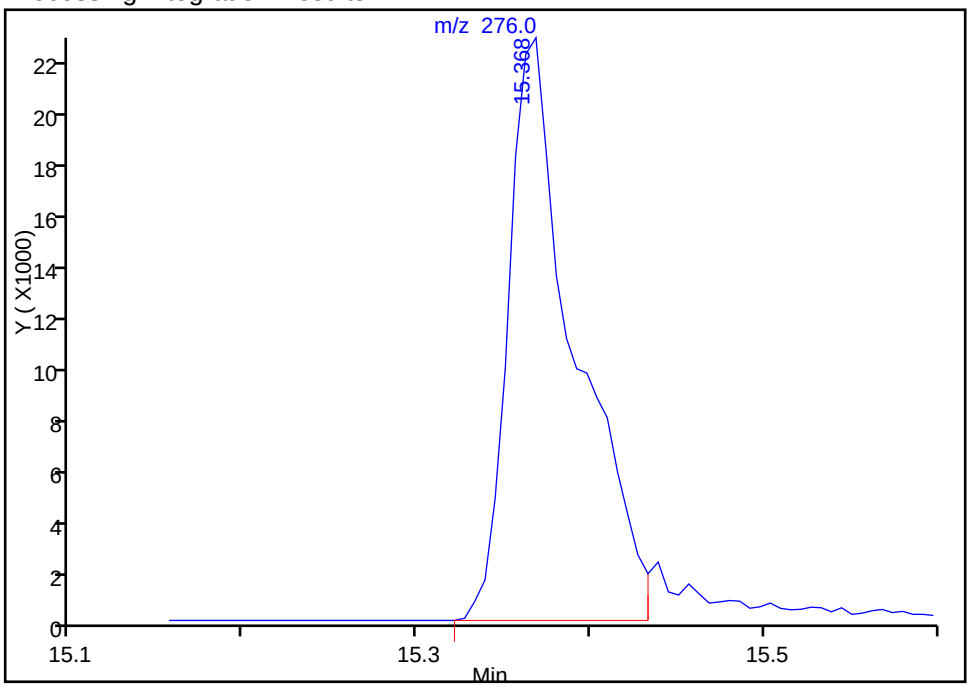
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1958.D				
Injection Date:	10-May-2015 05:50:30	Instrument ID:	CBNAMS5		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

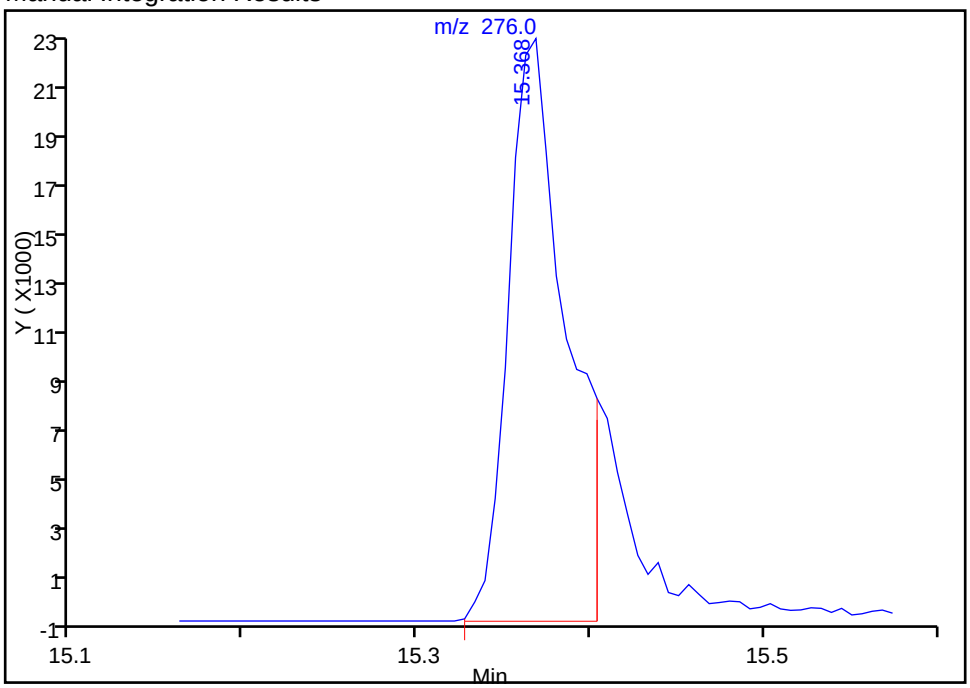
Processing Integration Results

RT: 15.37
Area: 61703
Amount: 5.637861
Amount Units: ug/ml



Manual Integration Results

RT: 15.37
Area: 53824
Amount: 5.328562
Amount Units: ug/ml



Reviewer: bayoumiw, 11-May-2015 04:53:06
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1959.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-May-2015 06:12:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:02:15 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:09:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.245	3.251	-0.006	93	57435	2.00	2.07	
$ 6 Phenol-d5	99	4.145	4.175	-0.030	87	70280	2.00	2.11	
9 Bis(2-chloroethyl)ether	93	4.251	4.275	-0.024	95	48490	2.00	1.81	
* 14 1,4-Dichlorobenzene-d4	152	4.534	4.539	-0.005	99	748140	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.922	4.945	-0.023	88	34861	2.00	1.91	
25 Hexachloroethane	117	5.039	5.045	-0.006	94	20766	2.00	1.85	
$ 26 Nitrobenzene-d5	82	5.075	5.092	-0.017	90	61080	2.00	2.09	
28 Nitrobenzene	77	5.098	5.116	-0.018	92	73957	2.00	1.88	
31 Isophorone	82	5.334	5.357	-0.023	99	84272	2.00	1.91	
36 2,4-Dichlorophenol	162	5.663	5.675	-0.012	93	30384	2.00	1.65	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	94	37399	2.00	1.80	
* 38 Naphthalene-d8	136	5.810	5.816	-0.006	100	2634466	40.0	40.0	
41 Hexachlorobutadiene	225	5.963	5.969	-0.006	93	21595	2.00	1.82	
49 2,4,6-Trichlorophenol	196	6.798	6.810	-0.012	86	19483	2.00	1.64	
$ 51 2-Fluorobiphenyl	172	6.881	6.892	-0.011	98	93660	2.00	2.03	
60 2,6-Dinitrotoluene	165	7.333	7.345	-0.012	95	15238	2.00	1.81	
* 65 Acenaphthene-d10	164	7.557	7.563	-0.006	93	1213111	40.0	40.0	
68 2,4-Dinitrophenol	184	7.598	7.616	-0.018	92	9723	4.00	4.13	
70 2,4-Dinitrotoluene	165	7.728	7.745	-0.017	92	17903	2.00	1.81	
77 4,6-Dinitro-2-methylphenol	198	8.133	8.151	-0.018	81	15605	4.00	4.05	
$ 80 2,4,6-Tribromophenol	330	8.328	8.339	-0.011	89	8212	2.00	2.00	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	98	15159	2.00	1.71	
85 Pentachlorophenol	266	8.833	8.839	-0.006	91	17194	4.00	4.03	
* 88 Phenanthrene-d10	188	9.016	9.022	-0.006	99	1514386	40.0	40.0	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	99	50942	2.00	2.05	
100 3,3'-Dichlorobenzidine	252	11.774	11.780	-0.006	99	13348	2.00	1.69	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	98	47062	2.00	1.80	
* 102 Chrysene-d12	240	11.827	11.833	-0.006	99	821738	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.245	13.257	-0.012	98	29002	2.00	1.78	
107 Benzo[k]fluoranthene	252	13.280	13.292	-0.012	98	33084	2.00	1.81	
108 Benzo[a]pyrene	252	13.698	13.709	-0.011	96	27022	2.00	1.79	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 109 Perylene-d12	264	13.786	13.786	0.000	97	519243	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.368	15.380	-0.012	97	15357	2.00	1.47	
111 Dibenz(a,h)anthracene	278	15.404	15.415	-0.011	93	18304	2.00	1.66	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00004 Amount Added: 1.00 Units: mL

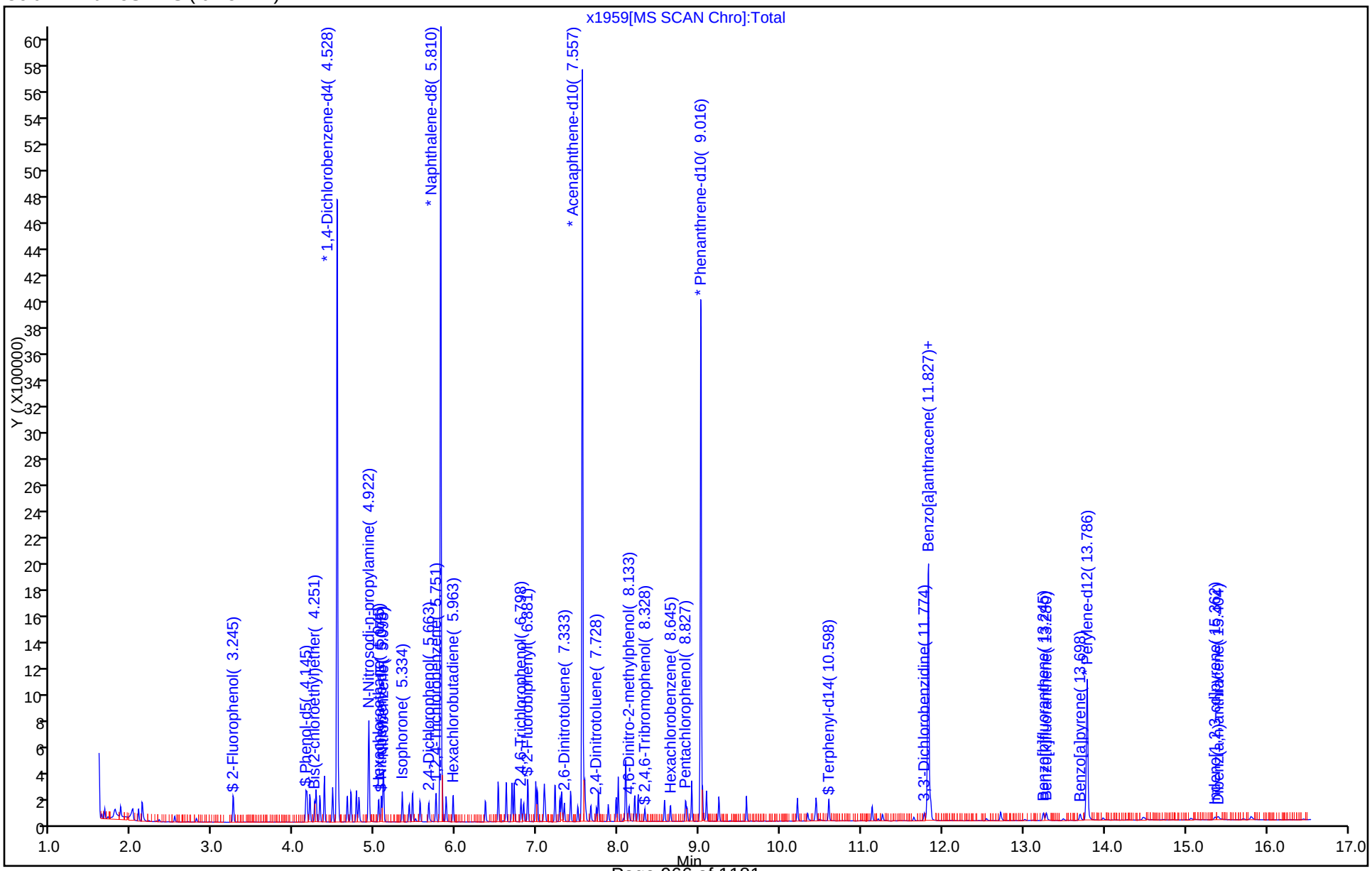
Report Date: 11-May-2015 12:02:18 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1959.D

Injection Date:	10-May-2015 06:12:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

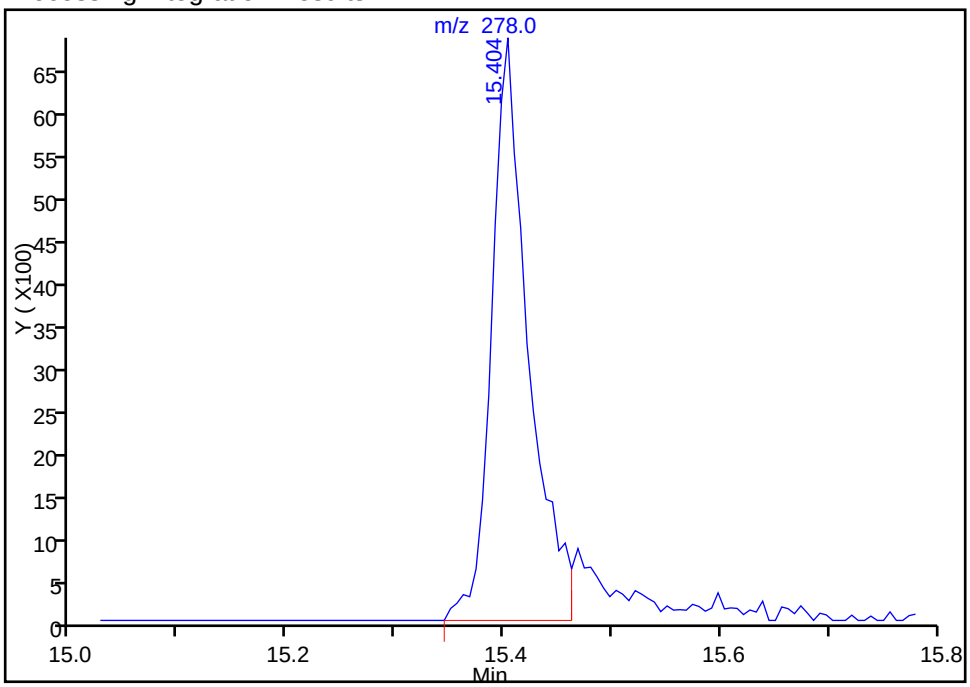
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1959.D				
Injection Date:	10-May-2015 06:12:30	Instrument ID:	CBNAMS5		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

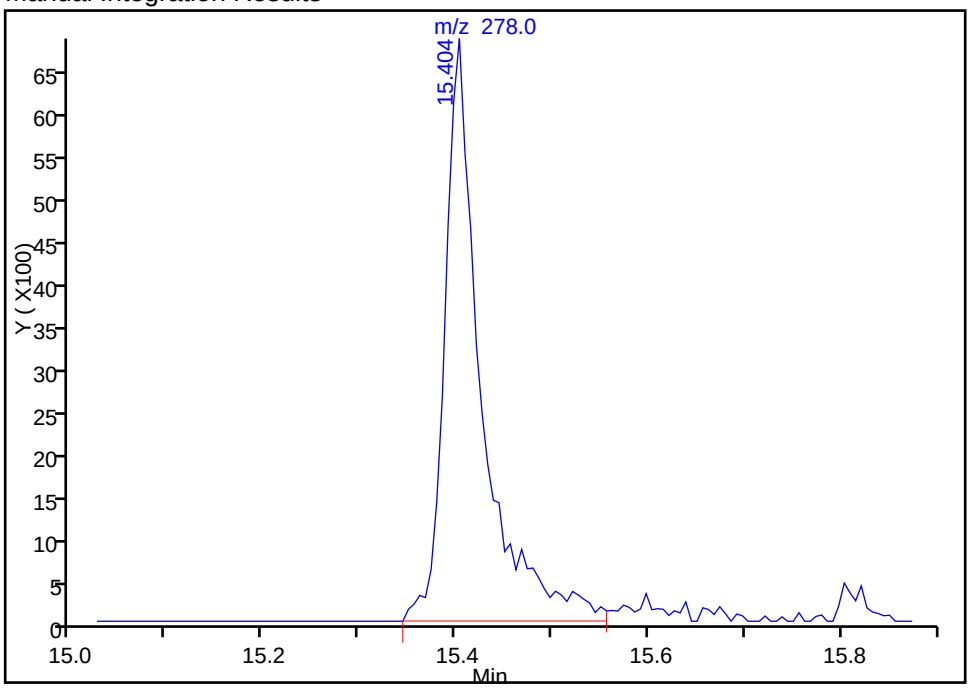
Processing Integration Results

RT: 15.40
Area: 16326
Amount: 1.379848
Amount Units: ug/ml



Manual Integration Results

RT: 15.40
Area: 18304
Amount: 1.660266
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:52:15
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1960.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-May-2015 06:35:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:02:22 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:09:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.246	3.251	-0.005	91	18520	1.00	0.8712	
$ 6 Phenol-d5	99	4.146	4.175	-0.029	90	22788	1.00	0.8922	
9 Bis(2-chloroethyl)ether	93	4.252	4.275	-0.023	96	19599	1.00	0.9556	
* 14 1,4-Dichlorobenzene-d4	152	4.528	4.539	-0.011	99	574004	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.922	4.945	-0.023	92	13341	1.00	0.9544	
25 Hexachloroethane	117	5.040	5.045	-0.005	93	8022	1.00	0.9316	
$ 26 Nitrobenzene-d5	82	5.075	5.092	-0.017	88	19995	1.00	0.9067	
28 Nitrobenzene	77	5.099	5.116	-0.017	92	27603	1.00	0.9273	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	93	15711	1.00	1.00	
* 38 Naphthalene-d8	136	5.804	5.816	-0.012	100	1990686	40.0	40.0	
41 Hexachlorobutadiene	225	5.963	5.969	-0.006	93	8957	1.00	1.00	
$ 51 2-Fluorobiphenyl	172	6.881	6.892	-0.011	98	30493	1.00	0.8848	
60 2,6-Dinitrotoluene	165	7.334	7.345	-0.011	92	5301	1.00	0.8419	
* 65 Acenaphthene-d10	164	7.557	7.563	-0.006	92	906943	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.728	7.745	-0.017	91	5870	1.00	0.7936	
$ 80 2,4,6-Tribromophenol	330	8.328	8.339	-0.011	88	2718	1.00	0.8840	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	95	5792	1.00	0.8882	
* 88 Phenanthrene-d10	188	9.016	9.022	-0.006	99	1114892	40.0	40.0	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	98	17459	1.00	0.8999	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	98	20981	1.00	1.03	
* 102 Chrysene-d12	240	11.822	11.833	-0.011	99	640752	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.245	13.257	-0.012	98	13437	1.00	0.9779	
107 Benzo[k]fluoranthene	252	13.280	13.292	-0.012	96	15059	1.00	0.9781	M
108 Benzo[a]pyrene	252	13.698	13.709	-0.011	96	11792	1.00	0.9308	
* 109 Perylene-d12	264	13.780	13.786	-0.006	97	436919	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.363	15.380	-0.017	96	7379	1.00	0.8399	M
111 Dibenz(a,h)anthracene	278	15.398	15.415	-0.017	89	7936	1.00	0.8555	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L2_00006 Amount Added: 1.00 Units: mL

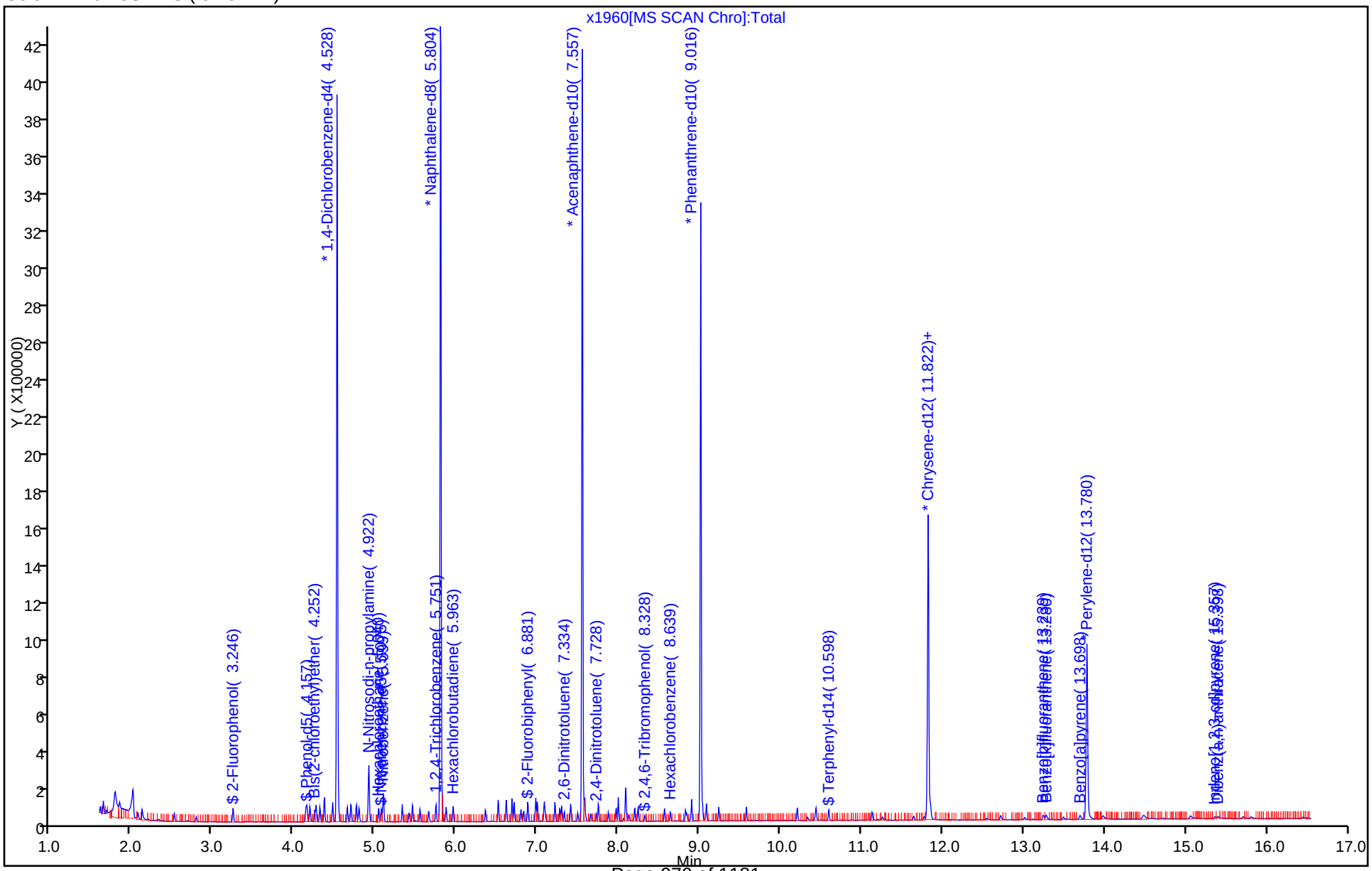
Report Date: 11-May-2015 12:02:24 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1960.D

Injection Date:	10-May-2015 06:35:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

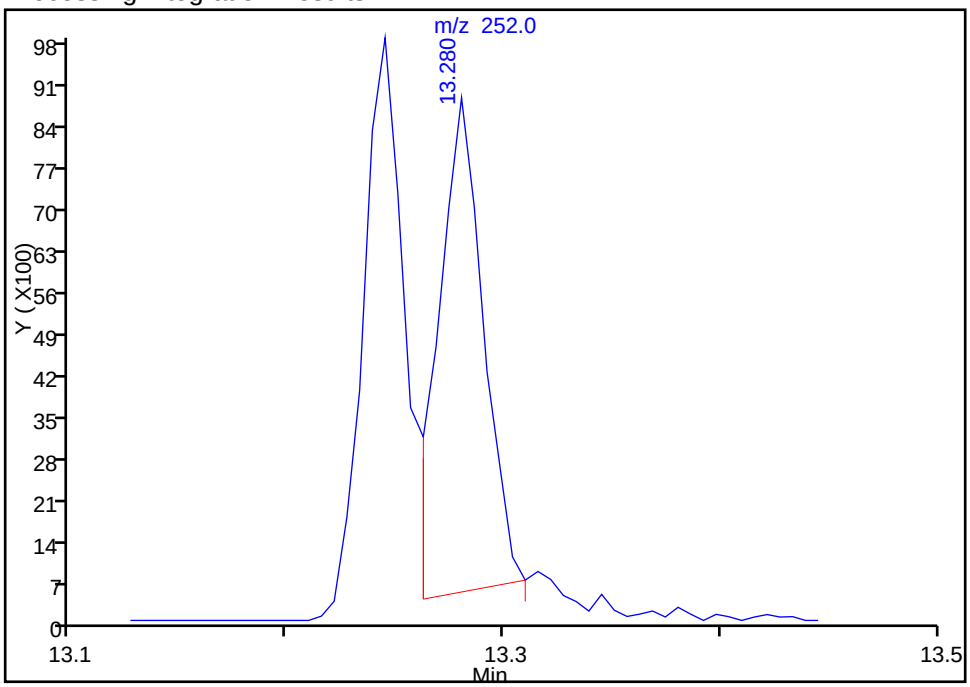
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1960.D
Injection Date: 10-May-2015 06:35:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

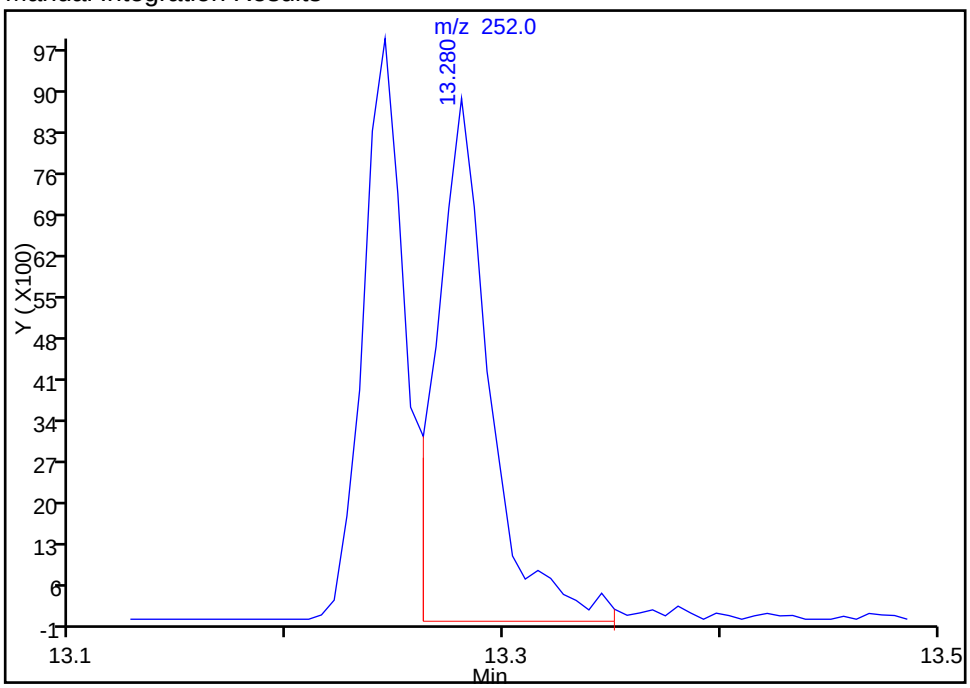
Processing Integration Results

RT: 13.28
Area: 12147
Amount: 0.805888
Amount Units: ug/ml



Manual Integration Results

RT: 13.28
Area: 15059
Amount: 0.978088
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:54:19
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

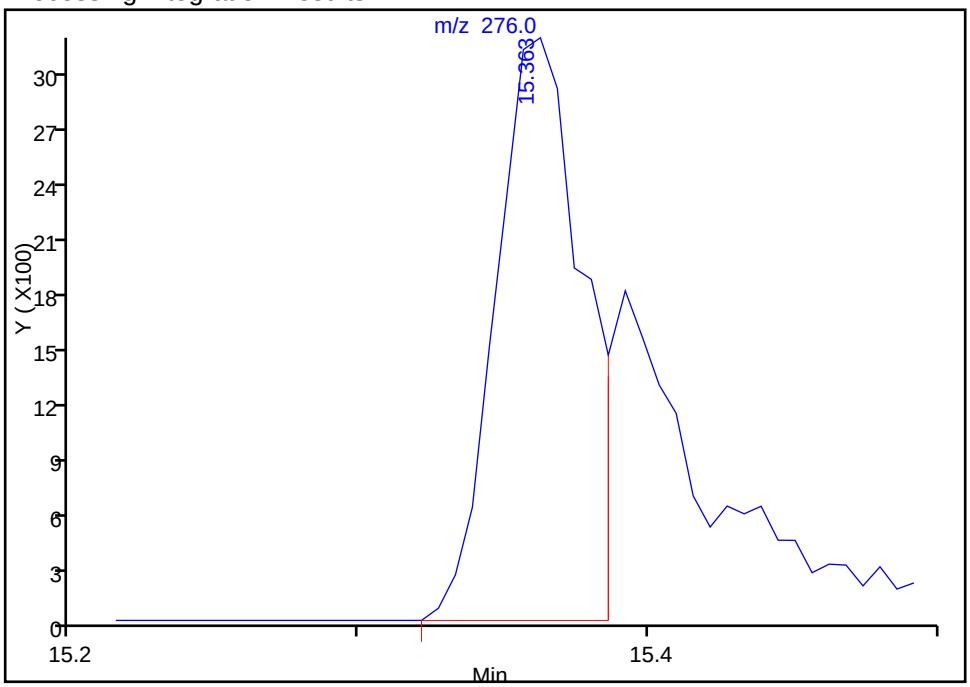
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1960.D				
Injection Date:	10-May-2015 06:35:30	Instrument ID:	CBNAMS5		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

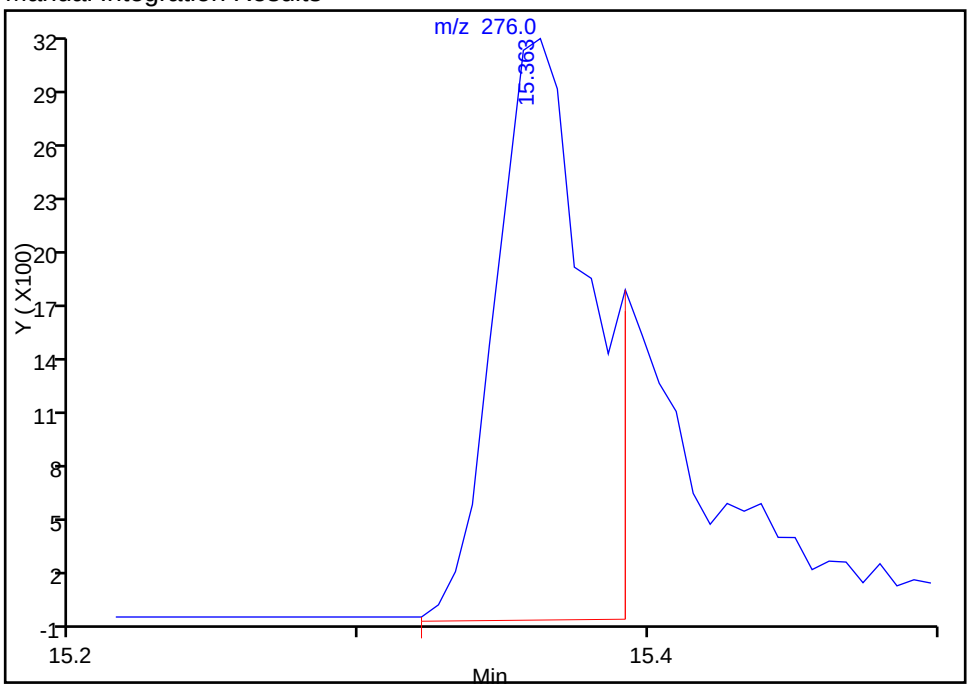
Processing Integration Results

RT: 15.36
Area: 6672
Amount: 0.708659
Amount Units: ug/ml



Manual Integration Results

RT: 15.36
Area: 7379
Amount: 0.839887
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:54:19
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

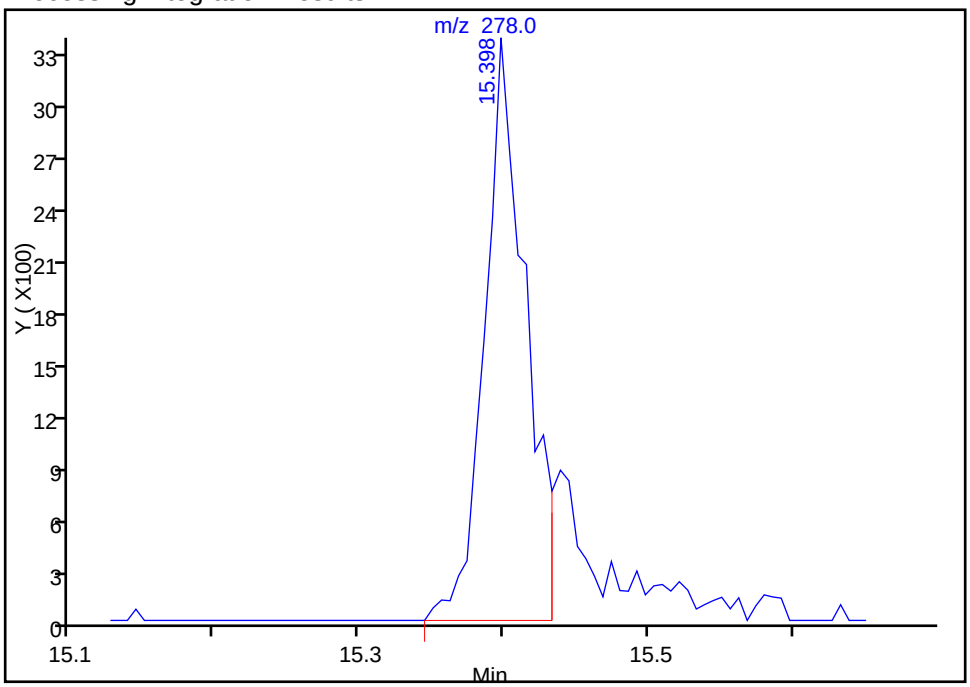
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1960.D				
Injection Date:	10-May-2015 06:35:30	Instrument ID:	CBNAMS5		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3

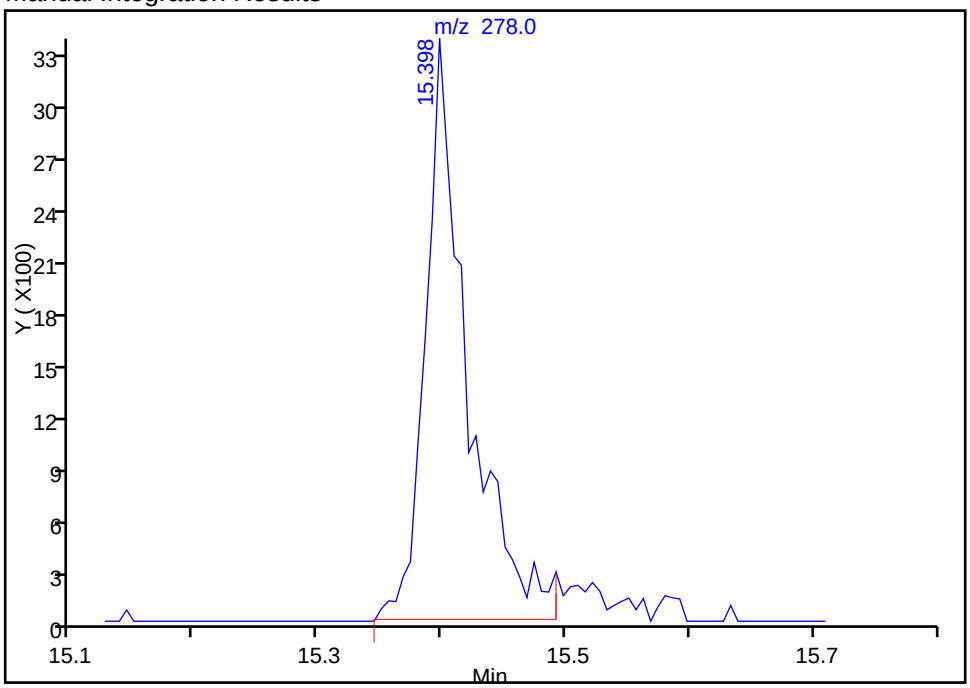
Processing Integration Results

RT: 15.40
Area: 6686
Amount: 0.672016
Amount Units: ug/ml



Manual Integration Results

RT: 15.40
Area: 7936
Amount: 0.855466
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:54:19
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1961.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-May-2015 06:57:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 12:02:29 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: bayoumiw Date: 10-May-2015 12:20:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.251	4.275	-0.024	95	6955	0.5000	0.4420	
* 14 1,4-Dichlorobenzene-d4	152	4.528	4.539	-0.011	99	440400	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.928	4.945	-0.017	90	5395	0.5000	0.5030	
25 Hexachloroethane	117	5.045	5.045	0.000	88	3351	0.5000	0.5072	
$ 26 Nitrobenzene-d5	82	5.081	5.092	-0.011	90	7906	0.5000	0.4449	
28 Nitrobenzene	77	5.098	5.116	-0.018	91	11515	0.5000	0.4801	
37 1,2,4-Trichlorobenzene	180	5.751	5.757	-0.006	92	5972	0.5000	0.4722	
* 38 Naphthalene-d8	136	5.804	5.816	-0.012	100	1604088	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.881	6.892	-0.012	98	13639	0.5000	0.4487	
* 65 Acenaphthene-d10	164	7.557	7.563	-0.006	92	799954	40.0	40.0	
83 Hexachlorobenzene	284	8.645	8.651	-0.006	96	3154	0.5000	0.5068	
* 88 Phenanthrene-d10	188	9.016	9.022	-0.006	99	1064060	40.0	40.0	
$ 96 Terphenyl-d14	244	10.598	10.604	-0.006	98	8866	0.5000	0.4429	
101 Benzo[a]anthracene	228	11.810	11.815	-0.005	97	11356	0.5000	0.5402	
* 102 Chrysene-d12	240	11.821	11.833	-0.012	99	661070	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.245	13.257	-0.012	97	6209	0.5000	0.4262	
107 Benzo[k]fluoranthene	252	13.280	13.292	-0.012	97	7735	0.5000	0.4738	
108 Benzo[a]pyrene	252	13.698	13.709	-0.011	95	5749	0.5000	0.4280	
* 109 Perylene-d12	264	13.780	13.786	-0.006	97	463277	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.362	15.380	-0.018	80	3758	0.5000	0.4034	M
111 Dibenz(a,h)anthracene	278	15.403	15.415	-0.012	36	4187	0.5000	0.4257	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_IC_BNA_L1_00006 Amount Added: 1.00 Units: mL

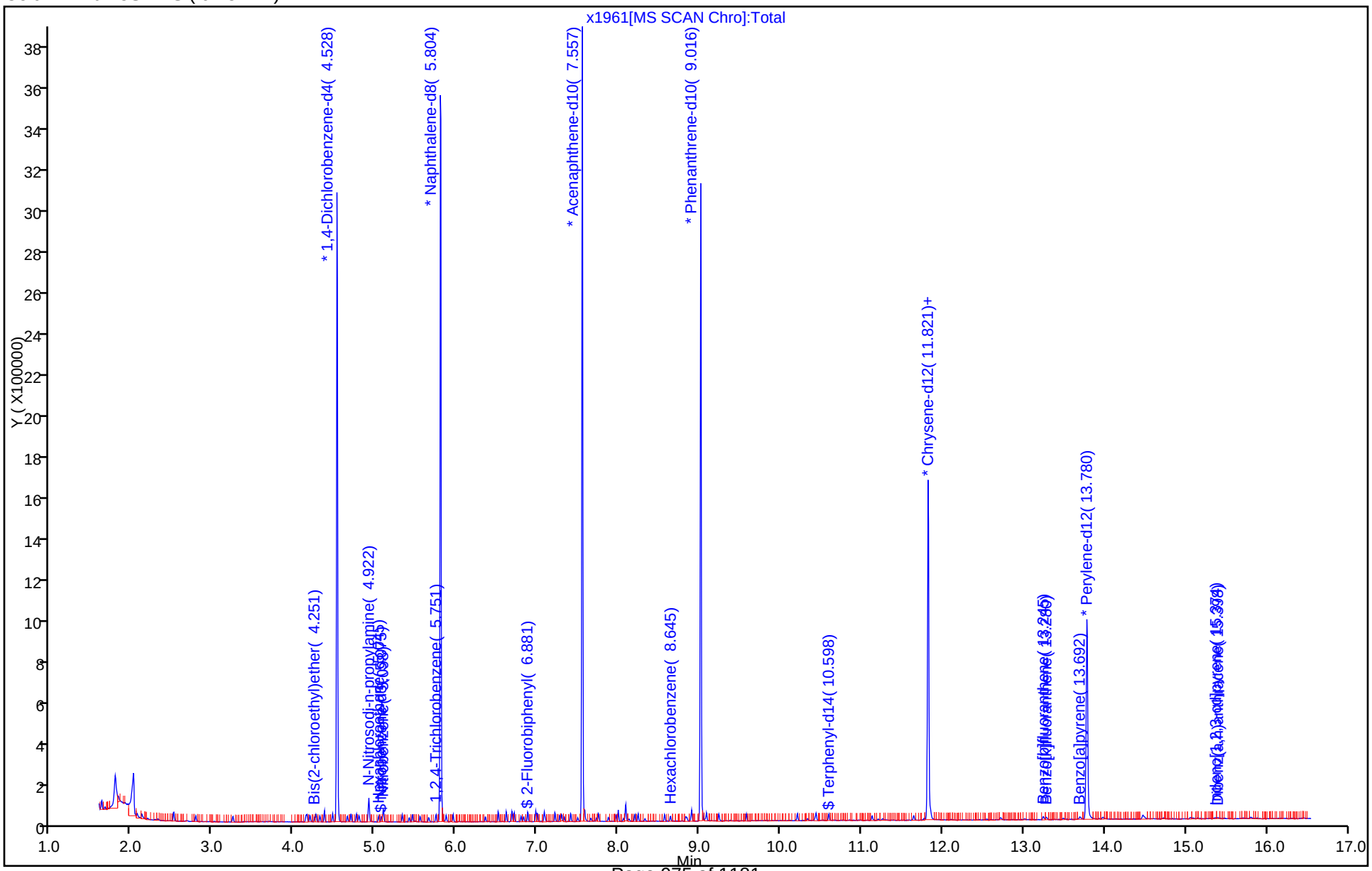
Report Date: 11-May-2015 12:02:30 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1961.D

Injection Date:	10-May-2015 06:57:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

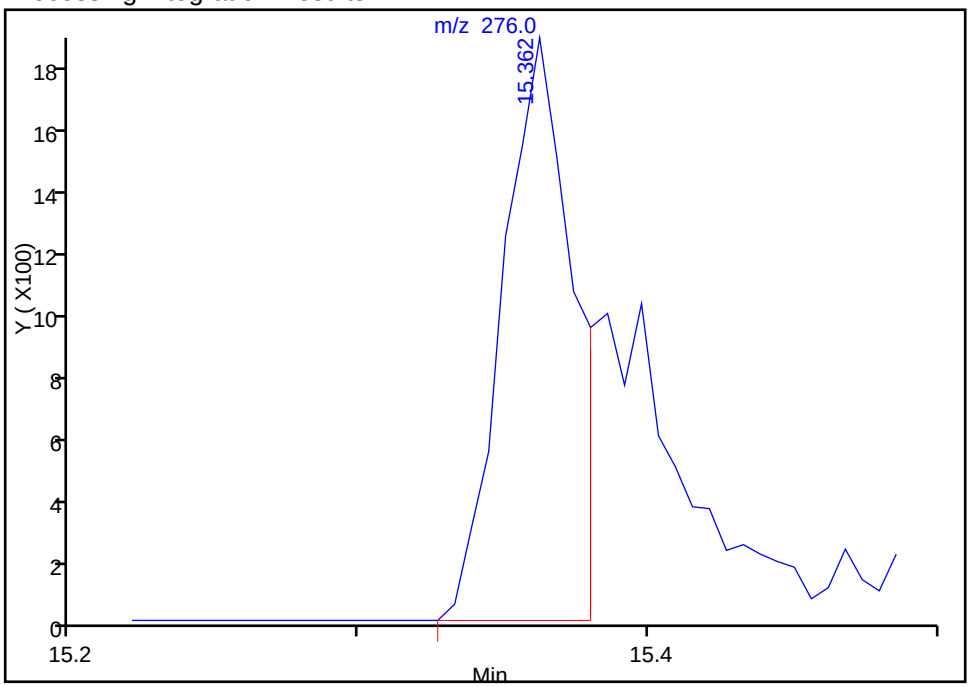
TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1961.D				
Injection Date:	10-May-2015 06:57:30	Instrument ID:	CBNAMS5		
Lims ID:	STD05				
Client ID:					
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

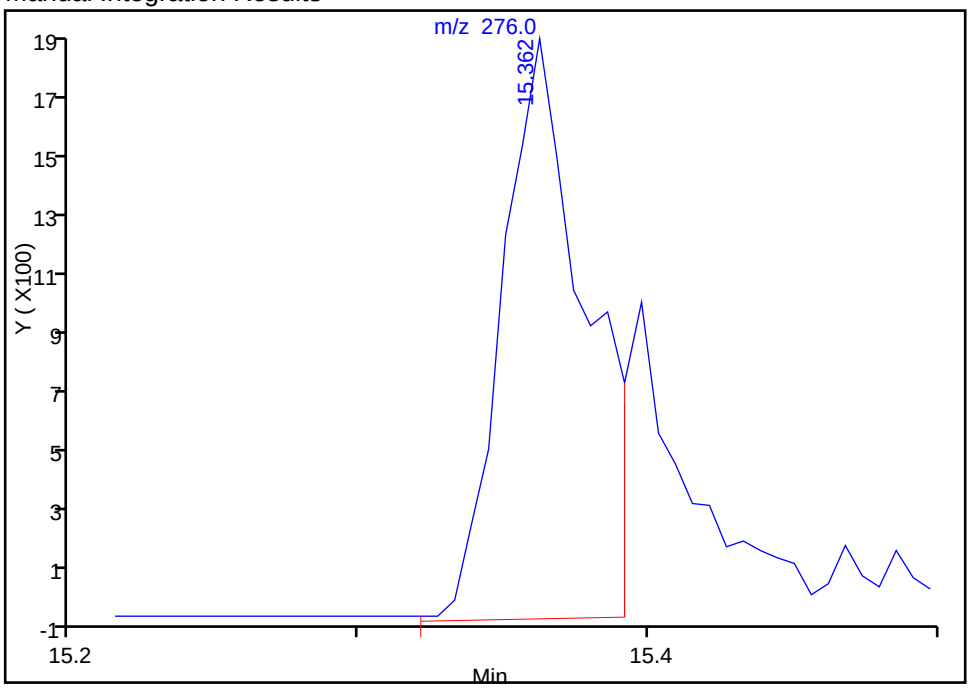
Processing Integration Results

RT: 15.36
Area: 3114
Amount: 0.312129
Amount Units: ug/ml



Manual Integration Results

RT: 15.36
Area: 3758
Amount: 0.403404
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:55:22
Audit Action: Manually Integrated
Audit Reason: Baseline

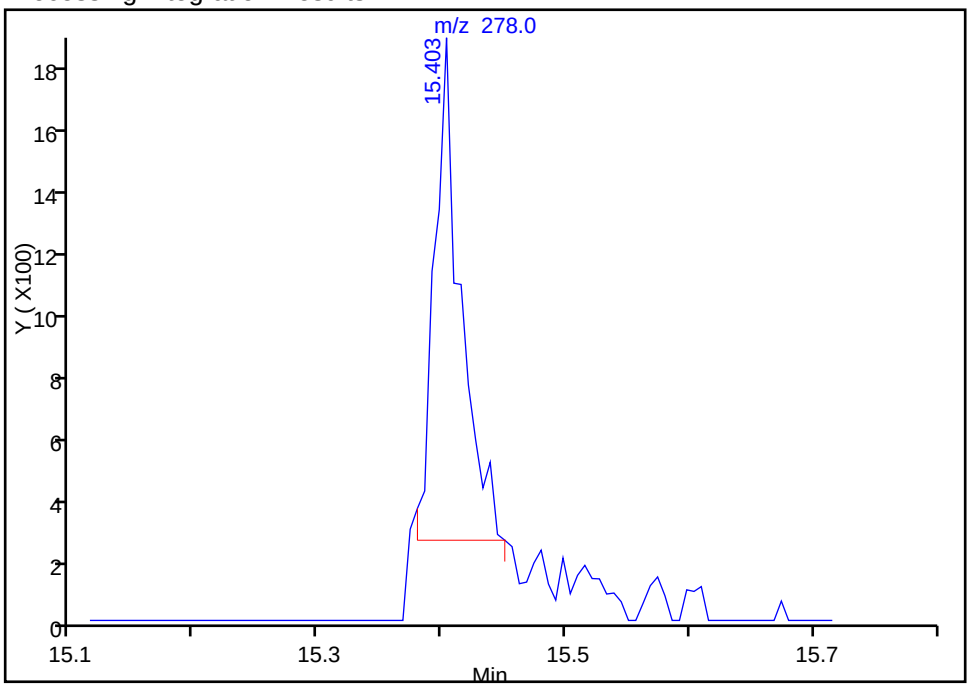
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1961.D
Injection Date: 10-May-2015 06:57:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

111 Dibenz(a,h)anthracene, CAS: 53-70-3

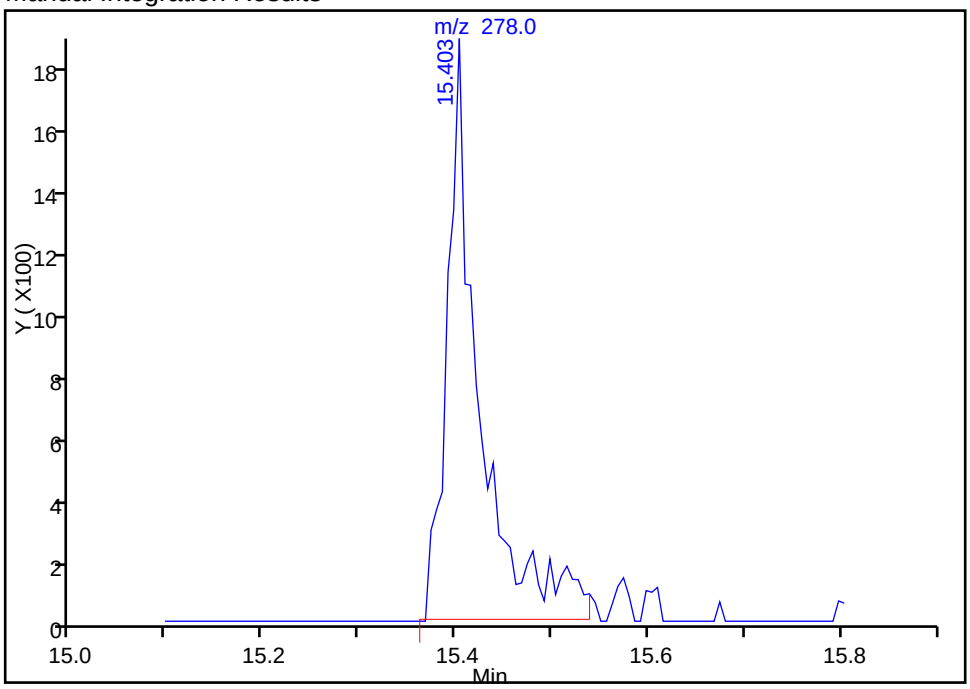
Processing Integration Results

RT: 15.40
Area: 2287
Amount: 0.216895
Amount Units: ug/ml



Manual Integration Results

RT: 15.40
Area: 4187
Amount: 0.425662
Amount Units: ug/ml



Reviewer: bayoumiw, 10-May-2015 12:55:22
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7021	0.6869	0.0100	48900	50000	-2.2	20.0
N-Nitrosodimethylamine	Ave	1.139	1.095		48100	50000	-3.8	20.0
Pyridine	Ave	1.845	1.762		47800	50000	-4.5	20.0
Phenol	Ave	2.100	1.961	0.8000	46700	50000	-6.6	20.0
Aniline	Ave	2.495	2.309		46300	50000	-7.5	20.0
Bis(2-chloroethyl)ether	Ave	1.740	1.521	0.7000	43700	50000	-12.6	20.0
2-Chlorophenol	Ave	1.551	1.480	0.8000	47700	50000	-4.6	20.0
n-Decane	Ave	2.833	2.708	0.0100	47800	50000	-4.4	20.0
1,3-Dichlorobenzene	Ave	1.500	1.378		45900	50000	-8.2	20.0
1,4-Dichlorobenzene	Ave	1.451	1.353		46600	50000	-6.7	20.0
Benzyl alcohol	Ave	0.9807	0.9151	0.0100	46700	50000	-6.7	20.0
1,2-Dichlorobenzene	Ave	1.383	1.292		46700	50000	-6.6	20.0
2-Methylphenol	Ave	1.371	1.249	0.7000	45600	50000	-8.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.648	3.355	0.0100	46000	50000	-8.0	20.0
Acetophenone	Ave	1.736	1.527	0.0100	44000	50000	-12.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.088	0.8160	0.5000	37500	50000	-25.0*	20.0
3 & 4 Methylphenol	Ave	1.447	1.200		41500	50000	-17.0	20.0
4-Methylphenol	Ave	1.438	1.200	0.6000	41700	50000	-16.5	20.0
Hexachloroethane	Ave	0.6696	0.5887	0.3000	44000	50000	-12.1	20.0
n,n'-Dimethylaniline	Ave	2.149	1.715	0.0100	39900	50000	-20.2*	20.0
Nitrobenzene	Ave	0.6557	0.5651	0.2000	43100	50000	-13.8	20.0
Isophorone	Ave	0.7948	0.7000	0.4000	44000	50000	-11.9	20.0
2-Nitrophenol	Ave	0.2146	0.2026	0.1000	47200	50000	-5.6	20.0
2,4-Dimethylphenol	Ave	0.3546	0.3339	0.2000	47100	50000	-5.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4921	0.4643	0.3000	47200	50000	-5.7	20.0
Benzoic acid	Lin2		0.1488		39000	50000	-22.0*	20.0
2,4-Dichlorophenol	Ave	0.3055	0.2770	0.2000	45300	50000	-9.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3010		43700	50000	-12.6	20.0
Naphthalene	Ave	1.098	1.006	0.7000	45800	50000	-8.4	20.0
4-Chloroaniline	Ave	0.4662	0.4286	0.0100	46000	50000	-8.1	20.0
Hexachlorobutadiene	Ave	0.2057	0.1884	0.0100	45800	50000	-8.4	20.0
4-Chloro-3-methylphenol	Ave	0.3124	0.2941		47100	50000	-5.9	20.0
2-Methylnaphthalene	Ave	0.6416	0.5948	0.4000	46400	50000	-7.3	20.0
1-Methylnaphthalene	Ave	0.5906	0.5406	0.0100	45800	50000	-8.5	20.0
Hexachlorocyclopentadiene	Ave	0.4812	0.4669	0.0500	48500	50000	-3.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6901	0.6425	0.0100	46600	50000	-6.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4319	0.3996	0.0100	46300	50000	-7.5	20.0
2,4,6-Trichlorophenol	Ave	0.4791	0.4551	0.2000	47500	50000	-5.0	20.0
2,4,5-Trichlorophenol	Ave	0.4764	0.4557	0.2000	47800	50000	-4.3	20.0
1,1'-Biphenyl	Ave	1.847	1.770	0.0100	47900	50000	-4.1	20.0
2-Chloronaphthalene	Ave	1.419	1.331	0.8000	46900	50000	-6.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	1.018	0.9893	0.0100	48600	50000	-2.8	20.0
2-Nitroaniline	Ave	0.6210	0.6120	0.0100	49300	50000	-1.4	20.0
1,3-Dimethylnaphthalene	Ave	1.194	1.101	0.0100	46100	50000	-7.8	20.0
Dimethyl phthalate	Ave	1.274	1.206	0.0100	47300	50000	-5.3	20.0
Coumarin	Ave	0.1691	0.1530	0.0100	45200	50000	-9.6	20.0
2,6-Dinitrotoluene	Lin2		0.3094	0.2000	48900	50000	-2.1	20.0
Acenaphthylene	Ave	2.157	2.034	0.9000	47200	50000	-5.7	20.0
3-Nitroaniline	Ave	0.3791	0.3568	0.0100	47100	50000	-5.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.224	1.129	0.0100	46100	50000	-7.8	20.0
Acenaphthene	QuaF		1.115	0.9000	50500	50000	1.1	20.0
2,4-Dinitrophenol	Lin2		0.1616	0.0100	96200	100000	-3.8	20.0
4-Nitrophenol	Ave	0.2619	0.2568	0.0100	98100	100000	-1.9	20.0
2,4-Dinitrotoluene	Ave	0.3700	0.3572	0.2000	48300	50000	-3.4	20.0
Dibenzofuran	Ave	1.889	1.765	0.8000	46700	50000	-6.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3259	0.3237	0.0100	49700	50000	-0.7	20.0
Diethyl phthalate	Ave	1.256	1.234	0.0100	49100	50000	-1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6302	0.5775	0.4000	45800	50000	-8.4	20.0
Fluorene	Ave	1.300	1.192	0.9000	45800	50000	-8.4	20.0
4-Nitroaniline	Ave	0.3087	0.2898	0.0100	46900	50000	-6.1	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1261	0.0100	99200	100000	-0.8	20.0
N-Nitrosodiphenylamine	Ave	0.6962	0.7364	0.0100	52900	50000	5.8	20.0
1,2-Diphenylhydrazine	Ave	1.138	1.134	0.0100	49800	50000	-0.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2421	0.2300	0.1000	47500	50000	-5.0	20.0
Hexachlorobenzene	Ave	0.2394	0.2294	0.1000	47900	50000	-4.2	20.0
Pentachlorophenol	Ave	0.1098	0.1268	0.0500	116000	100000	15.6	20.0
Pentachloronitrobenzene	Ave	0.0889	0.0924	0.0100	52000	50000	4.0	20.0
n-Octadecane	Ave	1.082	1.064	0.0100	49200	50000	-1.7	20.0
Phenanthrene	Ave	1.083	1.041	0.7000	48100	50000	-3.9	20.0
Anthracene	Ave	1.127	1.078	0.7000	47900	50000	-4.3	20.0
Carbazole	Ave	0.9729	0.9177	0.0100	47200	50000	-5.7	20.0
Di-n-butyl phthalate	Ave	1.122	1.118	0.0100	49800	50000	-0.4	20.0
Fluoranthene	Ave	0.9593	0.9196	0.6000	47900	50000	-4.1	20.0
Benzidine	Ave	0.5360	0.4908		45800	50000	-8.4	20.0
Pyrene	Ave	1.837	1.875	0.6000	51000	50000	2.1	20.0
Butyl benzyl phthalate	Ave	0.7299	0.7369	0.0100	50500	50000	0.9	20.0
2,3,7,8-TCDD	Ave	0.0887	0.2014	0.0100	1140	500	127.0*	20.0
Carbamazepine	Ave	0.4905	0.5220	0.0100	53200	50000	6.4	20.0
3,3'-Dichlorobenzidine	Ave	0.4346	0.4780	0.0100	55000	50000	10.0	20.0
Benzo[a]anthracene	Ave	1.309	1.254	0.8000	47900	50000	-4.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9269	0.9157	0.0100	49400	50000	-1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.149	1.103	0.7000	48000	50000	-4.1	20.0
Di-n-octyl phthalate	Ave	2.051	2.048	0.0100	49900	50000	-0.1	20.0
Benzo[b]fluoranthene	Ave	1.351	1.303	0.7000	48200	50000	-3.6	20.0
Benzo[k]fluoranthene	Ave	1.353	1.274	0.7000	47100	50000	-5.8	20.0
Benzo[a]pyrene	Ave	1.224	1.178	0.7000	48100	50000	-3.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9805	0.9504	0.5000	48500	50000	-3.1	20.0
Dibenz(a,h)anthracene	Ave	0.9147	0.9281	0.4000	50700	50000	1.5	20.0
Benzo[g,h,i]perylene	Ave	0.9427	0.9466	0.5000	50200	50000	0.4	20.0
2-Fluorophenol (Surr)	Ave	1.739	1.678	0.0100	48300	50000	-3.5	20.0
Phenol-d5 (Surr)	Ave	2.134	1.981	0.0100	46400	50000	-7.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.5122	0.4726	0.0100	46100	50000	-7.7	20.0
2-Fluorobiphenyl	Ave	1.945	1.736	0.0100	44600	50000	-10.8	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1708	0.1788	0.0100	52400	50000	4.7	20.0
Terphenyl-d14 (Surr)	Ave	1.237	1.280	0.0100	51800	50000	3.5	20.0

Report Date: 27-May-2015 22:28:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1482.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 27-May-2015 20:18:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 22:28:02 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 20:54:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.635	1.635	0.000	91	212909	50.0	48.9	
	2 N-Nitrosodimethylamine	74	1.858	1.858	0.000	83	339459	50.0	48.1	
	3 Pyridine	79	1.888	1.888	0.000	77	546081	50.0	47.8	
$	4 2-Fluorophenol	112	3.005	3.005	0.000	90	520239	50.0	48.3	
$	6 Phenol-d5	99	3.935	3.935	0.000	94	613955	50.0	46.4	
	7 Phenol	94	3.952	3.952	0.000	94	607714	50.0	46.7	
	8 Aniline	93	3.958	3.958	0.000	94	715639	50.0	46.3	
	9 Bis(2-chloroethyl)ether	93	4.023	4.023	0.000	92	471412	50.0	43.7	
	10 Benzonitrile	103	4.052	4.052	0.000	0	891987	NC	NC	
	11 2-Chlorophenol	128	4.088	4.088	0.000	90	458748	50.0	47.7	
	12 n-Decane	43	4.135	4.135	0.000	94	839487	50.0	47.8	
	13 1,3-Dichlorobenzene	146	4.235	4.235	0.000	90	426979	50.0	45.9	
*	14 1,4-Dichlorobenzene-d4	152	4.288	4.288	0.000	97	247963	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.305	4.305	0.000	89	419442	50.0	46.6	
	16 Benzyl alcohol	108	4.435	4.435	0.000	91	283644	50.0	46.7	
	17 1,2-Dichlorobenzene	146	4.464	4.464	0.000	90	400341	50.0	46.7	
	18 2-Methylphenol	108	4.552	4.552	0.000	90	387192	50.0	45.6	
	19 2,2'-oxybis[1-chloropropan	45	4.570	4.570	0.000	93	1039876	50.0	46.0	
	22 Acetophenone	105	4.705	4.705	0.000	94	473345	50.0	44.0	
	21 N-Nitrosodi-n-propylamine	70	4.705	4.705	0.000	95	252927	50.0	37.5	
	23 3 & 4 Methylphenol	108	4.717	4.717	0.000	86	372005	50.0	41.5	
	24 4-Methylphenol	108	4.717	4.717	0.000	89	372005	50.0	41.7	
	25 Hexachloroethane	117	4.805	4.805	0.000	95	182471	50.0	44.0	
$	26 Nitrobenzene-d5	82	4.852	4.852	0.000	95	468653	50.0	46.1	
	27 Nitrobenzene	77	4.876	4.876	0.000	84	560377	50.0	43.1	
	28 n,n'-Dimethylaniline	120	4.876	4.876	0.000	91	531475	50.0	39.9	
	31 Isophorone	82	5.117	5.117	0.000	98	694092	50.0	44.0	
	32 2-Nitrophenol	139	5.193	5.193	0.000	82	200912	50.0	47.2	
	33 2,4-Dimethylphenol	122	5.246	5.246	0.000	89	331090	50.0	47.1	
	34 Bis(2-chloroethoxy)methane	93	5.335	5.335	0.000	95	460399	50.0	47.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.382	5.382	0.000	93	147559	50.0	39.0	
36 2,4-Dichlorophenol	162	5.441	5.441	0.000	90	274668	50.0	45.3	
37 1,2,4-Trichlorobenzene	180	5.523	5.523	0.000	94	298430	50.0	43.7	
* 38 Naphthalene-d8	136	5.576	5.576	0.000	99	793264	40.0	40.0	
39 Naphthalene	128	5.599	5.599	0.000	98	997212	50.0	45.8	
40 4-Chloroaniline	127	5.652	5.652	0.000	93	425006	50.0	46.0	
41 Hexachlorobutadiene	225	5.735	5.735	0.000	95	186798	50.0	45.8	
43 4-Chloro-3-methylphenol	107	6.152	6.152	0.000	95	291601	50.0	47.1	
44 2-Methylnaphthalene	142	6.293	6.293	0.000	86	589821	50.0	46.4	
45 1-Methylnaphthalene	142	6.393	6.393	0.000	94	536087	50.0	45.8	
46 Hexachlorocyclopentadiene	237	6.464	6.464	0.000	96	170817	50.0	48.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.470	6.470	0.000	96	235065	50.0	46.6	
48 2-tertbutyl-4-methylphenol	149	6.505	6.505	0.000	87	396190	50.0	46.3	
49 2,4,6-Trichlorophenol	196	6.582	6.582	0.000	86	166491	50.0	47.5	
50 2,4,5-Trichlorophenol	196	6.617	6.617	0.000	94	166738	50.0	47.8	
$ 51 2-Fluorobiphenyl	172	6.664	6.664	0.000	98	635098	50.0	44.6	
52 1,1'-Biphenyl	154	6.764	6.764	0.000	95	647675	50.0	47.9	
53 2-Chloronaphthalene	162	6.782	6.782	0.000	95	486844	50.0	46.9	
54 Phenyl ether	170	6.864	6.864	0.000	89	361956	50.0	48.6	
55 2-Nitroaniline	65	6.882	6.882	0.000	93	223927	50.0	49.3	
57 1,3-Dimethylnaphthalene	156	6.999	6.999	0.000	93	402788	50.0	46.1	
58 Dimethyl phthalate	163	7.070	7.070	0.000	97	441123	50.0	47.3	
59 Coumarin	146	7.087	7.087	0.000	75	151660	50.0	45.2	
60 2,6-Dinitrotoluene	165	7.123	7.123	0.000	91	113203	50.0	48.9	
63 Acenaphthylene	152	7.193	7.193	0.000	98	744316	50.0	47.2	
64 3-Nitroaniline	138	7.293	7.293	0.000	90	130560	50.0	47.1	
* 65 Acenaphthene-d10	164	7.335	7.335	0.000	97	292699	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.358	7.358	0.000	97	412933	50.0	46.1	
67 Acenaphthene	154	7.370	7.370	0.000	94	407914	50.0	50.5	
68 2,4-Dinitrophenol	184	7.393	7.393	0.000	92	118236	100.0	96.2	
69 4-Nitrophenol	65	7.470	7.470	0.000	94	187908	100.0	98.1	
70 2,4-Dinitrotoluene	165	7.523	7.523	0.000	93	130705	50.0	48.3	
71 Dibenzofuran	168	7.535	7.535	0.000	96	645935	50.0	46.7	
72 2,3,4,6-Tetrachlorophenol	232	7.664	7.664	0.000	92	118439	50.0	49.7	
73 Diethyl phthalate	149	7.770	7.770	0.000	97	451333	50.0	49.1	
75 4-Chlorophenyl phenyl ethe	204	7.870	7.870	0.000	88	211276	50.0	45.8	
74 Fluorene	166	7.876	7.876	0.000	98	435993	50.0	45.8	
76 4-Nitroaniline	138	7.899	7.899	0.000	96	106014	50.0	46.9	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.934	0.000	83	132462	100.0	99.2	
78 N-Nitrosodiphenylamine	169	7.993	7.993	0.000	68	386626	50.0	52.9	
79 1,2-Diphenylhydrazine	77	8.029	8.029	0.000	99	595316	50.0	49.8	
$ 80 2,4,6-Tribromophenol	330	8.111	8.111	0.000	89	65433	50.0	52.4	
81 4-Bromophenyl phenyl ether	248	8.352	8.352	0.000	79	120755	50.0	47.5	
82 Hexachlorobenzene	284	8.429	8.429	0.000	98	120434	50.0	47.9	
84 Pentachlorophenol	266	8.617	8.617	0.000	92	133197	100.0	115.6	
85 Pentachloronitrobenzene	237	8.634	8.634	0.000	87	48519	50.0	52.0	
86 n-Octadecane	57	8.699	8.699	0.000	91	558409	50.0	49.2	
* 87 Phenanthrene-d10	188	8.799	8.799	0.000	99	420035	40.0	40.0	
88 Phenanthrene	178	8.823	8.823	0.000	98	546501	50.0	48.1	
89 Anthracene	178	8.870	8.870	0.000	98	566242	50.0	47.9	
90 Carbazole	167	9.029	9.029	0.000	95	481810	50.0	47.2	
91 Di-n-butyl phthalate	149	9.370	9.370	0.000	100	587124	50.0	49.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.993	9.993	0.000	98	482831	50.0	47.9	
93 Benzidine	184	10.117	10.117	0.000	100	257668	50.0	45.8	
94 Pyrene	202	10.217	10.217	0.000	98	482362	50.0	51.0	
95 Bisphenol-A	213	10.264	10.264	0.000	99	168845	50.0	51.5	
$ 96 Terphenyl-d14	244	10.375	10.375	0.000	98	329266	50.0	51.8	
97 Butyl benzyl phthalate	149	10.893	10.893	0.000	99	189527	50.0	50.5	
98 2,3,7,8-TCDD	320	11.005	11.005	0.000	18	518	0.5000	1.14	
99 Carbamazepine	193	11.017	11.017	0.000	93	134254	50.0	53.2	
100 3,3'-Dichlorobenzidine	252	11.517	11.517	0.000	99	122936	50.0	55.0	
101 Benzo[a]anthracene	228	11.546	11.546	0.000	99	322587	50.0	47.9	
* 102 Chrysene-d12	240	11.558	11.558	0.000	99	205765	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.587	11.587	0.000	90	235522	50.0	49.4	
103 Chrysene	228	11.587	11.587	0.000	99	283572	50.0	48.0	
105 Di-n-octyl phthalate	149	12.440	12.440	0.000	97	399031	50.0	49.9	
106 Benzo[b]fluoranthene	252	12.946	12.946	0.000	98	253955	50.0	48.2	
107 Benzo[k]fluoranthene	252	12.981	12.981	0.000	99	248262	50.0	47.1	
108 Benzo[a]pyrene	252	13.387	13.387	0.000	96	229501	50.0	48.1	
* 109 Perylene-d12	264	13.464	13.464	0.000	96	155891	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.969	14.969	0.000	98	185207	50.0	48.5	
111 Dibenz(a,h)anthracene	278	15.005	15.005	0.000	95	180847	50.0	50.7	
112 Benzo[g,h,i]perylene	276	15.387	15.387	0.000	95	184449	50.0	50.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

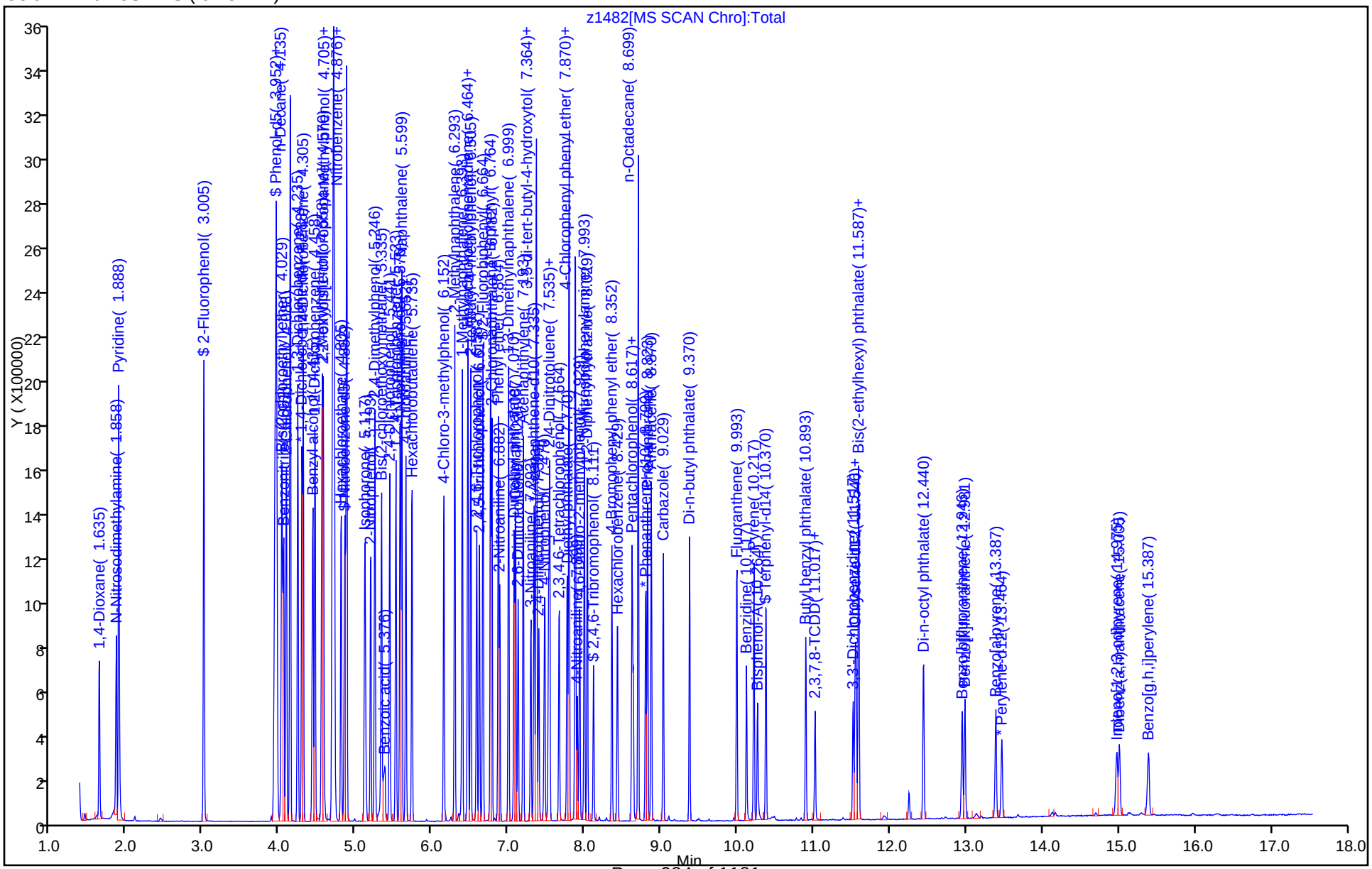
Report Date: 27-May-2015 22:28:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1482.D

Injection Date:	27-May-2015 20:18:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5016	0.5129	0.0100	51100	50000	2.3	20.0
N-Nitrosodimethylamine	Ave	0.6855	0.7093		51700	50000	3.5	20.0
Pyridine	Ave	1.211	1.249		51600	50000	3.1	20.0
Phenol	Ave	1.473	1.612	0.8000	54700	50000	9.5	20.0
Aniline	Ave	1.743	1.827		52400	50000	4.8	20.0
Bis(2-chloroethyl)ether	Ave	1.162	1.133	0.7000	48800	50000	-2.5	20.0
2-Chlorophenol	Ave	1.319	1.307	0.8000	49500	50000	-1.0	20.0
n-Decane	Ave	1.301	1.306	0.0100	50200	50000	0.4	20.0
1,3-Dichlorobenzene	Ave	1.572	1.548		49200	50000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.580	1.573		49800	50000	-0.5	20.0
Benzyl alcohol	Ave	0.7390	0.7679	0.0100	52000	50000	3.9	20.0
1,2-Dichlorobenzene	Ave	1.475	1.465		49700	50000	-0.7	20.0
2-Methylphenol	Ave	1.046	1.082	0.7000	51700	50000	3.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.506	1.549	0.0100	51400	50000	2.9	20.0
Acetophenone	Ave	1.485	1.573	0.0100	53000	50000	6.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.7392	0.7846	0.5000	53100	50000	6.1	20.0
3 & 4 Methylphenol	Ave	1.146	1.232		53800	50000	7.5	20.0
4-Methylphenol	Ave	1.146	1.232	0.6000	53800	50000	7.5	20.0
Hexachloroethane	Ave	0.5964	0.5994	0.3000	50300	50000	0.5	20.0
Nitrobenzene	Ave	0.4700	0.4869	0.2000	51800	50000	3.6	20.0
n,n'-Dimethylaniline	Ave	1.810	1.915	0.0100	52900	50000	5.8	20.0
Isophorone	Ave	0.5140	0.5501	0.4000	53500	50000	7.0	20.0
2-Nitrophenol	Ave	0.1863	0.1935	0.1000	51900	50000	3.9	20.0
2,4-Dimethylphenol	Ave	0.2871	0.2951	0.2000	51400	50000	2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3616	0.3626	0.3000	50100	50000	0.3	20.0
Benzoic acid	Lin2		0.1679		56100	50000	12.1	20.0
2,4-Dichlorophenol	Ave	0.2888	0.2993	0.2000	51800	50000	3.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3402		49400	50000	-1.2	20.0
Naphthalene	Ave	1.022	1.018	0.7000	49800	50000	-0.3	20.0
4-Chloroaniline	Ave	0.3943	0.4145	0.0100	52600	50000	5.1	20.0
Hexachlorobutadiene	Ave	0.2143	0.2071	0.0100	48300	50000	-3.4	20.0
4-Chloro-3-methylphenol	Ave	0.2193	0.2445		55700	50000	11.5	20.0
2-Methylnaphthalene	Ave	0.6331	0.6569	0.4000	51900	50000	3.8	20.0
1-Methylnaphthalene	Ave	0.5839	0.6001	0.0100	51400	50000	2.8	20.0
Hexachlorocyclopentadiene	Ave	0.4457	0.5151	0.0500	57800	50000	15.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7461	0.7196	0.0100	48200	50000	-3.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4133	0.4448	0.0100	53800	50000	7.6	20.0
2,4,6-Trichlorophenol	Ave	0.4197	0.4400	0.2000	52400	50000	4.8	20.0
2,4,5-Trichlorophenol	Ave	0.4410	0.4472	0.2000	50700	50000	1.4	20.0
1,1'-Biphenyl	Ave	1.692	1.676	0.0100	49500	50000	-0.9	20.0
2-Chloronaphthalene	Ave	1.363	1.311	0.8000	48100	50000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9348	0.9205	0.0100	49200	50000	-1.5	20.0
2-Nitroaniline	Ave	0.3675	0.4241	0.0100	57700	50000	15.4	20.0
1,3-Dimethylnaphthalene	Ave	1.069	1.036	0.0100	48400	50000	-3.1	20.0
Dimethyl phthalate	Ave	1.182	1.312	0.0100	55500	50000	11.0	20.0
Coumarin	Ave	0.1710	0.2125	0.0100	62100	50000	24.3*	20.0
2,6-Dinitrotoluene	Ave	0.2559	0.3104	0.2000	60600	50000	21.3*	20.0
Acenaphthylene	Ave	1.868	1.933	0.9000	51700	50000	3.5	20.0
3-Nitroaniline	Ave	0.2858	0.3428	0.0100	60000	50000	20.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.195	1.274	0.0100	53300	50000	6.6	20.0
Acenaphthene	Ave	1.233	1.267	0.9000	51300	50000	2.7	20.0
2,4-Dinitrophenol	Qua		0.2003	0.0100	120000	100000	19.8	20.0
4-Nitrophenol	Ave	0.1636	0.2095	0.0100	128000	100000	28.1*	20.0
2,4-Dinitrotoluene	Ave	0.2929	0.3934	0.2000	67200	50000	34.3*	20.0
Dibenzofuran	Ave	1.696	1.789	0.8000	52800	50000	5.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3188	0.3624	0.0100	56800	50000	13.7	20.0
Diethyl phthalate	Ave	1.078	1.230	0.0100	57100	50000	14.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6604	0.6937	0.4000	52500	50000	5.0	20.0
Fluorene	Ave	1.249	1.403	0.9000	56200	50000	12.4	20.0
4-Nitroaniline	Ave	0.2639	0.3398	0.0100	64400	50000	28.8*	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1448	0.0100	103000	100000	3.5	20.0
N-Nitrosodiphenylamine	Ave	0.6067	0.6304	0.0100	52000	50000	3.9	20.0
1,2-Diphenylhydrazine	Ave	0.8332	0.7720	0.0100	46300	50000	-7.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2681	0.2462	0.1000	45900	50000	-8.2	20.0
Hexachlorobenzene	Ave	0.3092	0.2965	0.1000	47900	50000	-4.1	20.0
Pentachlorophenol	Lin2		0.1798	0.0500	96000	100000	-4.0	20.0
Pentachloronitrobenzene	Ave	0.0981	0.0956	0.0100	48700	50000	-2.6	20.0
n-Octadecane	Ave	0.4716	0.4091	0.0100	43400	50000	-13.3	20.0
Phenanthrene	Ave	1.082	1.067	0.7000	49300	50000	-1.3	20.0
Anthracene	Ave	1.089	1.111	0.7000	51000	50000	1.9	20.0
Carbazole	Ave	0.9066	0.9802	0.0100	54100	50000	8.1	20.0
Di-n-butyl phthalate	Lin2		1.114	0.0100	47900	50000	-4.1	20.0
Fluoranthene	Ave	1.038	1.127	0.6000	54300	50000	8.5	20.0
Benzidine	Qua		0.7929		50500	50000	1.0	20.0
Pyrene	Ave	1.107	1.110	0.6000	50100	50000	0.3	20.0
Butyl benzyl phthalate	Ave	0.4587	0.4626	0.0100	50400	50000	0.8	20.0
2,3,7,8-TCDD	Ave	0.1894	0.1796	0.0100	474	500	-5.1	20.0
Carbamazepine	Ave	0.5711	0.4976	0.0100	43600	50000	-12.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4603	0.5074	0.0100	55100	50000	10.2	20.0
Benzo[a]anthracene	Ave	1.108	1.122	0.8000	50700	50000	1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7709	0.6830	0.0100	44300	50000	-11.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.105	1.092	0.7000	49400	50000	-1.2	20.0
Di-n-octyl phthalate	Ave	1.041	0.9342	0.0100	44900	50000	-10.2	20.0
Benzo[b]fluoranthene	Ave	0.9073	1.012	0.7000	55800	50000	11.5	20.0
Benzo[k]fluoranthene	Ave	1.055	1.111	0.7000	52600	50000	5.2	20.0
Benzo[a]pyrene	Ave	0.9620	1.056	0.7000	54900	50000	9.8	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.287	0.5000	46600	50000	-6.8	20.0
Dibenz(a,h)anthracene	Ave	1.256	1.223	0.4000	48700	50000	-2.7	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.283	0.5000	45000	50000	-10.0	20.0
2-Fluorophenol (Surr)	Ave	1.291	1.378	0.0100	53400	50000	6.7	20.0
Phenol-d5 (Surr)	Ave	1.424	1.533	0.0100	53800	50000	7.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3521	0.3754	0.0100	53300	50000	6.6	20.0
2-Fluorobiphenyl	Ave	1.680	1.734	0.0100	51600	50000	3.2	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.3294	0.0100	59900	50000	19.8	20.0
Terphenyl-d14 (Surr)	Ave	0.9132	0.9023	0.0100	49400	50000	-1.2	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121823.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 24-May-2015 09:15:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: szczecha Date: 26-May-2015 11:42:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.599	1.599	0.000	93	210347	50.0	51.1	
2 N-Nitrosodimethylamine	74	1.829	1.829	0.000	87	290890	50.0	51.7	
3 Pyridine	79	1.864	1.864	0.000	94	512181	50.0	51.6	
$ 4 2-Fluorophenol	112	3.011	3.011	0.000	96	565064	50.0	53.4	
$ 6 Phenol-d5	99	3.941	3.941	0.000	86	628822	50.0	53.8	
7 Phenol	94	3.958	3.958	0.000	99	661214	50.0	54.7	
8 Aniline	93	3.970	3.970	0.000	99	749411	50.0	52.4	
9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	98	464700	50.0	48.8	
10 2-Chlorophenol	128	4.099	4.099	0.000	97	535820	50.0	49.5	
11 n-Decane	43	4.152	4.152	0.000	90	535527	50.0	50.2	
12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	96	634738	50.0	49.2	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	95	328086	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	95	645123	50.0	49.8	
15 Benzyl alcohol	108	4.446	4.446	0.000	94	314925	50.0	52.0	
16 1,2-Dichlorobenzene	146	4.482	4.482	0.000	97	600963	50.0	49.7	
17 2-Methylphenol	108	4.564	4.564	0.000	92	443615	50.0	51.7	
18 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	92	635237	50.0	51.4	
22 Acetophenone	105	4.717	4.717	0.000	93	645283	50.0	53.0	
21 N-Nitrosodi-n-propylamine	70	4.717	4.717	0.000	89	321763	50.0	53.1	
20 3 & 4 Methylphenol	108	4.723	4.723	0.000	92	505191	50.0	53.8	
19 4-Methylphenol	108	4.723	4.723	0.000	88	505191	50.0	53.8	
25 Hexachloroethane	117	4.823	4.823	0.000	93	245819	50.0	50.3	
$ 26 Nitrobenzene-d5	82	4.864	4.864	0.000	87	531767	50.0	53.3	
27 Nitrobenzene	77	4.888	4.888	0.000	95	689727	50.0	51.8	
28 n,n'-Dimethylaniline	120	4.893	4.893	0.000	92	785281	50.0	52.9	
29 Isophorone	82	5.129	5.129	0.000	99	779380	50.0	53.5	
30 2-Nitrophenol	139	5.211	5.211	0.000	94	274191	50.0	51.9	
31 2,4-Dimethylphenol	122	5.258	5.258	0.000	92	418087	50.0	51.4	
32 Bis(2-chloroethoxy)methane	93	5.352	5.352	0.000	99	513709	50.0	50.1	
33 Benzoic acid	122	5.376	5.376	0.000	89	237799	50.0	56.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.458	5.458	0.000	96	424033	50.0	51.8	
35 1,2,4-Trichlorobenzene	180	5.540	5.540	0.000	94	481904	50.0	49.4	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1133378	40.0	40.0	
37 Naphthalene	128	5.617	5.617	0.000	100	1442885	50.0	49.8	
38 4-Chloroaniline	127	5.670	5.670	0.000	97	587202	50.0	52.6	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	96	293355	50.0	48.3	
41 4-Chloro-3-methylphenol	107	6.164	6.164	0.000	95	346330	50.0	55.7	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	85	930589	50.0	51.9	
43 1-Methylnaphthalene	142	6.411	6.411	0.000	93	850125	50.0	51.4	
44 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	97	336227	50.0	57.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.487	6.487	0.000	98	469698	50.0	48.2	
46 2-tertbutyl-4-methylphenol	149	6.523	6.523	0.000	93	630139	50.0	53.8	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	92	287185	50.0	52.4	
49 2,4,5-Trichlorophenol	196	6.634	6.634	0.000	98	291908	50.0	50.7	
$ 50 2-Fluorobiphenyl	172	6.682	6.682	0.000	98	1132012	50.0	51.6	
51 1,1'-Biphenyl	154	6.782	6.782	0.000	95	1093939	50.0	49.5	
52 2-Chloronaphthalene	162	6.799	6.799	0.000	98	855702	50.0	48.1	
53 Phenyl ether	170	6.882	6.882	0.000	86	600847	50.0	49.2	
54 2-Nitroaniline	65	6.899	6.899	0.000	95	276814	50.0	57.7	
55 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	93	675943	50.0	48.4	
58 Dimethyl phthalate	163	7.087	7.087	0.000	99	856405	50.0	55.5	
59 Coumarin	146	7.099	7.099	0.000	80	301032	50.0	62.1	
60 2,6-Dinitrotoluene	165	7.140	7.140	0.000	96	202590	50.0	60.6	
61 Acenaphthylene	152	7.205	7.205	0.000	98	1261716	50.0	51.7	
62 3-Nitroaniline	138	7.305	7.305	0.000	97	223766	50.0	60.0	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	97	522169	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.376	7.376	0.000	96	831704	50.0	53.3	
65 Acenaphthene	154	7.381	7.381	0.000	95	826713	50.0	51.3	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	94	261526	100.0	119.8	
67 4-Nitrophenol	65	7.481	7.481	0.000	91	273537	100.0	128.1	
68 2,4-Dinitrotoluene	165	7.534	7.534	0.000	96	256804	50.0	67.2	
69 Dibenzofuran	168	7.552	7.552	0.000	96	1167824	50.0	52.8	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	96	236570	50.0	56.8	
71 Diethyl phthalate	149	7.781	7.781	0.000	98	802996	50.0	57.1	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	80	452776	50.0	52.5	
74 Fluorene	166	7.887	7.887	0.000	94	916051	50.0	56.2	
75 4-Nitroaniline	138	7.911	7.911	0.000	88	221815	50.0	64.4	
76 4,6-Dinitro-2-methylphenol	198	7.940	7.940	0.000	90	325465	100.0	103.5	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	68	708709	50.0	52.0	
78 1,2-Diphenylhydrazine	77	8.046	8.046	0.000	97	867862	50.0	46.3	
$ 79 2,4,6-Tribromophenol	330	8.128	8.128	0.000	91	215024	50.0	59.9	
80 4-Bromophenyl phenyl ether	248	8.370	8.370	0.000	94	276800	50.0	45.9	
81 Hexachlorobenzene	284	8.440	8.440	0.000	95	333310	50.0	47.9	
83 Pentachlorophenol	266	8.634	8.634	0.000	95	404314	100.0	96.0	
84 Pentachloronitrobenzene	237	8.646	8.646	0.000	90	107419	50.0	48.7	
72 n-Octadecane	57	8.711	8.711	0.000	95	459849	50.0	43.4	
* 85 Phenanthrene-d10	188	8.811	8.811	0.000	98	899330	40.0	40.0	
86 Phenanthrene	178	8.834	8.834	0.000	97	1199906	50.0	49.3	
87 Anthracene	178	8.881	8.881	0.000	99	1248435	50.0	51.0	
88 Carbazole	167	9.040	9.040	0.000	96	1101853	50.0	54.1	
89 Di-n-butyl phthalate	149	9.387	9.387	0.000	99	1252714	50.0	47.9	
90 Fluoranthene	202	9.999	9.999	0.000	98	1267180	50.0	54.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.128	10.128	0.000	99	891350	50.0	50.5	
92 Pyrene	202	10.222	10.222	0.000	97	1305671	50.0	50.1	
93 Bisphenol-A	213	10.270	10.270	0.000	99	594751	50.0	53.7	
$ 94 Terphenyl-d14	244	10.381	10.381	0.000	99	1061370	50.0	49.4	
95 Butyl benzyl phthalate	149	10.905	10.905	0.000	97	544199	50.0	50.4	
96 2,3,7,8-TCDD	320	11.017	11.017	0.000	30	2113	0.5000	0.4743	7
97 Carbamazepine	193	11.034	11.034	0.000	91	585313	50.0	43.6	
98 3,3'-Dichlorobenzidine	252	11.528	11.528	0.000	99	596861	50.0	55.1	
99 Benzo[a]anthracene	228	11.558	11.558	0.000	98	1320336	50.0	50.7	
* 100 Chrysene-d12	240	11.569	11.569	0.000	99	941062	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.599	11.599	0.000	86	803464	50.0	44.3	
101 Chrysene	228	11.605	11.605	0.000	98	1284891	50.0	49.4	
103 Di-n-octyl phthalate	149	12.452	12.452	0.000	97	1377462	50.0	44.9	
104 Benzo[b]fluoranthene	252	12.963	12.963	0.000	99	1491757	50.0	55.8	
105 Benzo[k]fluoranthene	252	12.999	12.999	0.000	99	1637696	50.0	52.6	
106 Benzo[a]pyrene	252	13.405	13.405	0.000	97	1557112	50.0	54.9	
* 107 Perylene-d12	264	13.481	13.481	0.000	99	1179549	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.928	14.928	0.000	99	1897122	50.0	46.6	
109 Dibenz(a,h)anthracene	278	14.957	14.957	0.000	96	1802866	50.0	48.7	
110 Benzo[g,h,i]perylene	276	15.281	15.281	0.000	98	1891443	50.0	45.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

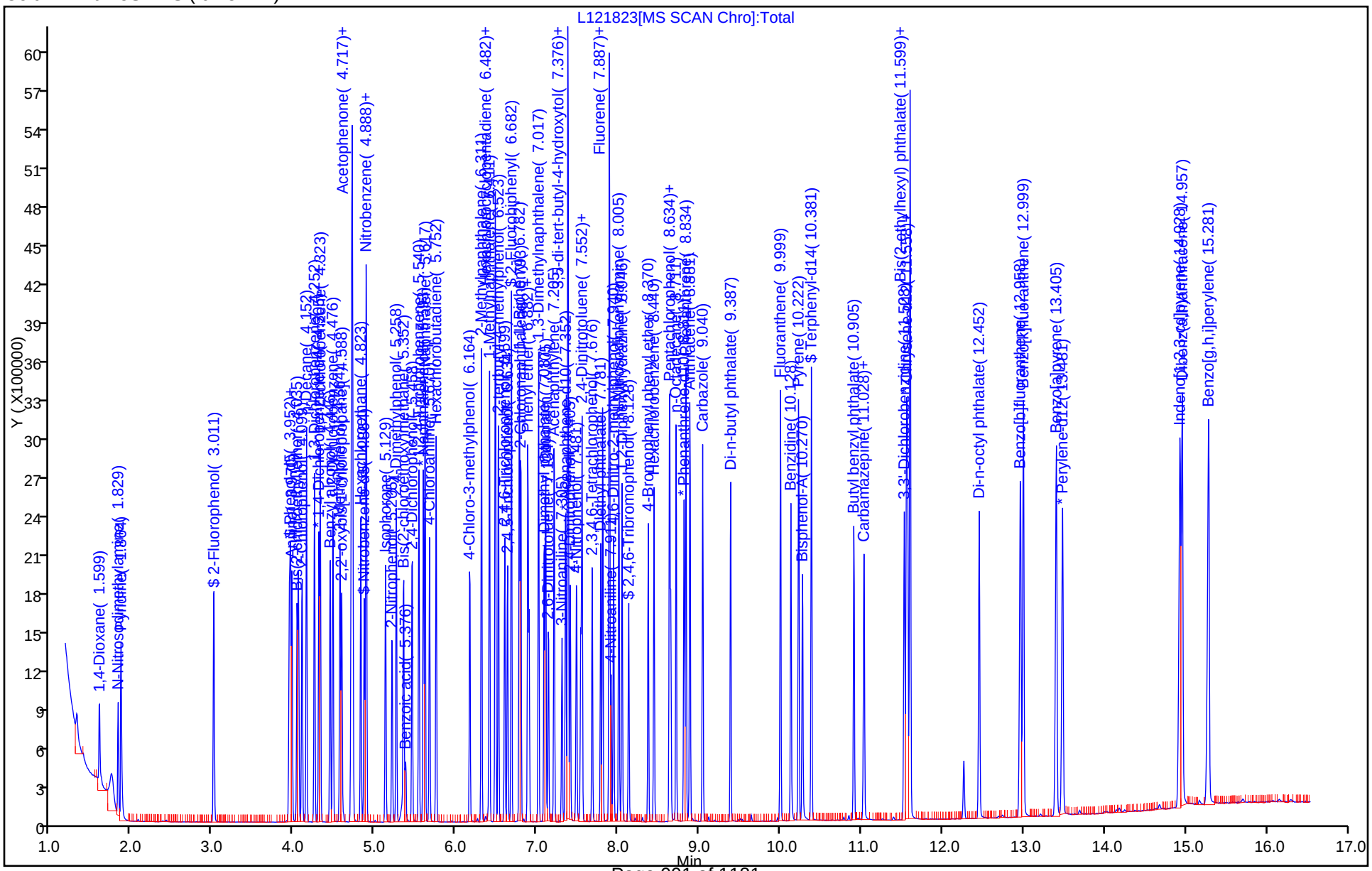
Report Date: 26-May-2015 11:42:31 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121823.D

Injection Date:	24-May-2015 09:15:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5016	0.4732	0.0100	47200	50000	-5.7	20.0
N-Nitrosodimethylamine	Ave	0.6855	0.6759		49300	50000	-1.4	20.0
Pyridine	Ave	1.211	1.190		49100	50000	-1.8	20.0
Phenol	Ave	1.473	1.572	0.8000	53400	50000	6.7	20.0
Aniline	Ave	1.743	1.790		51300	50000	2.7	20.0
Bis(2-chloroethyl)ether	Ave	1.162	1.143	0.7000	49200	50000	-1.6	20.0
2-Chlorophenol	Ave	1.319	1.317	0.8000	49900	50000	-0.2	20.0
n-Decane	Ave	1.301	1.234	0.0100	47500	50000	-5.1	20.0
1,3-Dichlorobenzene	Ave	1.572	1.539		48900	50000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.580	1.554		49200	50000	-1.7	20.0
Benzyl alcohol	Ave	0.7390	0.7720	0.0100	52200	50000	4.5	20.0
1,2-Dichlorobenzene	Ave	1.475	1.469		49800	50000	-0.4	20.0
2-Methylphenol	Ave	1.046	1.079	0.7000	51500	50000	3.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.506	1.507	0.0100	50000	50000	0.0	20.0
Acetophenone	Ave	1.485	1.572	0.0100	52900	50000	5.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.7392	0.7647	0.5000	51700	50000	3.5	20.0
3 & 4 Methylphenol	Ave	1.146	1.229		53600	50000	7.2	20.0
4-Methylphenol	Ave	1.146	1.229	0.6000	53600	50000	7.2	20.0
Hexachloroethane	Ave	0.5964	0.5897	0.3000	49400	50000	-1.1	20.0
Nitrobenzene	Ave	0.4700	0.4599	0.2000	48900	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	1.810	1.926	0.0100	53200	50000	6.4	20.0
Isophorone	Ave	0.5140	0.5380	0.4000	52300	50000	4.7	20.0
2-Nitrophenol	Ave	0.1863	0.1938	0.1000	52000	50000	4.0	20.0
2,4-Dimethylphenol	Ave	0.2871	0.2927	0.2000	51000	50000	2.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.3616	0.3612	0.3000	49900	50000	-0.1	20.0
Benzoic acid	Lin2		0.1585		53100	50000	6.3	20.0
2,4-Dichlorophenol	Ave	0.2888	0.3017	0.2000	52200	50000	4.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3449		50100	50000	0.2	20.0
Naphthalene	Ave	1.022	1.008	0.7000	49300	50000	-1.3	20.0
4-Chloroaniline	Ave	0.3943	0.4082	0.0100	51800	50000	3.5	20.0
Hexachlorobutadiene	Ave	0.2143	0.2158	0.0100	50300	50000	0.7	20.0
4-Chloro-3-methylphenol	Ave	0.2193	0.2432		55400	50000	10.9	20.0
2-Methylnaphthalene	Ave	0.6331	0.6564	0.4000	51800	50000	3.7	20.0
1-Methylnaphthalene	Ave	0.5839	0.6064	0.0100	51900	50000	3.9	20.0
Hexachlorocyclopentadiene	Ave	0.4457	0.5135	0.0500	57600	50000	15.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7461	0.7151	0.0100	47900	50000	-4.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4133	0.4558	0.0100	55100	50000	10.3	20.0
2,4,6-Trichlorophenol	Ave	0.4197	0.4388	0.2000	52300	50000	4.6	20.0
2,4,5-Trichlorophenol	Ave	0.4410	0.4577	0.2000	51900	50000	3.8	20.0
1,1'-Biphenyl	Ave	1.692	1.646	0.0100	48700	50000	-2.7	20.0
2-Chloronaphthalene	Ave	1.363	1.323	0.8000	48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9348	0.9363	0.0100	50100	50000	0.2	20.0
2-Nitroaniline	Ave	0.3675	0.3862	0.0100	52500	50000	5.1	20.0
1,3-Dimethylnaphthalene	Ave	1.069	1.027	0.0100	48000	50000	-4.0	20.0
Dimethyl phthalate	Ave	1.182	1.308	0.0100	55300	50000	10.7	20.0
Coumarin	Ave	0.1710	0.2118	0.0100	61900	50000	23.8*	20.0
2,6-Dinitrotoluene	Ave	0.2559	0.3056	0.2000	59700	50000	19.4	20.0
Acenaphthylene	Ave	1.868	1.882	0.9000	50400	50000	0.7	20.0
3-Nitroaniline	Ave	0.2858	0.3316	0.0100	58000	50000	16.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.195	1.318	0.0100	55200	50000	10.3	20.0
Acenaphthene	Ave	1.233	1.229	0.9000	49800	50000	-0.3	20.0
2,4-Dinitrophenol	Qua		0.2073	0.0100	123000	100000	23.2*	20.0
4-Nitrophenol	Ave	0.1636	0.1868	0.0100	114000	100000	14.2	20.0
2,4-Dinitrotoluene	Ave	0.2929	0.3834	0.2000	65500	50000	30.9*	20.0
Dibenzofuran	Ave	1.696	1.769	0.8000	52200	50000	4.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3188	0.3633	0.0100	57000	50000	13.9	20.0
Diethyl phthalate	Ave	1.078	1.239	0.0100	57500	50000	15.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6604	0.7103	0.4000	53800	50000	7.6	20.0
Fluorene	Ave	1.249	1.348	0.9000	54000	50000	7.9	20.0
4-Nitroaniline	Ave	0.2639	0.3132	0.0100	59300	50000	18.7	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1471	0.0100	105000	100000	4.8	20.0
N-Nitrosodiphenylamine	Ave	0.6067	0.6370	0.0100	52500	50000	5.0	20.0
1,2-Diphenylhydrazine	Ave	0.8332	0.7393	0.0100	44400	50000	-11.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2681	0.2590	0.1000	48300	50000	-3.4	20.0
Hexachlorobenzene	Ave	0.3092	0.3111	0.1000	50300	50000	0.6	20.0
Pentachlorophenol	Lin2		0.1815	0.0500	96800	100000	-3.2	20.0
Pentachloronitrobenzene	Ave	0.0981	0.0951	0.0100	48500	50000	-3.0	20.0
n-Octadecane	Ave	0.4716	0.4218	0.0100	44700	50000	-10.6	20.0
Phenanthrene	Ave	1.082	1.052	0.7000	48600	50000	-2.8	20.0
Anthracene	Ave	1.089	1.093	0.7000	50200	50000	0.4	20.0
Carbazole	Ave	0.9066	0.9223	0.0100	50900	50000	1.7	20.0
Di-n-butyl phthalate	Lin2		1.141	0.0100	49000	50000	-2.0	20.0
Fluoranthene	Ave	1.038	1.057	0.6000	50900	50000	1.8	20.0
Benzidine	Qua		0.7114		46000	50000	-8.0	20.0
Pyrene	Ave	1.107	1.173	0.6000	53000	50000	6.0	20.0
Butyl benzyl phthalate	Ave	0.4587	0.4929	0.0100	53700	50000	7.4	20.0
2,3,7,8-TCDD	Ave	0.1894	0.1894	0.0100	500	500	0.0	20.0
Carbamazepine	Ave	0.5711	0.4973	0.0100	43500	50000	-12.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4603	0.5172	0.0100	56200	50000	12.4	20.0
Benzo[a]anthracene	Ave	1.108	1.116	0.8000	50400	50000	0.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7709	0.7422	0.0100	48100	50000	-3.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.105	1.080	0.7000	48800	50000	-2.3	20.0
Di-n-octyl phthalate	Ave	1.041	1.013	0.0100	48700	50000	-2.7	20.0
Benzo[b]fluoranthene	Ave	0.9073	1.034	0.7000	57000	50000	14.0	20.0
Benzo[k]fluoranthene	Ave	1.055	1.084	0.7000	51400	50000	2.7	20.0
Benzo[a]pyrene	Ave	0.9620	1.046	0.7000	54400	50000	8.8	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.300	0.5000	47100	50000	-5.8	20.0
Dibenz(a,h)anthracene	Ave	1.256	1.280	0.4000	51000	50000	1.9	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.286	0.5000	45100	50000	-9.8	20.0
2-Fluorophenol (Surr)	Ave	1.291	1.335	0.0100	51700	50000	3.3	20.0
Phenol-d5 (Surr)	Ave	1.424	1.505	0.0100	52800	50000	5.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3521	0.3616	0.0100	51300	50000	2.7	20.0
2-Fluorobiphenyl	Ave	1.680	1.706	0.0100	50800	50000	1.5	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.3347	0.0100	60800	50000	21.7*	20.0
Terphenyl-d14 (Surr)	Ave	0.9132	0.998	0.0100	54600	50000	9.3	20.0

Report Date: 26-May-2015 13:41:49 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121854.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 07:53:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 13:41:48 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: manlangitf Date: 26-May-2015 08:13:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.576	1.576	0.000	92	281130	50.0	47.2	
	2 N-Nitrosodimethylamine	74	1.806	1.806	0.000	89	401596	50.0	49.3	
	3 Pyridine	79	1.841	1.841	0.000	95	706884	50.0	49.1	
$	4 2-Fluorophenol	112	2.982	2.982	0.000	96	792889	50.0	51.7	
$	6 Phenol-d5	99	3.923	3.923	0.000	94	894213	50.0	52.8	
	7 Phenol	94	3.935	3.935	0.000	99	933754	50.0	53.4	
	8 Aniline	93	3.947	3.947	0.000	99	1063365	50.0	51.3	
	9 Bis(2-chloroethyl)ether	93	4.011	4.011	0.000	99	679192	50.0	49.2	
	10 2-Chlorophenol	128	4.076	4.076	0.000	97	782430	50.0	49.9	
	11 n-Decane	43	4.129	4.129	0.000	90	733457	50.0	47.5	
	12 1,3-Dichlorobenzene	146	4.229	4.229	0.000	97	914365	50.0	48.9	
*	13 1,4-Dichlorobenzene-d4	152	4.282	4.282	0.000	94	475317	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.300	4.300	0.000	95	923359	50.0	49.2	
	15 Benzyl alcohol	108	4.423	4.423	0.000	94	458678	50.0	52.2	
	16 1,2-Dichlorobenzene	146	4.452	4.452	0.000	97	872620	50.0	49.8	
	17 2-Methylphenol	108	4.547	4.547	0.000	92	640896	50.0	51.5	
	18 2,2'-oxybis[1-chloropropan	45	4.564	4.564	0.000	94	895261	50.0	50.0	
	22 Acetophenone	105	4.694	4.694	0.000	92	933757	50.0	52.9	
	21 N-Nitrosodi-n-propylamine	70	4.694	4.694	0.000	87	454335	50.0	51.7	
	20 3 & 4 Methylphenol	108	4.705	4.705	0.000	97	729991	50.0	53.6	
	19 4-Methylphenol	108	4.705	4.705	0.000	94	729991	50.0	53.6	
	25 Hexachloroethane	117	4.799	4.799	0.000	92	350344	50.0	49.4	
$	26 Nitrobenzene-d5	82	4.841	4.841	0.000	86	761572	50.0	51.3	
	27 Nitrobenzene	77	4.864	4.864	0.000	98	968651	50.0	48.9	
	28 n,n'-Dimethylaniline	120	4.870	4.870	0.000	96	1144066	50.0	53.2	
	29 Isophorone	82	5.105	5.105	0.000	99	1133043	50.0	52.3	
	30 2-Nitrophenol	139	5.188	5.188	0.000	95	408102	50.0	52.0	
	31 2,4-Dimethylphenol	122	5.241	5.241	0.000	92	616374	50.0	51.0	
	32 Bis(2-chloroethoxy)methane	93	5.329	5.329	0.000	99	760635	50.0	49.9	
	33 Benzoic acid	122	5.364	5.364	0.000	89	333894	50.0	53.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.435	5.435	0.000	97	635340	50.0	52.2	
35 1,2,4-Trichlorobenzene	180	5.517	5.517	0.000	94	726454	50.0	50.1	
* 36 Naphthalene-d8	136	5.570	5.570	0.000	99	1684880	40.0	40.0	
37 Naphthalene	128	5.594	5.594	0.000	100	2123879	50.0	49.3	
38 4-Chloroaniline	127	5.647	5.647	0.000	97	859647	50.0	51.8	
39 Hexachlorobutadiene	225	5.729	5.729	0.000	97	454408	50.0	50.3	
41 4-Chloro-3-methylphenol	107	6.146	6.146	0.000	94	512187	50.0	55.4	
42 2-Methylnaphthalene	142	6.288	6.288	0.000	85	1382503	50.0	51.8	
43 1-Methylnaphthalene	142	6.388	6.388	0.000	93	1277126	50.0	51.9	
44 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	97	511532	50.0	57.6	
45 1,2,4,5-Tetrachlorobenzene	216	6.464	6.464	0.000	98	712317	50.0	47.9	
46 2-tertbutyl-4-methylphenol	149	6.499	6.499	0.000	93	959880	50.0	55.1	
48 2,4,6-Trichlorophenol	196	6.576	6.576	0.000	92	437085	50.0	52.3	
49 2,4,5-Trichlorophenol	196	6.611	6.611	0.000	99	455912	50.0	51.9	
$ 50 2-Fluorobiphenyl	172	6.658	6.658	0.000	98	1698968	50.0	50.8	
51 1,1'-Biphenyl	154	6.758	6.758	0.000	95	1639564	50.0	48.7	
52 2-Chloronaphthalene	162	6.776	6.776	0.000	99	1317342	50.0	48.5	
53 Phenyl ether	170	6.864	6.864	0.000	86	932591	50.0	50.1	
54 2-Nitroaniline	65	6.876	6.876	0.000	95	384669	50.0	52.5	
55 1,3-Dimethylnaphthalene	156	6.993	6.993	0.000	93	1022529	50.0	48.0	
58 Dimethyl phthalate	163	7.064	7.064	0.000	99	1303103	50.0	55.3	
59 Coumarin	146	7.082	7.082	0.000	81	446017	50.0	61.9	
60 2,6-Dinitrotoluene	165	7.117	7.117	0.000	96	304439	50.0	59.7	
61 Acenaphthylene	152	7.188	7.188	0.000	98	1874298	50.0	50.4	
62 3-Nitroaniline	138	7.282	7.282	0.000	97	330258	50.0	58.0	
* 63 Acenaphthene-d10	164	7.329	7.329	0.000	96	796865	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.352	7.352	0.000	96	1313086	50.0	55.2	
65 Acenaphthene	154	7.358	7.358	0.000	94	1224259	50.0	49.8	
66 2,4-Dinitrophenol	184	7.388	7.388	0.000	94	412927	100.0	123.2	
67 4-Nitrophenol	65	7.464	7.464	0.000	89	372114	100.0	114.2	
68 2,4-Dinitrotoluene	165	7.517	7.517	0.000	97	381925	50.0	65.5	
69 Dibenzofuran	168	7.529	7.529	0.000	96	1762332	50.0	52.2	
70 2,3,4,6-Tetrachlorophenol	232	7.658	7.658	0.000	98	361854	50.0	57.0	
71 Diethyl phthalate	149	7.764	7.764	0.000	99	1234122	50.0	57.5	
73 4-Chlorophenyl phenyl ethe	204	7.864	7.864	0.000	79	707522	50.0	53.8	
74 Fluorene	166	7.870	7.870	0.000	95	1342318	50.0	54.0	
75 4-Nitroaniline	138	7.888	7.888	0.000	87	311954	50.0	59.3	
76 4,6-Dinitro-2-methylphenol	198	7.923	7.923	0.000	93	491662	100.0	104.8	
77 N-Nitrosodiphenylamine	169	7.988	7.988	0.000	66	1064932	50.0	52.5	
78 1,2-Diphenylhydrazine	77	8.023	8.023	0.000	96	1235996	50.0	44.4	
$ 79 2,4,6-Tribromophenol	330	8.105	8.105	0.000	91	333365	50.0	60.8	
80 4-Bromophenyl phenyl ether	248	8.346	8.346	0.000	96	433036	50.0	48.3	
81 Hexachlorobenzene	284	8.417	8.417	0.000	95	520144	50.0	50.3	
83 Pentachlorophenol	266	8.611	8.611	0.000	96	606853	100.0	96.8	
84 Pentachloronitrobenzene	237	8.623	8.623	0.000	91	159063	50.0	48.5	
72 n-Octadecane	57	8.693	8.693	0.000	94	705175	50.0	44.7	
* 85 Phenanthrene-d10	188	8.787	8.787	0.000	98	1337438	40.0	40.0	
86 Phenanthrene	178	8.811	8.811	0.000	97	1758665	50.0	48.6	
87 Anthracene	178	8.858	8.858	0.000	99	1827638	50.0	50.2	
88 Carbazole	167	9.017	9.017	0.000	96	1541831	50.0	50.9	
89 Di-n-butyl phthalate	149	9.364	9.364	0.000	99	1907300	50.0	49.0	
90 Fluoranthene	202	9.976	9.976	0.000	98	1767605	50.0	50.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.105	10.105	0.000	99	1189273	50.0	46.0	
92 Pyrene	202	10.199	10.199	0.000	97	1793389	50.0	53.0	
93 Bisphenol-A	213	10.252	10.252	0.000	99	805116	50.0	55.9	
$ 94 Terphenyl-d14	244	10.358	10.358	0.000	99	1525804	50.0	54.6	
95 Butyl benzyl phthalate	149	10.881	10.881	0.000	95	753660	50.0	53.7	
96 2,3,7,8-TCDD	320	10.993	10.993	0.000	91	2896	0.5000	0.5001	
97 Carbamazepine	193	11.005	11.005	0.000	91	760433	50.0	43.5	
98 3,3'-Dichlorobenzidine	252	11.499	11.499	0.000	99	790813	50.0	56.2	
99 Benzo[a]anthracene	228	11.528	11.528	0.000	98	1706599	50.0	50.4	
* 100 Chrysene-d12	240	11.540	11.540	0.000	99	1223245	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.576	11.576	0.000	80	1134821	50.0	48.1	
101 Chrysene	228	11.576	11.576	0.000	98	1650809	50.0	48.8	
103 Di-n-octyl phthalate	149	12.423	12.423	0.000	96	1922186	50.0	48.7	
104 Benzo[b]fluoranthene	252	12.928	12.928	0.000	99	1961979	50.0	57.0	
105 Benzo[k]fluoranthene	252	12.964	12.964	0.000	99	2056831	50.0	51.4	
106 Benzo[a]pyrene	252	13.370	13.370	0.000	97	1985207	50.0	54.4	
* 107 Perylene-d12	264	13.446	13.446	0.000	99	1517914	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.893	14.893	0.000	99	2466014	50.0	47.1	
109 Dibenz(a,h)anthracene	278	14.922	14.922	0.000	96	2428798	50.0	51.0	
110 Benzo[g,h,i]perylene	276	15.246	15.246	0.000	98	2440584	50.0	45.1	

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

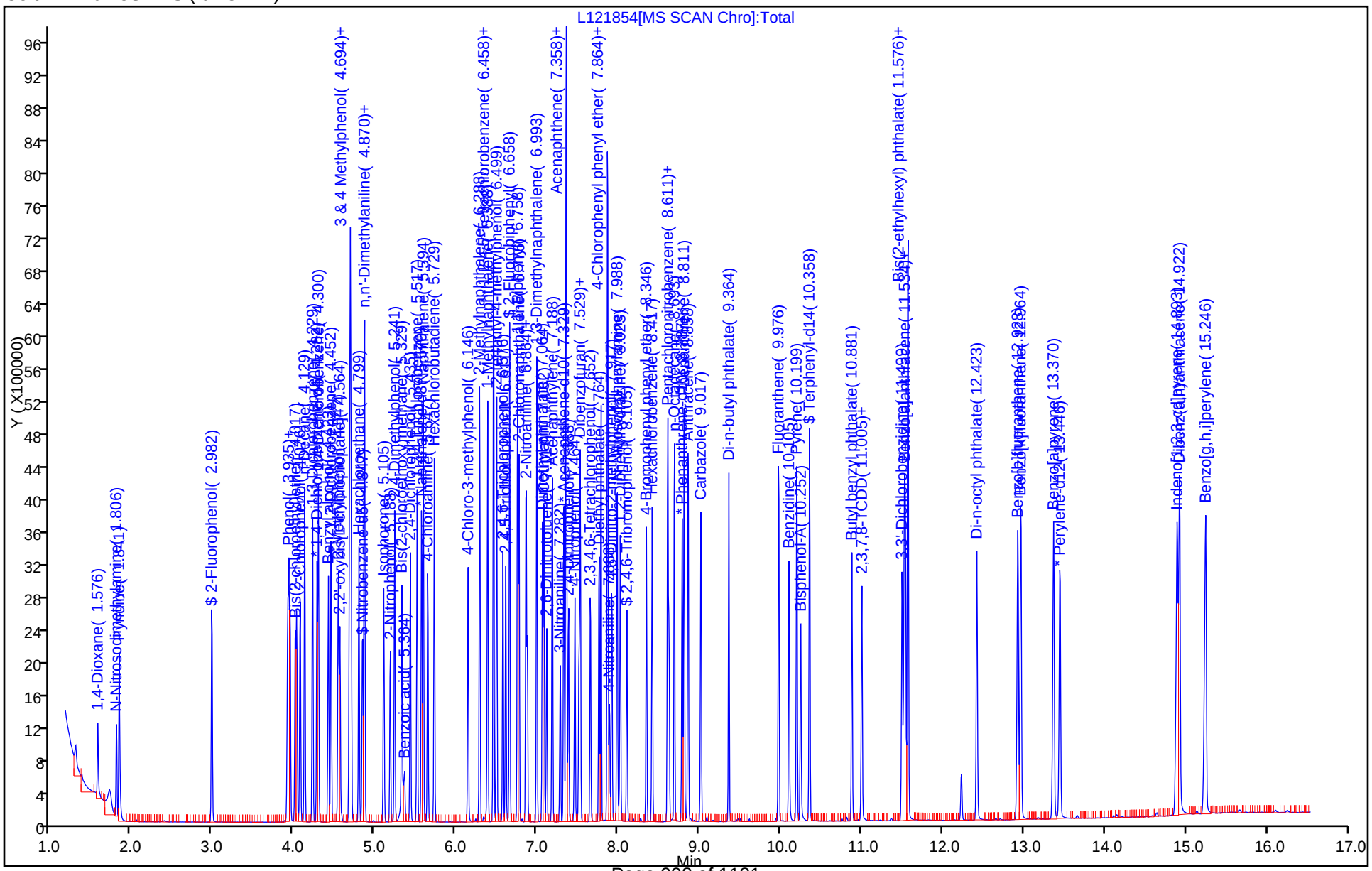
Report Date: 26-May-2015 13:41:49 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121854.D

Injection Date:	26-May-2015 07:53:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.5797	0.0100	9590	10000	-4.1	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.8422		9140	10000	-8.6	20.0
Pyridine	Ave	1.542	1.424		9230	10000	-7.7	20.0
Phenol	Ave	1.776	1.654	0.8000	9310	10000	-6.9	20.0
Aniline	Ave	2.303	2.180		9470	10000	-5.3	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.342	0.7000	7820	10000	-21.8*	20.0
2-Chlorophenol	Ave	1.480	1.414	0.8000	9550	10000	-4.5	20.0
n-Decane	Ave	2.111	1.898	0.0100	8990	10000	-10.1	20.0
1,3-Dichlorobenzene	Ave	1.642	1.589		9680	10000	-3.2	20.0
1,4-Dichlorobenzene	Ave	1.660	1.605		9660	10000	-3.4	20.0
Benzyl alcohol	Ave	0.8326	0.7873	0.0100	9460	10000	-5.4	20.0
1,2-Dichlorobenzene	Ave	1.537	1.491		9700	10000	-3.0	20.0
2-Methylphenol	Ave	1.322	1.230	0.7000	9310	10000	-6.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.321	0.0100	8470	10000	-15.3	20.0
3 & 4 Methylphenol	Ave	1.358	1.295		9530	10000	-4.7	20.0
4-Methylphenol	Ave	1.355	1.279	0.6000	9440	10000	-5.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.8301	0.5000	8590	10000	-14.1	20.0
Acetophenone	Ave	1.853	1.644	0.0100	8870	10000	-11.3	20.0
Hexachloroethane	Ave	0.6609	0.6525	0.3000	9870	10000	-1.3	20.0
n,n'-Dimethylaniline	Ave	2.186	2.095	0.0100	9580	10000	-4.2	20.0
Nitrobenzene	Ave	0.5254	0.5272	0.2000	10000	10000	0.4	20.0
Isophorone	Ave	0.6359	0.5528	0.4000	8690	10000	-13.1	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3378	0.2000	9460	10000	-5.4	20.0
2-Nitrophenol	Ave	0.1895	0.1948	0.1000	10300	10000	2.8	20.0
Benzoic acid	Ave	0.1689	0.1625		9620	10000	-3.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.3940	0.3000	9010	10000	-9.9	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2827	0.2000	10200	10000	2.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.3019		9830	10000	-1.7	20.0
Naphthalene	Ave	1.111	1.068	0.7000	9620	10000	-3.8	20.0
4-Chloroaniline	Ave	0.5937	0.5532	0.0100	9320	10000	-6.8	20.0
Hexachlorobutadiene	Ave	0.1591	0.1587	0.0100	9980	10000	-0.2	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2493		9450	10000	-5.5	20.0
2-Methylnaphthalene	Ave	0.6799	0.6253	0.4000	9200	10000	-8.0	20.0
1-Methylnaphthalene	Ave	0.6323	0.5735	0.0100	9070	10000	-9.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4169	0.0100	9540	10000	-4.6	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.4244	0.0500	11400	10000	14.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6695	0.0100	11400	10000	13.8	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4317	0.2000	11600	10000	15.8	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4566	0.2000	11300	10000	13.2	20.0
1,1'-Biphenyl	Ave	1.683	1.845	0.0100	11000	10000	9.6	20.0
2-Chloronaphthalene	Ave	1.310	1.460	0.8000	11100	10000	11.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9541	0.0100	11300	10000	12.7	20.0
2-Nitroaniline	Ave	0.4409	0.4797	0.0100	10900	10000	8.8	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.164	0.0100	11100	10000	11.2	20.0
Dimethyl phthalate	Ave	1.208	1.210	0.0100	10000	10000	0.1	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.3081	0.2000	11000	10000	9.9	20.0
Coumarin	Ave	0.2003	0.1678	0.0100	8380	10000	-16.2	20.0
Acenaphthylene	Ave	1.915	2.017	0.9000	10500	10000	5.3	20.0
3-Nitroaniline	Ave	0.3384	0.3525	0.0100	10400	10000	4.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.139	0.0100	10800	10000	7.8	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1889	0.0100	24500	20000	22.7*	20.0
Acenaphthene	Ave	1.274	1.434	0.9000	11200	10000	12.5	20.0
4-Nitrophenol	Ave	0.2316	0.2370	0.0100	20500	20000	2.4	20.0
2,4-Dinitrotoluene	Lin2		0.3717	0.2000	10700	10000	7.1	20.0
Dibenzofuran	Ave	1.664	1.730	0.8000	10400	10000	4.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2870	0.0100	10600	10000	6.5	20.0
Diethyl phthalate	Ave	1.172	1.148	0.0100	9800	10000	-2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.5728	0.4000	10000	10000	0.4	20.0
4-Nitroaniline	Ave	0.2970	0.3207	0.0100	10800	10000	8.0	20.0
Fluorene	Ave	1.284	1.308	0.9000	10200	10000	1.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1563	0.0100	23500	20000	17.4	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.7121	0.0100	10100	10000	1.0	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.063	0.0100	9390	10000	-6.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2352	0.1000	9580	10000	-4.2	20.0
Hexachlorobenzene	Ave	0.2507	0.2478	0.1000	9880	10000	-1.2	20.0
n-Octadecane	Ave	0.8843	0.7886	0.0100	8920	10000	-10.8	20.0
Pentachlorophenol	Ave	0.1477	0.1553	0.0500	21000	20000	5.1	20.0
Pentachloronitrobenzene	Ave	0.0912	0.0990	0.0100	10900	10000	8.5	20.0
Phenanthrene	Ave	1.226	1.178	0.7000	9600	10000	-4.0	20.0
Anthracene	Ave	1.254	1.206	0.7000	9620	10000	-3.8	20.0
Carbazole	Ave	1.029	1.043	0.0100	10100	10000	1.4	20.0
Di-n-butyl phthalate	Ave	1.214	1.189	0.0100	9790	10000	-2.1	20.0
Fluoranthene	Ave	0.8842	0.9561	0.6000	10800	10000	8.1	20.0
Benzidine	Ave	0.4013	0.5702		14200	10000	42.1*	20.0
Bisphenol-A	Qua	0.3261	0.5591		12400	10000	24.2*	20.0
Pyrene	Qua		1.691	0.6000	7430	10000	-25.7*	20.0
Butyl benzyl phthalate	Ave	0.7751	0.6841	0.0100	8830	10000	-11.7	20.0
Carbamazepine	Qua		0.4991	0.0100	10900	10000	9.1	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1476	0.0100	80.0	100	-20.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	0.8678	0.0100	10100	10000	1.4	20.0
3,3'-Dichlorobenzidine	Lin2		0.4425	0.0100	10400	10000	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300751/2 Calibration Date: 05/26/2015 06:47

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16506.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.205	0.8000	9810	10000	-1.9	20.0
Chrysene	Ave	1.160	1.120	0.7000	9660	10000	-3.4	20.0
Di-n-octyl phthalate	Ave	1.545	1.600	0.0100	10400	10000	3.5	20.0
Benzo[b]fluoranthene	Ave	1.115	1.152	0.7000	10300	10000	3.3	20.0
Benzo[k]fluoranthene	Ave	1.227	1.219	0.7000	9930	10000	-0.7	20.0
Benzo[a]pyrene	Ave	1.100	1.126	0.7000	10200	10000	2.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.324	0.5000	9770	10000	-2.3	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.092	0.4000	9690	10000	-3.1	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.120	0.5000	9590	10000	-4.1	20.0
2-Fluorophenol (Surr)	Ave	1.388	1.420	0.0100	10200	10000	2.3	20.0
Phenol-d5 (Surr)	Ave	1.648	1.673	0.0100	10100	10000	1.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4086	0.4351	0.0100	10600	10000	6.5	20.0
2-Fluorobiphenyl	Ave	1.459	1.674	0.0100	11500	10000	14.7	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1516	0.1669	0.0100	11000	10000	10.1	20.0
Terphenyl-d14 (Surr)	QuaF		1.109	0.0100	7610	10000	-23.9*	20.0

Report Date: 26-May-2015 12:35:52 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 06:47:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027783-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 12:35:51 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: manlangitf Date: 26-May-2015 07:34:29

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.669	2.669	0.000	99	551037	10.0	9.59	
	2 N-Nitrosodimethylamine	74	2.905	2.905	0.000	81	800534	10.0	9.14	
	3 Pyridine	79	2.969	2.969	0.000	84	1353133	10.0	9.23	
$	4 2-Fluorophenol	112	4.122	4.122	0.000	95	1350220	10.0	10.2	
$	6 Phenol-d5	99	4.981	4.981	0.000	95	1589867	10.0	10.1	
	7 Phenol	94	4.993	4.993	0.000	99	1571931	10.0	9.31	
	8 Aniline	93	5.063	5.063	0.000	99	2072393	10.0	9.47	
	9 Bis(2-chloroethyl)ether	93	5.093	5.093	0.000	94	1275621	10.0	7.82	
	125 Benzonitrile	103	5.140	5.140	0.000	98	2389099	NC	NC	
	11 n-Decane	43	5.199	5.199	0.000	93	1804264	10.0	8.99	
	10 2-Chlorophenol	128	5.199	5.199	0.000	84	1343627	10.0	9.55	
	12 1,3-Dichlorobenzene	146	5.357	5.357	0.000	95	1510323	10.0	9.68	
*	13 1,4-Dichlorobenzene-d4	152	5.404	5.404	0.000	96	760440	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.422	5.422	0.000	94	1525325	10.0	9.66	
	15 Benzyl alcohol	108	5.504	5.504	0.000	94	748392	10.0	9.46	
	16 1,2-Dichlorobenzene	146	5.581	5.581	0.000	96	1417046	10.0	9.70	
	17 2-Methylphenol	108	5.599	5.599	0.000	93	1169344	10.0	9.31	
	18 2,2'-oxybis[1-chloropropan	45	5.634	5.634	0.000	94	2206486	10.0	8.47	
	22 3 & 4 Methylphenol	108	5.746	5.746	0.000	70	1230485	10.0	9.53	
	21 4-Methylphenol	108	5.746	5.746	0.000	94	1215794	10.0	9.44	
	20 N-Nitrosodi-n-propylamine	70	5.763	5.763	0.000	91	789041	10.0	8.59	
	126 N-Methylaniline	106	5.769	5.769	0.000	75	1867662	NC	NC	
	19 Acetophenone	105	5.781	5.781	0.000	96	1562825	10.0	8.87	
	24 Hexachloroethane	117	5.928	5.928	0.000	90	620243	10.0	9.87	
$	25 Nitrobenzene-d5	82	5.946	5.946	0.000	90	1435633	10.0	10.6	
	27 n,n'-Dimethylaniline	120	5.963	5.963	0.000	93	1991356	10.0	9.58	
	26 Nitrobenzene	77	5.963	5.963	0.000	91	1739718	10.0	10.0	
	28 Isophorone	82	6.193	6.193	0.000	99	1824029	10.0	8.69	
	30 2,4-Dimethylphenol	122	6.287	6.287	0.000	85	1114664	10.0	9.46	
	29 2-Nitrophenol	139	6.287	6.287	0.000	79	642700	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
32 Benzoic acid	122	6.351	6.351	0.000	87	536083	10.0	9.62	M
31 Bis(2-chloroethoxy)methane	93	6.375	6.375	0.000	98	1299917	10.0	9.01	
33 2,4-Dichlorophenol	162	6.528	6.528	0.000	96	932911	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	6.622	6.622	0.000	95	996289	10.0	9.83	
* 35 Naphthalene-d8	136	6.693	6.693	0.000	100	2639786	8.00	8.00	
36 Naphthalene	128	6.716	6.716	0.000	98	3524800	10.0	9.62	
37 4-Chloroaniline	127	6.734	6.734	0.000	96	1825380	10.0	9.32	
38 Hexachlorobutadiene	225	6.828	6.828	0.000	92	523749	10.0	9.98	
40 4-Chloro-3-methylphenol	107	7.198	7.198	0.000	97	822582	10.0	9.45	
41 2-Methylnaphthalene	142	7.410	7.410	0.000	85	2063363	10.0	9.20	
42 1-Methylnaphthalene	142	7.510	7.510	0.000	93	1892335	10.0	9.07	
45 2-tertbutyl-4-methylphenol	149	7.545	7.545	0.000	91	1375618	10.0	9.54	
43 Hexachlorocyclopentadiene	237	7.575	7.575	0.000	95	514916	10.0	11.4	
44 1,2,4,5-Tetrachlorobenzene	216	7.581	7.581	0.000	96	812275	10.0	11.4	
46 2,4,6-Trichlorophenol	196	7.681	7.681	0.000	87	523824	10.0	11.6	
47 2,4,5-Trichlorophenol	196	7.722	7.722	0.000	95	553982	10.0	11.3	
$ 48 2-Fluorobiphenyl	172	7.757	7.757	0.000	97	2031143	10.0	11.5	
49 1,1'-Biphenyl	154	7.869	7.869	0.000	96	2238149	10.0	11.0	
50 2-Chloronaphthalene	162	7.910	7.910	0.000	97	1771455	10.0	11.1	
53 Phenyl ether	170	7.963	7.963	0.000	86	1157539	10.0	11.3	
54 2-Nitroaniline	65	7.981	7.981	0.000	98	581963	10.0	10.9	
55 1,3-Dimethylnaphthalene	156	8.122	8.122	0.000	92	1412644	10.0	11.1	
56 Dimethyl phthalate	163	8.134	8.134	0.000	99	1467944	10.0	10.0	
58 2,6-Dinitrotoluene	165	8.210	8.210	0.000	79	373839	10.0	11.0	
57 Coumarin	146	8.210	8.210	0.000	67	553565	10.0	8.38	
59 Acenaphthylene	152	8.340	8.340	0.000	97	2446999	10.0	10.5	
60 3-Nitroaniline	138	8.392	8.392	0.000	96	427642	10.0	10.4	
63 3,5-di-tert-butyl-4-hydrox	205	8.434	8.434	0.000	98	1382339	10.0	10.8	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	98	970622	8.00	8.00	
64 2,4-Dinitrophenol	184	8.492	8.492	0.000	95	458294	20.0	24.5	
62 Acenaphthene	154	8.510	8.510	0.000	94	1739572	10.0	11.2	
65 4-Nitrophenol	65	8.534	8.534	0.000	93	575191	20.0	20.5	
67 2,4-Dinitrotoluene	165	8.622	8.622	0.000	94	450920	10.0	10.7	
66 Dibenzofuran	168	8.681	8.681	0.000	95	2099172	10.0	10.4	
68 2,3,4,6-Tetrachlorophenol	232	8.792	8.792	0.000	89	348233	10.0	10.6	
69 Diethyl phthalate	149	8.834	8.834	0.000	98	1392650	10.0	9.80	
71 4-Chlorophenyl phenyl ethe	204	8.992	8.992	0.000	84	694966	10.0	10.0	
72 4-Nitroaniline	138	9.010	9.010	0.000	91	389149	10.0	10.8	
70 Fluorene	166	9.028	9.028	0.000	96	1587362	10.0	10.2	
73 4,6-Dinitro-2-methylphenol	198	9.045	9.045	0.000	86	498088	20.0	23.5	
74 N-Nitrosodiphenylamine	169	9.104	9.104	0.000	68	1134432	10.0	10.1	
75 1,2-Diphenylhydrazine	77	9.157	9.157	0.000	98	1692686	10.0	9.39	
$ 76 2,4,6-Tribromophenol	330	9.275	9.275	0.000	93	202484	10.0	11.0	
77 4-Bromophenyl phenyl ether	248	9.492	9.492	0.000	84	374705	10.0	9.58	
78 Hexachlorobenzene	284	9.604	9.604	0.000	99	394716	10.0	9.88	
82 n-Octadecane	57	9.751	9.751	0.000	94	1256229	10.0	8.92	
121 Pentachlorophenol	266	9.781	9.781	0.000	92	494846	20.0	21.0	
81 Pentachloronitrobenzene	237	9.804	9.804	0.000	85	157745	10.0	10.9	
* 83 Phenanthrene-d10	188	9.986	9.986	0.000	99	1274397	8.00	8.00	
84 Phenanthrene	178	10.010	10.010	0.000	98	1876383	10.0	9.60	
85 Anthracene	178	10.063	10.063	0.000	98	1921516	10.0	9.62	
86 Carbazole	167	10.198	10.198	0.000	96	1661404	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	10.475	10.475	0.000	100	1894644	10.0	9.79	
88 Fluoranthene	202	11.310	11.310	0.000	97	1523069	10.0	10.8	
122 Benzidine	184	11.404	11.404	0.000	99	908374	10.0	14.2	
123 Bisphenol-A	213	11.551	11.551	0.000	0	515575	10.0	12.4	
90 Pyrene	202	11.598	11.598	0.000	97	1559031	10.0	7.43	
$ 91 Terphenyl-d14	244	11.722	11.722	0.000	99	1022369	10.0	7.61	
92 Butyl benzyl phthalate	149	12.322	12.322	0.000	98	630849	10.0	8.83	
93 Carbamazepine	193	12.545	12.545	0.000	92	460287	10.0	10.9	
108 2,3,7,8-TCDD	320	12.569	12.569	0.000	86	1361	0.1000	0.0800	
98 Bis(2-ethylhexyl) phthalat	149	13.151	13.151	0.000	90	800267	10.0	10.1	
94 3,3'-Dichlorobenzidine	252	13.175	13.175	0.000	99	408087	10.0	10.4	
95 Benzo[a]anthracene	228	13.263	13.263	0.000	99	1111321	10.0	9.81	
* 96 Chrysene-d12	240	13.286	13.286	0.000	98	737765	8.00	8.00	
97 Chrysene	228	13.327	13.327	0.000	98	1032920	10.0	9.66	
99 Di-n-octyl phthalate	149	14.192	14.192	0.000	97	1321823	10.0	10.4	
100 Benzo[b]fluoranthene	252	14.998	14.998	0.000	97	952204	10.0	10.3	
101 Benzo[k]fluoranthene	252	15.039	15.039	0.000	98	1006904	10.0	9.93	
102 Benzo[a]pyrene	252	15.545	15.545	0.000	95	930170	10.0	10.2	
* 103 Perylene-d12	264	15.639	15.639	0.000	96	661001	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.721	17.721	0.000	98	1093713	10.0	9.77	
105 Dibenz(a,h)anthracene	278	17.733	17.733	0.000	94	902254	10.0	9.69	
106 Benzo[g,h,i]perylene	276	18.339	18.339	0.000	95	925579	10.0	9.59	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL6_00023 Amount Added: 1.00 Units: mL

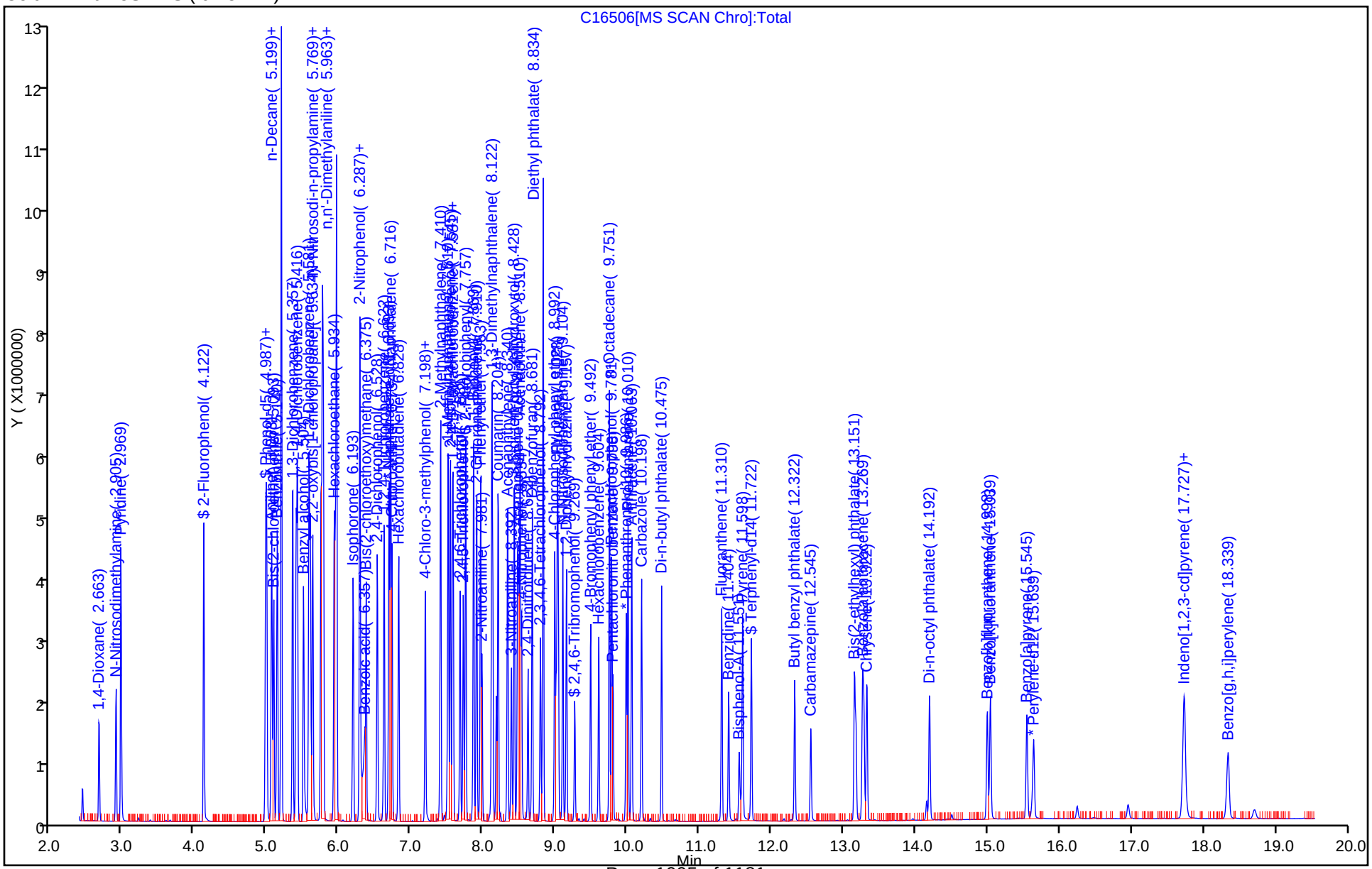
Report Date: 26-May-2015 12:35:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D

Injection Date:	26-May-2015 06:47:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

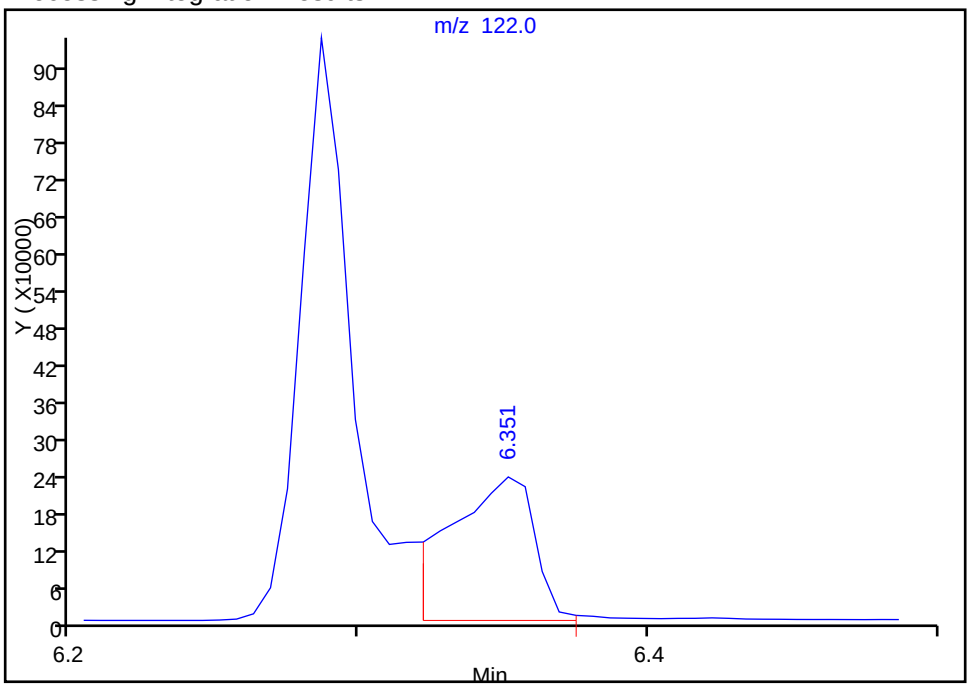
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16506.D				
Injection Date:	26-May-2015 06:47:30	Instrument ID:	CBNAMS13		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

32 Benzoic acid, CAS: 65-85-0

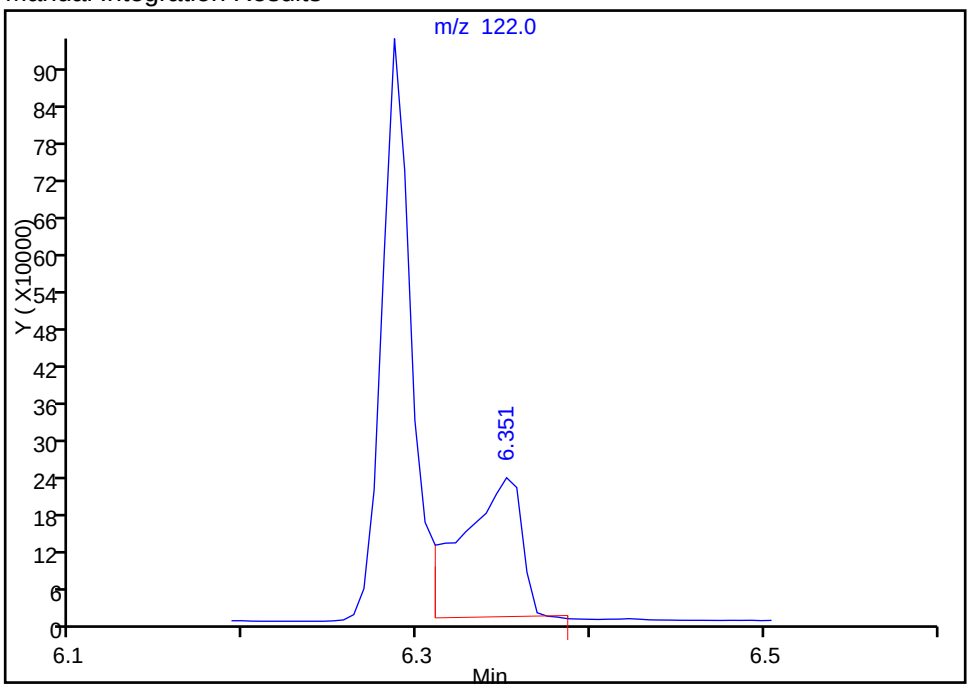
Processing Integration Results

RT: 6.35
Area: 480597
Amount: 7.946744
Amount Units: ug/ml



Manual Integration Results

RT: 6.35
Area: 536083
Amount: 9.619384
Amount Units: ug/ml



Reviewer: manlangitf, 26-May-2015 07:34:29
Audit Action: Assigned New Baseline
Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301157/2 Calibration Date: 05/27/2015 18:28

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16558.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.6045	0.0100	10000	10000	0.0	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.7625		8270	10000	-17.3	20.0
Pyridine	Ave	1.542	1.387		9000	10000	-10.0	20.0
Phenol	Ave	1.776	1.490	0.8000	8390	10000	-16.1	20.0
Aniline	Ave	2.303	1.803		7830	10000	-21.7*	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.333	0.7000	7760	10000	-22.4*	20.0
2-Chlorophenol	Ave	1.480	1.347	0.8000	9100	10000	-9.0	20.0
n-Decane	Ave	2.111	2.024	0.0100	9590	10000	-4.1	20.0
1,3-Dichlorobenzene	Ave	1.642	1.581		9630	10000	-3.7	20.0
1,4-Dichlorobenzene	Ave	1.660	1.587		9560	10000	-4.4	20.0
Benzyl alcohol	Ave	0.8326	0.6952	0.0100	8350	10000	-16.5	20.0
1,2-Dichlorobenzene	Ave	1.537	1.443		9390	10000	-6.1	20.0
2-Methylphenol	Ave	1.322	1.090	0.7000	8250	10000	-17.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.108	0.0100	7690	10000	-23.1*	20.0
3 & 4 Methylphenol	Ave	1.358	1.113		8200	10000	-18.0	20.0
4-Methylphenol	Ave	1.355	1.098	0.6000	8100	10000	-19.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.7039	0.5000	7290	10000	-27.1*	20.0
Acetophenone	Ave	1.853	1.428	0.0100	7710	10000	-22.9*	20.0
Hexachloroethane	Ave	0.6609	0.6606	0.3000	10000	10000	-0.0	20.0
n,n'-Dimethylaniline	Ave	2.186	1.874	0.0100	8570	10000	-14.3	20.0
Nitrobenzene	Ave	0.5254	0.5206	0.2000	9910	10000	-0.9	20.0
Isophorone	Ave	0.6359	0.5307	0.4000	8350	10000	-16.5	20.0
2-Nitrophenol	Ave	0.1895	0.1926	0.1000	10200	10000	1.6	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3588	0.2000	10000	10000	0.4	20.0
Benzoic acid	Ave	0.1689	0.1205		7140	10000	-28.6*	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.3925	0.3000	8980	10000	-10.2	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2822	0.2000	10200	10000	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.3115		10100	10000	1.4	20.0
Naphthalene	Ave	1.111	1.073	0.7000	9660	10000	-3.4	20.0
4-Chloroaniline	Ave	0.5937	0.5301	0.0100	8930	10000	-10.7	20.0
Hexachlorobutadiene	Ave	0.1591	0.1730	0.0100	10900	10000	8.7	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2298		8710	10000	-12.9	20.0
2-Methylnaphthalene	Ave	0.6799	0.6095	0.4000	8960	10000	-10.4	20.0
1-Methylnaphthalene	Ave	0.6323	0.5573	0.0100	8810	10000	-11.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4041	0.0100	9240	10000	-7.6	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.4654	0.0500	12500	10000	25.4*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6934	0.0100	11800	10000	17.8	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4346	0.2000	11700	10000	16.6	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4380	0.2000	10900	10000	8.6	20.0
1,1'-Biphenyl	Ave	1.683	1.858	0.0100	11000	10000	10.4	20.0
2-Chloronaphthalene	Ave	1.310	1.456	0.8000	11100	10000	11.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301157/2 Calibration Date: 05/27/2015 18:28

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16558.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9696	0.0100	11500	10000	14.5	20.0
2-Nitroaniline	Ave	0.4409	0.4572	0.0100	10400	10000	3.7	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.180	0.0100	11300	10000	12.7	20.0
Dimethyl phthalate	Ave	1.208	1.223	0.0100	10100	10000	1.2	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.3018	0.2000	10800	10000	7.7	20.0
Coumarin	Ave	0.2003	0.1543	0.0100	7710	10000	-22.9*	20.0
Acenaphthylene	Ave	1.915	2.010	0.9000	10500	10000	5.0	20.0
3-Nitroaniline	Ave	0.3384	0.3271	0.0100	9670	10000	-3.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.210	0.0100	11400	10000	14.5	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1685	0.0100	21900	20000	9.5	20.0
Acenaphthene	Ave	1.274	1.399	0.9000	11000	10000	9.8	20.0
4-Nitrophenol	Ave	0.2316	0.1835	0.0100	15900	20000	-20.7*	20.0
2,4-Dinitrotoluene	Lin2		0.3577	0.2000	10300	10000	3.1	20.0
Dibenzofuran	Ave	1.664	1.717	0.8000	10300	10000	3.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2840	0.0100	10500	10000	5.4	20.0
Diethyl phthalate	Ave	1.172	1.140	0.0100	9730	10000	-2.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.5850	0.4000	10200	10000	2.5	20.0
4-Nitroaniline	Ave	0.2970	0.2848	0.0100	9590	10000	-4.1	20.0
Fluorene	Ave	1.284	1.295	0.9000	10100	10000	0.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1478	0.0100	22200	20000	11.0	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.7204	0.0100	10200	10000	2.1	20.0
1,2-Diphenylhydrazine	Ave	1.132	1.080	0.0100	9540	10000	-4.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2471	0.1000	10100	10000	0.7	20.0
Hexachlorobenzene	Ave	0.2507	0.2488	0.1000	9920	10000	-0.8	20.0
n-Octadecane	Ave	0.8843	0.8216	0.0100	9290	10000	-7.1	20.0
Pentachlorophenol	Ave	0.1477	0.1541	0.0500	20900	20000	4.3	20.0
Pentachloronitrobenzene	Ave	0.0912	0.1012	0.0100	11100	10000	10.9	20.0
Phenanthrene	Ave	1.226	1.197	0.7000	9760	10000	-2.4	20.0
Anthracene	Ave	1.254	1.211	0.7000	9650	10000	-3.5	20.0
Carbazole	Ave	1.029	0.9933	0.0100	9650	10000	-3.5	20.0
Di-n-butyl phthalate	Ave	1.214	1.240	0.0100	10200	10000	2.1	20.0
Fluoranthene	Ave	0.8842	0.9681	0.6000	10900	10000	9.5	20.0
Benzidine	Ave	0.4013	0.5971		14900	10000	48.8*	20.0
Bisphenol-A	Qua	0.3261	0.5213		11700	10000	16.8	20.0
Pyrene	Qua		1.398	0.6000	6010	10000	-39.9*	20.0
Butyl benzyl phthalate	Ave	0.7751	0.7043	0.0100	9090	10000	-9.1	20.0
Carbamazepine	Qua		0.5875	0.0100	12600	10000	25.9*	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1545	0.0100	83.8	100	-16.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	1.006	0.0100	11700	10000	17.5	20.0
3,3'-Dichlorobenzidine	Lin2		0.5042	0.0100	11800	10000	18.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301157/2 Calibration Date: 05/27/2015 18:28

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16558.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.196	0.8000	9740	10000	-2.6	20.0
Chrysene	Ave	1.160	1.124	0.7000	9690	10000	-3.1	20.0
Di-n-octyl phthalate	Ave	1.545	1.627	0.0100	10500	10000	5.3	20.0
Benzo[b]fluoranthene	Ave	1.115	1.160	0.7000	10400	10000	4.0	20.0
Benzo[k]fluoranthene	Ave	1.227	1.167	0.7000	9510	10000	-4.9	20.0
Benzo[a]pyrene	Ave	1.100	1.123	0.7000	10200	10000	2.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.418	0.5000	10500	10000	4.7	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.180	0.4000	10500	10000	4.7	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.206	0.5000	10300	10000	3.2	20.0
2-Fluorophenol (Surr)	Ave	1.388	1.425	0.0100	10300	10000	2.7	20.0
Phenol-d5 (Surr)	Ave	1.648	1.509	0.0100	9160	10000	-8.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4086	0.4326	0.0100	10600	10000	5.9	20.0
2-Fluorobiphenyl	Ave	1.459	1.713	0.0100	11700	10000	17.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1516	0.1715	0.0100	11300	10000	13.1	20.0
Terphenyl-d14 (Surr)	QuaF		0.9771	0.0100	6600	10000	-34.0*	20.0

Report Date: 27-May-2015 21:16:24 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16558.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 27-May-2015 18:28:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027858-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 21:16:23 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 19:00:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	2.757	2.757	0.000	98	438677	10.0	10.0	
	2 N-Nitrosodimethylamine	74	2.993	2.993	0.000	81	553313	10.0	8.27	
	3 Pyridine	79	3.057	3.057	0.000	84	1006773	10.0	9.00	
$	4 2-Fluorophenol	112	4.193	4.193	0.000	95	1034259	10.0	10.3	
$	6 Phenol-d5	99	5.045	5.045	0.000	94	1095335	10.0	9.16	
	7 Phenol	94	5.057	5.057	0.000	99	1081139	10.0	8.39	
	8 Aniline	93	5.128	5.128	0.000	99	1308507	10.0	7.83	
	9 Bis(2-chloroethyl)ether	93	5.157	5.157	0.000	94	967152	10.0	7.76	
	125 Benzonitrile	103	5.204	5.204	0.000	99	1618552	NC	NC	
	11 n-Decane	43	5.263	5.263	0.000	93	1468703	10.0	9.59	
	10 2-Chlorophenol	128	5.263	5.263	0.000	82	977229	10.0	9.10	
	12 1,3-Dichlorobenzene	146	5.416	5.416	0.000	95	1147028	10.0	9.63	
*	13 1,4-Dichlorobenzene-d4	152	5.469	5.469	0.000	96	580551	8.00	8.00	
	14 1,4-Dichlorobenzene	146	5.487	5.487	0.000	94	1151941	10.0	9.56	
	15 Benzyl alcohol	108	5.569	5.569	0.000	93	504490	10.0	8.35	
	16 1,2-Dichlorobenzene	146	5.645	5.645	0.000	96	1046891	10.0	9.39	
	17 2-Methylphenol	108	5.669	5.669	0.000	90	791024	10.0	8.25	
	18 2,2'-oxybis[1-chloropropan	45	5.698	5.698	0.000	94	1529609	10.0	7.69	
	22 3 & 4 Methylphenol	108	5.816	5.816	0.000	76	807703	10.0	8.20	
	21 4-Methylphenol	108	5.816	5.816	0.000	94	796940	10.0	8.10	
	20 N-Nitrosodi-n-propylamine	70	5.828	5.828	0.000	92	510805	10.0	7.29	
	126 N-Methylaniline	106	5.839	5.839	0.000	77	1246499	NC	NC	
	19 Acetophenone	105	5.845	5.845	0.000	96	1036569	10.0	7.71	
	24 Hexachloroethane	117	5.992	5.992	0.000	90	479398	10.0	10.0	
$	25 Nitrobenzene-d5	82	6.010	6.010	0.000	89	961383	10.0	10.6	
	27 n,n'-Dimethylaniline	120	6.028	6.028	0.000	95	1359638	10.0	8.57	
	26 Nitrobenzene	77	6.028	6.028	0.000	91	1157057	10.0	9.91	
	28 Isophorone	82	6.257	6.257	0.000	99	1179444	10.0	8.35	
	29 2-Nitrophenol	139	6.351	6.351	0.000	79	427965	10.0	10.2	
	30 2,4-Dimethylphenol	122	6.357	6.357	0.000	87	797423	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
32 Benzoic acid	122	6.410	6.410	0.000	83	267876	10.0	7.14	
31 Bis(2-chloroethoxy)methane	93	6.439	6.439	0.000	99	872270	10.0	8.98	
33 2,4-Dichlorophenol	162	6.598	6.598	0.000	95	627177	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	6.692	6.692	0.000	95	692230	10.0	10.1	
* 35 Naphthalene-d8	136	6.757	6.757	0.000	100	1777958	8.00	8.00	
36 Naphthalene	128	6.781	6.781	0.000	98	2384202	10.0	9.66	
37 4-Chloroaniline	127	6.798	6.798	0.000	93	1178085	10.0	8.93	
38 Hexachlorobutadiene	225	6.892	6.892	0.000	92	384400	10.0	10.9	
40 4-Chloro-3-methylphenol	107	7.263	7.263	0.000	98	510685	10.0	8.71	
41 2-Methylnaphthalene	142	7.475	7.475	0.000	86	1354643	10.0	8.96	
42 1-Methylnaphthalene	142	7.581	7.581	0.000	93	1238580	10.0	8.81	
45 2-tertbutyl-4-methylphenol	149	7.616	7.616	0.000	91	898055	10.0	9.24	
43 Hexachlorocyclopentadiene	237	7.639	7.639	0.000	95	370187	10.0	12.5	
44 1,2,4,5-Tetrachlorobenzene	216	7.651	7.651	0.000	95	551496	10.0	11.8	
46 2,4,6-Trichlorophenol	196	7.745	7.745	0.000	87	345656	10.0	11.7	
47 2,4,5-Trichlorophenol	196	7.792	7.792	0.000	95	348353	10.0	10.9	
$ 48 2-Fluorobiphenyl	172	7.828	7.828	0.000	97	1362706	10.0	11.7	
49 1,1'-Biphenyl	154	7.933	7.933	0.000	95	1477939	10.0	11.0	
50 2-Chloronaphthalene	162	7.975	7.975	0.000	97	1158332	10.0	11.1	
53 Phenyl ether	170	8.033	8.033	0.000	86	771208	10.0	11.5	
54 2-Nitroaniline	65	8.051	8.051	0.000	98	363630	10.0	10.4	
55 1,3-Dimethylnaphthalene	156	8.186	8.186	0.000	91	938655	10.0	11.3	
56 Dimethyl phthalate	163	8.204	8.204	0.000	99	972745	10.0	10.1	
58 2,6-Dinitrotoluene	165	8.275	8.275	0.000	78	240032	10.0	10.8	
57 Coumarin	146	8.275	8.275	0.000	66	343013	10.0	7.71	
59 Acenaphthylene	152	8.404	8.404	0.000	98	1598802	10.0	10.5	
60 3-Nitroaniline	138	8.457	8.457	0.000	97	260139	10.0	9.67	
63 3,5-di-tert-butyl-4-hydrox	205	8.498	8.498	0.000	98	962566	10.0	11.4	
* 61 Acenaphthene-d10	164	8.545	8.545	0.000	98	636301	8.00	8.00	
64 2,4-Dinitrophenol	184	8.563	8.563	0.000	93	267985	20.0	21.9	
62 Acenaphthene	154	8.580	8.580	0.000	94	1112662	10.0	11.0	
65 4-Nitrophenol	65	8.604	8.604	0.000	91	291941	20.0	15.9	
67 2,4-Dinitrotoluene	165	8.692	8.692	0.000	94	284493	10.0	10.3	
66 Dibenzofuran	168	8.751	8.751	0.000	96	1365537	10.0	10.3	
68 2,3,4,6-Tetrachlorophenol	232	8.863	8.863	0.000	91	225861	10.0	10.5	
69 Diethyl phthalate	149	8.904	8.904	0.000	94	906822	10.0	9.73	
71 4-Chlorophenyl phenyl ethe	204	9.063	9.063	0.000	85	465272	10.0	10.2	
72 4-Nitroaniline	138	9.080	9.080	0.000	90	226490	10.0	9.59	
70 Fluorene	166	9.098	9.098	0.000	96	1029968	10.0	10.1	
73 4,6-Dinitro-2-methylphenol	198	9.110	9.110	0.000	85	298622	20.0	22.2	
74 N-Nitrosodiphenylamine	169	9.175	9.175	0.000	67	727781	10.0	10.2	
75 1,2-Diphenylhydrazine	77	9.222	9.222	0.000	100	1090788	10.0	9.54	
$ 76 2,4,6-Tribromophenol	330	9.339	9.339	0.000	94	136378	10.0	11.3	
77 4-Bromophenyl phenyl ether	248	9.563	9.563	0.000	85	249618	10.0	10.1	
78 Hexachlorobenzene	284	9.675	9.675	0.000	100	251341	10.0	9.92	
82 n-Octadecane	57	9.822	9.822	0.000	95	830000	10.0	9.29	
121 Pentachlorophenol	266	9.851	9.851	0.000	92	311454	20.0	20.9	
81 Pentachloronitrobenzene	237	9.869	9.869	0.000	85	102187	10.0	11.1	
* 83 Phenanthrene-d10	188	10.051	10.051	0.000	99	808216	8.00	8.00	
84 Phenanthrene	178	10.080	10.080	0.000	98	1209120	10.0	9.76	
85 Anthracene	178	10.127	10.127	0.000	98	1223488	10.0	9.65	
86 Carbazole	167	10.269	10.269	0.000	96	1003529	10.0	9.65	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	10.545	10.545	0.000	100	1252422	10.0	10.2	
88 Fluoranthene	202	11.374	11.374	0.000	97	978018	10.0	10.9	
122 Benzidine	184	11.474	11.474	0.000	99	603247	10.0	14.9	
123 Bisphenol-A	213	11.616	11.616	0.000	0	365661	10.0	11.7	
90 Pyrene	202	11.663	11.663	0.000	96	980357	10.0	6.01	
$ 91 Terphenyl-d14	244	11.786	11.786	0.000	99	685352	10.0	6.60	
92 Butyl benzyl phthalate	149	12.392	12.392	0.000	97	494023	10.0	9.09	
93 Carbamazepine	193	12.610	12.610	0.000	92	412067	10.0	12.6	
108 2,3,7,8-TCDD	320	12.627	12.627	0.000	82	1084	0.1000	0.0838	
98 Bis(2-ethylhexyl) phthalat	149	13.221	13.221	0.000	90	705308	10.0	11.7	
94 3,3'-Dichlorobenzidine	252	13.239	13.239	0.000	99	353657	10.0	11.8	
95 Benzo[a]anthracene	228	13.327	13.327	0.000	100	839197	10.0	9.74	
* 96 Chrysene-d12	240	13.345	13.345	0.000	98	561142	8.00	8.00	
97 Chrysene	228	13.386	13.386	0.000	98	788459	10.0	9.69	
99 Di-n-octyl phthalate	149	14.262	14.262	0.000	98	1281738	10.0	10.5	
100 Benzo[b]fluoranthene	252	15.057	15.057	0.000	97	913604	10.0	10.4	
101 Benzo[k]fluoranthene	252	15.104	15.104	0.000	99	919534	10.0	9.51	
102 Benzo[a]pyrene	252	15.604	15.604	0.000	95	884585	10.0	10.2	
* 103 Perylene-d12	264	15.698	15.698	0.000	96	630306	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.768	17.768	0.000	95	1117094	10.0	10.5	
105 Dibenz(a,h)anthracene	278	17.780	17.780	0.000	94	929316	10.0	10.5	
106 Benzo[g,h,i]perylene	276	18.380	18.380	0.000	95	950368	10.0	10.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023 Amount Added: 1.00 Units: mL

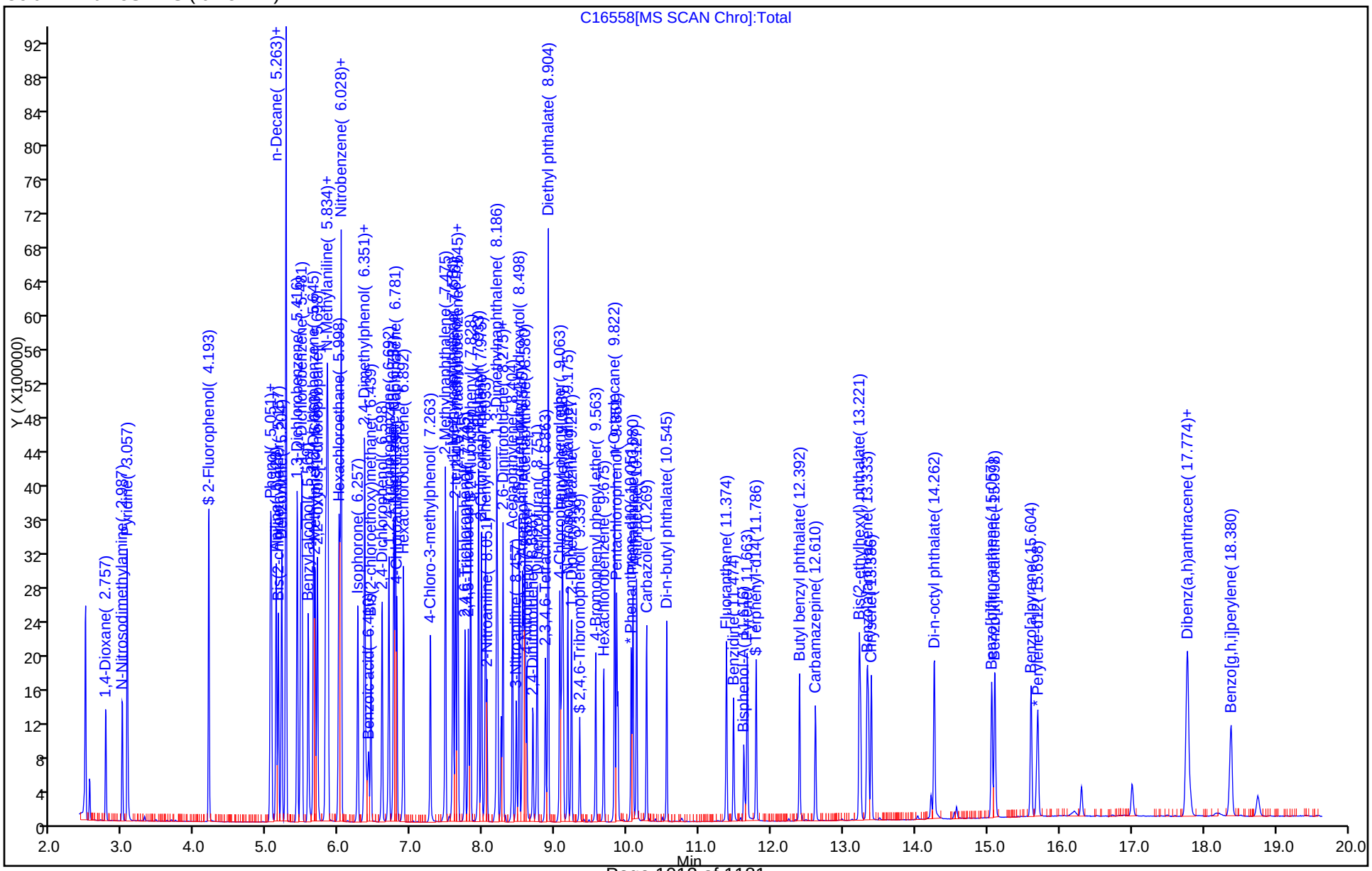
Report Date: 27-May-2015 21:16:24 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16558.D

Injection Date:	27-May-2015 18:28:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301331/2 Calibration Date: 05/28/2015 08:18

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16586.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6045	0.5144	0.0100	8510	10000	-14.9	20.0
N-Nitrosodimethylamine	Ave	0.9215	0.7567		8210	10000	-17.9	20.0
Pyridine	Ave	1.542	1.328		8610	10000	-13.9	20.0
Phenol	Ave	1.776	1.600	0.8000	9010	10000	-9.9	20.0
Aniline	Ave	2.303	2.016		8750	10000	-12.5	20.0
Bis(2-chloroethyl)ether	Ave	1.717	1.416	0.7000	8250	10000	-17.5	20.0
2-Chlorophenol	Ave	1.480	1.385	0.8000	9360	10000	-6.4	20.0
n-Decane	Ave	2.111	1.871	0.0100	8860	10000	-11.4	20.0
1,3-Dichlorobenzene	Ave	1.642	1.559		9500	10000	-5.0	20.0
1,4-Dichlorobenzene	Ave	1.660	1.580		9510	10000	-4.9	20.0
Benzyl alcohol	Ave	0.8326	0.8385	0.0100	10100	10000	0.7	20.0
1,2-Dichlorobenzene	Ave	1.537	1.481		9630	10000	-3.7	20.0
2-Methylphenol	Ave	1.322	1.217	0.7000	9210	10000	-7.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.742	2.411	0.0100	8790	10000	-12.1	20.0
3 & 4 Methylphenol	Ave	1.358	1.377		10100	10000	1.4	20.0
4-Methylphenol	Ave	1.355	1.364	0.6000	10100	10000	0.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9660	0.9034	0.5000	9350	10000	-6.5	20.0
Acetophenone	Ave	1.853	1.716	0.0100	9260	10000	-7.4	20.0
Hexachloroethane	Ave	0.6609	0.6520	0.3000	9870	10000	-1.3	20.0
n,n'-Dimethylaniline	Ave	2.186	2.124	0.0100	9710	10000	-2.9	20.0
Nitrobenzene	Ave	0.5254	0.5133	0.2000	9770	10000	-2.3	20.0
Isophorone	Ave	0.6359	0.5933	0.4000	9330	10000	-6.7	20.0
2,4-Dimethylphenol	Ave	0.3573	0.3379	0.2000	9460	10000	-5.4	20.0
2-Nitrophenol	Ave	0.1895	0.1949	0.1000	10300	10000	2.8	20.0
Benzoic acid	Ave	0.1689	0.1796		10600	10000	6.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4370	0.4113	0.3000	9410	10000	-5.9	20.0
2,4-Dichlorophenol	Ave	0.2765	0.2818	0.2000	10200	10000	1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3072	0.2964		9650	10000	-3.5	20.0
Naphthalene	Ave	1.111	1.070	0.7000	9630	10000	-3.7	20.0
4-Chloroaniline	Ave	0.5937	0.5628	0.0100	9480	10000	-5.2	20.0
Hexachlorobutadiene	Ave	0.1591	0.1640	0.0100	10300	10000	3.1	20.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2638		10000	10000	-0.0	20.0
2-Methylnaphthalene	Ave	0.6799	0.6547	0.4000	9630	10000	-3.7	20.0
1-Methylnaphthalene	Ave	0.6323	0.6083	0.0100	9620	10000	-3.8	20.0
2-tertbutyl-4-methylphenol	Ave	0.4372	0.4517	0.0100	10300	10000	3.3	20.0
Hexachlorocyclopentadiene	Ave	0.3710	0.3959	0.0500	10700	10000	6.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5885	0.6239	0.0100	10600	10000	6.0	20.0
2,4,6-Trichlorophenol	Ave	0.3728	0.4129	0.2000	11100	10000	10.8	20.0
2,4,5-Trichlorophenol	Ave	0.4032	0.4269	0.2000	10600	10000	5.9	20.0
1,1'-Biphenyl	Ave	1.683	1.775	0.0100	10500	10000	5.5	20.0
2-Chloronaphthalene	Ave	1.310	1.378	0.8000	10500	10000	5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301331/2 Calibration Date: 05/28/2015 08:18

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16586.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8467	0.9233	0.0100	10900	10000	9.0	20.0
2-Nitroaniline	Ave	0.4409	0.4733	0.0100	10700	10000	7.3	20.0
1,3-Dimethylnaphthalene	Ave	1.047	1.153	0.0100	11000	10000	10.1	20.0
Dimethyl phthalate	Ave	1.208	1.278	0.0100	10600	10000	5.8	20.0
2,6-Dinitrotoluene	Ave	0.2803	0.3159	0.2000	11300	10000	12.7	20.0
Coumarin	Ave	0.2003	0.1973	0.0100	9850	10000	-1.5	20.0
Acenaphthylene	Ave	1.915	2.003	0.9000	10500	10000	4.6	20.0
3-Nitroaniline	Ave	0.3384	0.3683	0.0100	10900	10000	8.8	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.057	1.217	0.0100	11500	10000	15.1	20.0
2,4-Dinitrophenol	Ave	0.1539	0.1963	0.0100	25500	20000	27.6*	20.0
Acenaphthene	Ave	1.274	1.441	0.9000	11300	10000	13.1	20.0
4-Nitrophenol	Ave	0.2316	0.2464	0.0100	21300	20000	6.4	20.0
2,4-Dinitrotoluene	Lin2		0.3960	0.2000	11400	10000	14.0	20.0
Dibenzofuran	Ave	1.664	1.724	0.8000	10400	10000	3.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2695	0.2972	0.0100	11000	10000	10.3	20.0
Diethyl phthalate	Ave	1.172	1.277	0.0100	10900	10000	9.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5708	0.6000	0.4000	10500	10000	5.1	20.0
4-Nitroaniline	Ave	0.2970	0.3518	0.0100	11800	10000	18.4	20.0
Fluorene	Ave	1.284	1.333	0.9000	10400	10000	3.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1332	0.1543	0.0100	23200	20000	15.9	20.0
N-Nitrosodiphenylamine	Ave	0.7053	0.6358	0.0100	9010	10000	-9.9	20.0
1,2-Diphenylhydrazine	Ave	1.132	0.9850	0.0100	8700	10000	-13.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2455	0.2306	0.1000	9390	10000	-6.1	20.0
Hexachlorobenzene	Ave	0.2507	0.2345	0.1000	9350	10000	-6.5	20.0
n-Octadecane	Ave	0.8843	0.7501	0.0100	8480	10000	-15.2	20.0
Pentachlorophenol	Ave	0.1477	0.1591	0.0500	21500	20000	7.7	20.0
Pentachloronitrobenzene	Ave	0.0912	0.0982	0.0100	10800	10000	7.6	20.0
Phenanthrene	Ave	1.226	1.176	0.7000	9590	10000	-4.1	20.0
Anthracene	Ave	1.254	1.194	0.7000	9520	10000	-4.8	20.0
Carbazole	Ave	1.029	1.072	0.0100	10400	10000	4.2	20.0
Di-n-butyl phthalate	Ave	1.214	1.333	0.0100	11000	10000	9.8	20.0
Fluoranthene	Ave	0.8842	1.053	0.6000	11900	10000	19.0	20.0
Benzidine	Ave	0.4013	0.6911		17200	10000	72.2*	20.0
Bisphenol-A	Qua	0.3261	0.5820		12900	10000	28.7*	20.0
Pyrene	Qua		1.467	0.6000	6340	10000	-36.6*	20.0
Butyl benzyl phthalate	Ave	0.7751	0.7070	0.0100	9120	10000	-8.8	20.0
Carbamazepine	Qua		0.5512	0.0100	11900	10000	19.1	20.0
2,3,7,8-TCDD	Ave	0.1844	0.1726	0.0100	93.6	100	-6.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8560	0.9531	0.0100	11100	10000	11.3	20.0
3,3'-Dichlorobenzidine	Lin2		0.4463	0.0100	10500	10000	4.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-301331/2 Calibration Date: 05/28/2015 08:18

Instrument ID: CBNAMS13 Calib Start Date: 05/07/2015 12:17

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/07/2015 15:43

Lab File ID: C16586.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[a]anthracene	Ave	1.228	1.179	0.8000	9600	10000	-4.0	20.0
Chrysene	Ave	1.160	1.104	0.7000	9520	10000	-4.8	20.0
Di-n-octyl phthalate	Ave	1.545	1.757	0.0100	11400	10000	13.7	20.0
Benzo[b]fluoranthene	Ave	1.115	1.176	0.7000	10500	10000	5.4	20.0
Benzo[k]fluoranthene	Ave	1.227	1.241	0.7000	10100	10000	1.1	20.0
Benzo[a]pyrene	Ave	1.100	1.128	0.7000	10300	10000	2.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.354	1.353	0.5000	9990	10000	-0.1	20.0
Dibenz(a,h)anthracene	Ave	1.127	1.114	0.4000	9880	10000	-1.2	20.0
Benzo[g,h,i]perylene	Ave	1.169	1.173	0.5000	10000	10000	0.4	20.0
2-Fluorophenol (Surr)	Ave	1.388	1.351	0.0100	9730	10000	-2.7	20.0
Phenol-d5 (Surr)	Ave	1.648	1.617	0.0100	9810	10000	-1.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4086	0.4240	0.0100	10400	10000	3.8	20.0
2-Fluorobiphenyl	Ave	1.459	1.616	0.0100	11100	10000	10.8	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1516	0.1876	0.0100	12400	10000	23.7*	20.0
Terphenyl-d14 (Surr)	QuaF		1.026	0.0100	6980	10000	-30.2*	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16586.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 28-May-2015 08:18:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027900-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS13
Sublist: chrom-8270LVI_R13*sub15

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 11:53:52 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: szczecha Date: 28-May-2015 11:53:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.640	2.640	0.000	97	296135	10.0	8.51	
2 N-Nitrosodimethylamine	74	2.893	2.893	0.000	80	435604	10.0	8.21	
3 Pyridine	79	2.963	2.963	0.000	83	764563	10.0	8.61	
$ 4 2-Fluorophenol	112	4.163	4.163	0.000	95	777653	10.0	9.73	
$ 6 Phenol-d5	99	5.034	5.034	0.000	94	930714	10.0	9.81	
7 Phenol	94	5.045	5.045	0.000	99	920957	10.0	9.01	
8 Aniline	93	5.110	5.110	0.000	99	1160663	10.0	8.75	
9 Bis(2-chloroethyl)ether	93	5.140	5.140	0.000	95	815278	10.0	8.25	
125 Benzonitrile	103	5.187	5.187	0.000	98	1472877	NC	NC	
10 2-Chlorophenol	128	5.245	5.245	0.000	95	797252	10.0	9.36	
11 n-Decane	43	5.251	5.251	0.000	94	1076910	10.0	8.86	
12 1,3-Dichlorobenzene	146	5.404	5.404	0.000	96	897682	10.0	9.50	
* 13 1,4-Dichlorobenzene-d4	152	5.451	5.451	0.000	97	460543	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.469	5.469	0.000	95	909456	10.0	9.51	
15 Benzyl alcohol	108	5.557	5.557	0.000	93	482716	10.0	10.1	
16 1,2-Dichlorobenzene	146	5.634	5.634	0.000	96	852511	10.0	9.63	
17 2-Methylphenol	108	5.651	5.651	0.000	90	700719	10.0	9.21	
18 2,2'-oxybis[1-chloropropan	45	5.687	5.687	0.000	94	1387694	10.0	8.79	
22 3 & 4 Methylphenol	108	5.798	5.798	0.000	71	792795	10.0	10.1	
21 4-Methylphenol	108	5.798	5.798	0.000	93	785230	10.0	10.1	
20 N-Nitrosodi-n-propylamine	70	5.810	5.810	0.000	92	520068	10.0	9.35	
126 N-Methylaniline	106	5.822	5.822	0.000	78	1163361	NC	NC	
19 Acetophenone	105	5.834	5.834	0.000	97	987979	10.0	9.26	
24 Hexachloroethane	117	5.981	5.981	0.000	92	375341	10.0	9.87	
$ 25 Nitrobenzene-d5	82	5.992	5.992	0.000	90	894251	10.0	10.4	
27 n,n'-Dimethylaniline	120	6.010	6.010	0.000	93	1222614	10.0	9.71	
26 Nitrobenzene	77	6.016	6.016	0.000	91	1082431	10.0	9.77	
28 Isophorone	82	6.245	6.245	0.000	99	1251159	10.0	9.33	
29 2-Nitrophenol	139	6.339	6.339	0.000	78	410990	10.0	10.3	
30 2,4-Dimethylphenol	122	6.339	6.339	0.000	86	712678	10.0	9.46	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
32 Benzoic acid	122	6.398	6.398	0.000	87	378842	10.0	10.6	
31 Bis(2-chloroethoxy)methane	93	6.428	6.428	0.000	99	867376	10.0	9.41	
33 2,4-Dichlorophenol	162	6.581	6.581	0.000	95	594269	10.0	10.2	
34 1,2,4-Trichlorobenzene	180	6.675	6.675	0.000	95	625163	10.0	9.65	
* 35 Naphthalene-d8	136	6.739	6.739	0.000	100	1687116	8.00	8.00	
36 Naphthalene	128	6.763	6.763	0.000	99	2255963	10.0	9.63	
37 4-Chloroaniline	127	6.786	6.786	0.000	96	1186882	10.0	9.48	
38 Hexachlorobutadiene	225	6.875	6.875	0.000	93	345772	10.0	10.3	
40 4-Chloro-3-methylphenol	107	7.245	7.245	0.000	97	556408	10.0	10.0	
41 2-Methylnaphthalene	142	7.457	7.457	0.000	85	1380585	10.0	9.63	
42 1-Methylnaphthalene	142	7.563	7.563	0.000	93	1282847	10.0	9.62	
45 2-tertbutyl-4-methylphenol	149	7.598	7.598	0.000	91	952663	10.0	10.3	
43 Hexachlorocyclopentadiene	237	7.622	7.622	0.000	95	347418	10.0	10.7	
44 1,2,4,5-Tetrachlorobenzene	216	7.633	7.633	0.000	95	547518	10.0	10.6	
46 2,4,6-Trichlorophenol	196	7.728	7.728	0.000	87	362358	10.0	11.1	
47 2,4,5-Trichlorophenol	196	7.775	7.775	0.000	94	374657	10.0	10.6	
$ 48 2-Fluorobiphenyl	172	7.810	7.810	0.000	98	1418584	10.0	11.1	
49 1,1'-Biphenyl	154	7.916	7.916	0.000	95	1557668	10.0	10.5	
50 2-Chloronaphthalene	162	7.957	7.957	0.000	97	1209004	10.0	10.5	
53 Phenyl ether	170	8.016	8.016	0.000	86	810304	10.0	10.9	
54 2-Nitroaniline	65	8.033	8.033	0.000	98	415393	10.0	10.7	
55 1,3-Dimethylnaphthalene	156	8.169	8.169	0.000	91	1012308	10.0	11.0	
56 Dimethyl phthalate	163	8.186	8.186	0.000	99	1121792	10.0	10.6	
58 2,6-Dinitrotoluene	165	8.257	8.257	0.000	77	277190	10.0	11.3	
57 Coumarin	146	8.257	8.257	0.000	66	416105	10.0	9.85	
59 Acenaphthylene	152	8.386	8.386	0.000	98	1757590	10.0	10.5	
60 3-Nitroaniline	138	8.439	8.439	0.000	96	323190	10.0	10.9	
63 3,5-di-tert-butyl-4-hydrox	205	8.481	8.481	0.000	98	1068225	10.0	11.5	
* 61 Acenaphthene-d10	164	8.528	8.528	0.000	96	702089	8.00	8.00	
64 2,4-Dinitrophenol	184	8.545	8.545	0.000	95	344570	20.0	25.5	
62 Acenaphthene	154	8.563	8.563	0.000	94	1264805	10.0	11.3	
65 4-Nitrophenol	65	8.586	8.586	0.000	93	432502	20.0	21.3	
67 2,4-Dinitrotoluene	165	8.675	8.675	0.000	96	347519	10.0	11.4	
66 Dibenzofuran	168	8.733	8.733	0.000	95	1513011	10.0	10.4	
68 2,3,4,6-Tetrachlorophenol	232	8.845	8.845	0.000	89	260851	10.0	11.0	
69 Diethyl phthalate	149	8.886	8.886	0.000	97	1121115	10.0	10.9	
71 4-Chlorophenyl phenyl ethe	204	9.045	9.045	0.000	85	526567	10.0	10.5	
72 4-Nitroaniline	138	9.063	9.063	0.000	89	308741	10.0	11.8	
70 Fluorene	166	9.080	9.080	0.000	96	1170190	10.0	10.4	
73 4,6-Dinitro-2-methylphenol	198	9.092	9.092	0.000	82	398659	20.0	23.2	
74 N-Nitrosodiphenylamine	169	9.157	9.157	0.000	68	821125	10.0	9.01	
75 1,2-Diphenylhydrazine	77	9.204	9.204	0.000	98	1272079	10.0	8.70	
$ 76 2,4,6-Tribromophenol	330	9.322	9.322	0.000	93	164653	10.0	12.4	
77 4-Bromophenyl phenyl ether	248	9.545	9.545	0.000	87	297787	10.0	9.39	
78 Hexachlorobenzene	284	9.657	9.657	0.000	99	302867	10.0	9.35	
82 n-Octadecane	57	9.804	9.804	0.000	95	968785	10.0	8.48	
121 Pentachlorophenol	266	9.833	9.833	0.000	92	410989	20.0	21.5	
81 Pentachloronitrobenzene	237	9.851	9.851	0.000	85	126828	10.0	10.8	
* 83 Phenanthrene-d10	188	10.033	10.033	0.000	99	1033173	8.00	8.00	
84 Phenanthrene	178	10.057	10.057	0.000	98	1518452	10.0	9.59	
85 Anthracene	178	10.110	10.110	0.000	98	1541723	10.0	9.52	
86 Carbazole	167	10.251	10.251	0.000	96	1384506	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Di-n-butyl phthalate	149	10.527	10.527	0.000	100	1721310	10.0	11.0	
88 Fluoranthene	202	11.351	11.351	0.000	97	1359349	10.0	11.9	
122 Benzidine	184	11.451	11.451	0.000	99	892472	10.0	17.2	
123 Bisphenol-A	213	11.592	11.592	0.000	0	553118	10.0	12.9	
90 Pyrene	202	11.639	11.639	0.000	96	1394347	10.0	6.34	
$ 91 Terphenyl-d14	244	11.763	11.763	0.000	99	975051	10.0	6.98	
92 Butyl benzyl phthalate	149	12.363	12.363	0.000	98	671888	10.0	9.12	
93 Carbamazepine	193	12.586	12.586	0.000	92	523835	10.0	11.9	
108 2,3,7,8-TCDD	320	12.604	12.604	0.000	90	1640	0.1000	0.0936	
98 Bis(2-ethylhexyl) phthalat	149	13.192	13.192	0.000	90	905831	10.0	11.1	
94 3,3'-Dichlorobenzidine	252	13.210	13.210	0.000	99	424117	10.0	10.5	
95 Benzo[a]anthracene	228	13.298	13.298	0.000	100	1120906	10.0	9.60	
* 96 Chrysene-d12	240	13.315	13.315	0.000	99	760325	8.00	8.00	
97 Chrysene	228	13.357	13.357	0.000	98	1049466	10.0	9.52	
99 Di-n-octyl phthalate	149	14.233	14.233	0.000	98	1498082	10.0	11.4	
100 Benzo[b]fluoranthene	252	15.027	15.027	0.000	97	1002143	10.0	10.5	
101 Benzo[k]fluoranthene	252	15.068	15.068	0.000	99	1057644	10.0	10.1	
102 Benzo[a]pyrene	252	15.568	15.568	0.000	95	961473	10.0	10.3	
* 103 Perylene-d12	264	15.662	15.662	0.000	96	681990	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.715	17.715	0.000	95	1153284	10.0	9.99	
105 Dibenz(a,h)anthracene	278	17.727	17.727	0.000	94	949346	10.0	9.88	
106 Benzo[g,h,i]perylene	276	18.321	18.321	0.000	95	999892	10.0	10.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00023 Amount Added: 1.00 Units: mL

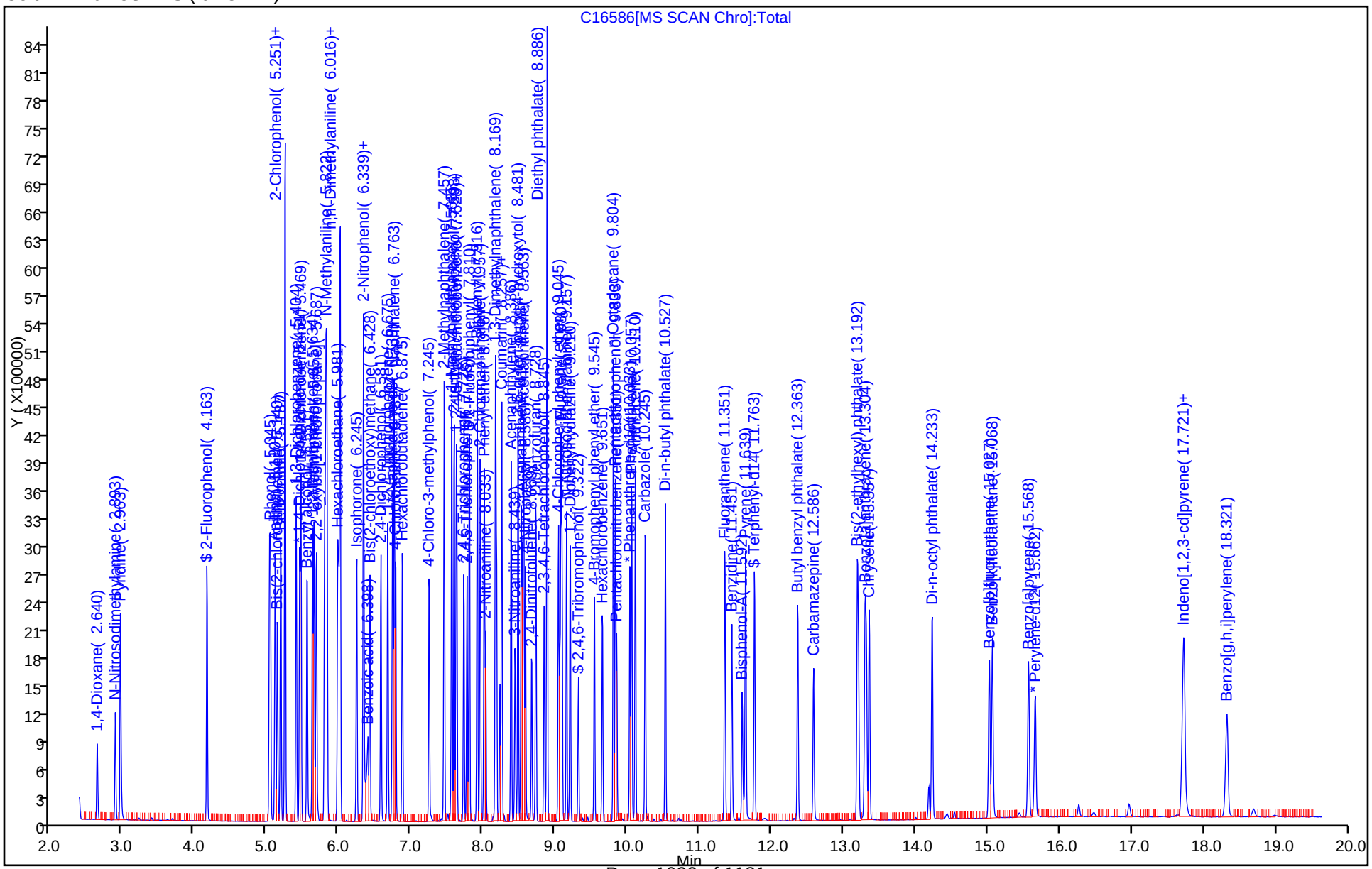
Report Date: 28-May-2015 11:53:54 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16586.D

Injection Date:	28-May-2015 08:18:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300959/2 Calibration Date: 05/27/2015 02:14

Instrument ID: CBNAMS5 Calib Start Date: 05/10/2015 03:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/10/2015 06:57

Lab File ID: x2606.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6716	0.6087	0.0100	45300	50000	-9.4	20.0
N-Nitrosodimethylamine	Ave	0.9650	0.8763		45400	50000	-9.2	20.0
Pyridine	Ave	1.602	1.540		48100	50000	-3.9	20.0
Aniline	Ave	2.316	2.235		48300	50000	-3.5	20.0
Phenol	Ave	1.927	1.965	0.8000	51000	50000	1.9	20.0
Bis(2-chloroethyl)ether	Ave	1.429	1.398	0.7000	48900	50000	-2.2	20.0
2-Chlorophenol	Ave	1.445	1.424	0.8000	49300	50000	-1.4	20.0
n-Decane	Ave	1.756	1.534	0.0100	43700	50000	-12.7	20.0
1,3-Dichlorobenzene	Ave	1.637	1.533		46800	50000	-6.3	20.0
1,4-Dichlorobenzene	Ave	1.660	1.566		47200	50000	-5.6	20.0
Benzyl alcohol	Ave	0.8346	0.8149	0.0100	48800	50000	-2.4	20.0
1,2-Dichlorobenzene	Ave	1.518	1.439		47400	50000	-5.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.022	1.696	0.0100	41900	50000	-16.1	20.0
2-Methylphenol	Ave	1.266	1.244	0.7000	49100	50000	-1.8	20.0
Acetophenone	Ave	1.868	1.777	0.0100	47500	50000	-4.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9741	0.9436	0.5000	48400	50000	-3.1	20.0
3 & 4 Methylphenol	Ave	1.405	1.263		45000	50000	-10.1	20.0
4-Methylphenol	Ave	1.405	1.263	0.6000	45000	50000	-10.1	20.0
Hexachloroethane	Ave	0.6001	0.5968	0.3000	49700	50000	-0.5	20.0
n,n'-Dimethylaniline	Ave	2.110	2.149	0.0100	50900	50000	1.9	20.0
Nitrobenzene	Ave	0.5981	0.5770	0.2000	48200	50000	-3.5	20.0
Isophorone	Ave	0.6686	0.6297	0.4000	47100	50000	-5.8	20.0
2-Nitrophenol	Ave	0.2015	0.1961	0.1000	48700	50000	-2.7	20.0
2,4-Dimethylphenol	Ave	0.3167	0.3047	0.2000	48100	50000	-3.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4274	0.4040	0.3000	47300	50000	-5.5	20.0
Benzoic acid	Ave	0.1820	0.1417		38900	50000	-22.2*	20.0
2,4-Dichlorophenol	Ave	0.2791	0.2814	0.2000	50400	50000	0.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3153	0.3120		49500	50000	-1.1	20.0
Naphthalene	Ave	1.114	1.035	0.7000	46500	50000	-7.1	20.0
4-Chloroaniline	Ave	0.4228	0.4072	0.0100	48100	50000	-3.7	20.0
Hexachlorobutadiene	Ave	0.1797	0.1842	0.0100	51300	50000	2.5	20.0
4-Chloro-3-methylphenol	Ave	0.2736	0.2773		50700	50000	1.4	20.0
2-Methylnaphthalene	Ave	0.6780	0.6553	0.4000	48300	50000	-3.3	20.0
1-Methylnaphthalene	Ave	0.6242	0.5944	0.0100	47600	50000	-4.8	20.0
Hexachlorocyclopentadiene	Ave	0.3676	0.4175	0.0500	56800	50000	13.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6075	0.6655	0.0100	54800	50000	9.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4245	0.4508	0.0100	53100	50000	6.2	20.0
2,4,6-Trichlorophenol	Ave	0.3909	0.4149	0.2000	53100	50000	6.1	20.0
2,4,5-Trichlorophenol	Ave	0.4016	0.4458	0.2000	55500	50000	11.0	20.0
1,1'-Biphenyl	Ave	1.684	1.753	0.0100	52000	50000	4.1	20.0
2-Chloronaphthalene	Ave	1.303	1.375	0.8000	52800	50000	5.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300959/2 Calibration Date: 05/27/2015 02:14

Instrument ID: CBNAMS5 Calib Start Date: 05/10/2015 03:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/10/2015 06:57

Lab File ID: x2606.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8714	0.9354	0.0100	53700	50000	7.3	20.0
2-Nitroaniline	Ave	0.4970	0.4106	0.0100	41300	50000	-17.4	20.0
1,3-Dimethylnaphthalene	Ave	1.015	1.064	0.0100	52400	50000	4.9	20.0
Dimethyl phthalate	Ave	1.214	1.274	0.0100	52500	50000	4.9	20.0
Coumarin	Ave	0.1702	0.1718	0.0100	50500	50000	0.9	20.0
2,6-Dinitrotoluene	Ave	0.2777	0.3067	0.2000	55200	50000	10.4	20.0
Acenaphthylene	Ave	1.847	1.901	0.9000	51500	50000	3.0	20.0
3-Nitroaniline	Ave	0.3124	0.3170	0.0100	50700	50000	1.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.110	1.341	0.0100	60400	50000	20.8*	20.0
Acenaphthene	Ave	1.248	1.216	0.9000	48700	50000	-2.6	20.0
2,4-Dinitrophenol	Lin2		0.1454	0.0100	88300	100000	-11.7	20.0
4-Nitrophenol	Ave	0.2274	0.2232	0.0100	98100	100000	-1.9	20.0
2,4-Dinitrotoluene	Ave	0.3262	0.3684	0.2000	56500	50000	12.9	20.0
Dibenzofuran	Ave	1.659	1.747	0.8000	52700	50000	5.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2703	0.3008	0.0100	55600	50000	11.3	20.0
Diethyl phthalate	Ave	1.102	1.187	0.0100	53800	50000	7.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5885	0.6573	0.4000	55800	50000	11.7	20.0
Fluorene	Ave	1.248	1.339	0.9000	53600	50000	7.3	20.0
4-Nitroaniline	Ave	0.2626	0.2490	0.0100	47400	50000	-5.2	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1355	0.0100	86500	100000	-13.5	20.0
N-Nitrosodiphenylamine	Ave	0.6830	0.7690	0.0100	56300	50000	12.6	20.0
1,2-Diphenylhydrazine	Ave	1.128	1.054	0.0100	46700	50000	-6.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2343	0.2549	0.1000	54400	50000	8.8	20.0
Hexachlorobenzene	Ave	0.2340	0.2647	0.1000	56600	50000	13.1	20.0
Pentachlorophenol	Lin2		0.1303	0.0500	83700	100000	-16.3	20.0
Pentachloronitrobenzene	Ave	0.0959	0.0926	0.0100	48300	50000	-3.5	20.0
n-Octadecane	Ave	0.7924	0.7500	0.0100	47300	50000	-5.4	20.0
Phenanthrene	Ave	1.181	1.139	0.7000	48200	50000	-3.6	20.0
Anthracene	Ave	1.198	1.152	0.7000	48100	50000	-3.9	20.0
Carbazole	Ave	1.004	0.9253	0.0100	46100	50000	-7.9	20.0
Di-n-butyl phthalate	Ave	1.189	1.162	0.0100	48800	50000	-2.3	20.0
Fluoranthene	Ave	0.9894	0.9385	0.6000	47400	50000	-5.1	20.0
Benzidine	Ave	0.4192	0.3975		47400	50000	-5.2	20.0
Pyrene	Ave	1.866	1.782	0.6000	47800	50000	-4.5	20.0
Butyl benzyl phthalate	Ave	0.7080	0.6798	0.0100	48000	50000	-4.0	20.0
2,3,7,8-TCDD	Ave	0.1520	0.1833	0.0100	603	500	20.5*	20.0
Carbamazepine	Ave	0.4341	0.4239	0.0100	48800	50000	-2.4	20.0
3,3'-Dichlorobenzidine	Ave	0.3850	0.4181	0.0100	54300	50000	8.6	20.0
Benzo[a]anthracene	Ave	1.272	1.226	0.8000	48200	50000	-3.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9528	0.9548	0.0100	50100	50000	0.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Lab Sample ID: CCVIS 460-300959/2 Calibration Date: 05/27/2015 02:14

Instrument ID: CBNAMS5 Calib Start Date: 05/10/2015 03:57

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/10/2015 06:57

Lab File ID: x2606.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.174	1.103	0.7000	47000	50000	-6.0	20.0
Di-n-octyl phthalate	Ave	2.036	2.132	0.0100	52300	50000	4.7	20.0
Benzo[b]fluoranthene	Ave	1.258	1.287	0.7000	51100	50000	2.3	20.0
Benzo[k]fluoranthene	Ave	1.410	1.371	0.7000	48600	50000	-2.7	20.0
Benzo[a]pyrene	Ave	1.160	1.163	0.7000	50200	50000	0.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8043	0.9191	0.5000	56900	50000	14.3	20.0
Dibenz(a,h)anthracene	Ave	0.8493	0.8910	0.4000	52500	50000	4.9	20.0
Benzo[g,h,i]perylene	Ave	0.9197	0.8861	0.5000	48200	50000	-3.7	20.0
2-Fluorophenol (Surr)	Ave	1.481	1.552	0.0100	52400	50000	4.8	20.0
Phenol-d5 (Surr)	Ave	1.780	1.866	0.0100	52400	50000	4.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4431	0.4479	0.0100	50500	50000	1.1	20.0
2-Fluorobiphenyl	Ave	1.520	1.739	0.0100	57200	50000	14.4	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1356	0.1910	0.0100	70400	50000	40.8*	20.0
Terphenyl-d14 (Surr)	Ave	1.211	1.411	0.0100	58200	50000	16.5	20.0

Report Date: 27-May-2015 13:45:43 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2606.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 27-May-2015 02:14:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub30

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:45:41 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:45:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.619	1.619	0.000	96	481311	50.0	45.3	
2 N-Nitrosodimethylamine	74	1.849	1.849	0.000	88	692891	50.0	45.4	
3 Pyridine	79	1.878	1.878	0.000	92	1217424	50.0	48.1	
$ 4 2-Fluorophenol	112	3.002	3.002	0.000	94	1227288	50.0	52.4	
$ 6 Phenol-d5	99	3.937	3.937	0.000	89	1475742	50.0	52.4	
8 Aniline	93	3.943	3.943	0.000	95	1767581	50.0	48.3	
7 Phenol	94	3.949	3.949	0.000	98	1553605	50.0	51.0	
9 Bis(2-chloroethyl)ether	93	4.007	4.007	0.000	98	1105127	50.0	48.9	
10 Benzonitrile	103	4.031	4.031	0.000	68	2087077	NC	NC	
11 2-Chlorophenol	128	4.072	4.072	0.000	94	1125831	50.0	49.3	
12 n-Decane	43	4.113	4.113	0.000	88	1212648	50.0	43.7	
13 1,3-Dichlorobenzene	146	4.213	4.213	0.000	93	1212308	50.0	46.8	
* 14 1,4-Dichlorobenzene-d4	152	4.266	4.266	0.000	98	632559	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.284	4.284	0.000	93	1238254	50.0	47.2	
16 Benzyl alcohol	108	4.419	4.419	0.000	92	644372	50.0	48.8	
17 1,2-Dichlorobenzene	146	4.437	4.437	0.000	94	1137989	50.0	47.4	
18 2-Methylphenol	108	4.548	4.548	0.000	82	983413	50.0	49.1	
19 2,2'-oxybis[1-chloropropan	45	4.548	4.548	0.000	84	1340874	50.0	41.9	
20 N-Methylaniline	106	4.672	4.672	0.000	90	1625426	NC	NC	
21 Acetophenone	105	4.684	4.684	0.000	95	1404698	50.0	47.5	
22 N-Nitrosodi-n-propylamine	70	4.690	4.690	0.000	88	746112	50.0	48.4	
24 4-Methylphenol	108	4.707	4.707	0.000	96	998745	50.0	45.0	
23 3 & 4 Methylphenol	108	4.707	4.707	0.000	97	998745	50.0	45.0	
25 Hexachloroethane	117	4.778	4.778	0.000	96	471911	50.0	49.7	
$ 26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	1241322	50.0	50.5	
28 Nitrobenzene	77	4.854	4.854	0.000	93	1599070	50.0	48.2	
27 n,n'-Dimethylaniline	120	4.854	4.854	0.000	88	1699190	50.0	50.9	
31 Isophorone	82	5.096	5.096	0.000	99	1745136	50.0	47.1	
32 2-Nitrophenol	139	5.172	5.172	0.000	92	543475	50.0	48.7	
33 2,4-Dimethylphenol	122	5.231	5.231	0.000	90	844408	50.0	48.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	99	1119586	50.0	47.3	
35 Benzoic acid	122	5.390	5.390	0.000	88	392789	50.0	38.9	
36 2,4-Dichlorophenol	162	5.425	5.425	0.000	95	779857	50.0	50.4	
37 1,2,4-Trichlorobenzene	180	5.495	5.495	0.000	94	864747	50.0	49.5	
* 38 Naphthalene-d8	136	5.548	5.548	0.000	100	2217276	40.0	40.0	
39 Naphthalene	128	5.572	5.572	0.000	99	2868725	50.0	46.5	
40 4-Chloroaniline	127	5.631	5.631	0.000	95	1128481	50.0	48.1	
41 Hexachlorobutadiene	225	5.701	5.701	0.000	95	510454	50.0	51.3	
43 4-Chloro-3-methylphenol	107	6.137	6.137	0.000	97	768620	50.0	50.7	
44 2-Methylnaphthalene	142	6.266	6.266	0.000	86	1816174	50.0	48.3	
45 1-Methylnaphthalene	142	6.366	6.366	0.000	94	1647371	50.0	47.6	
46 Hexachlorocyclopentadiene	237	6.431	6.431	0.000	96	482243	50.0	56.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.442	6.442	0.000	98	768676	50.0	54.8	
48 2-tertbutyl-4-methylphenol	149	6.484	6.484	0.000	92	1249437	50.0	53.1	
49 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	89	479212	50.0	53.1	
50 2,4,5-Trichlorophenol	196	6.601	6.601	0.000	96	514926	50.0	55.5	
$ 51 2-Fluorobiphenyl	172	6.637	6.637	0.000	98	2008861	50.0	57.2	
52 1,1'-Biphenyl	154	6.731	6.731	0.000	96	2024620	50.0	52.0	
53 2-Chloronaphthalene	162	6.754	6.754	0.000	97	1588564	50.0	52.8	
54 Phenyl ether	170	6.837	6.837	0.000	86	1080438	50.0	53.7	
56 2-Nitroaniline	65	6.860	6.860	0.000	96	474303	50.0	41.3	
57 1,3-Dimethylnaphthalene	156	6.972	6.972	0.000	92	1229465	50.0	52.4	
58 Dimethyl phthalate	163	7.048	7.048	0.000	99	1471657	50.0	52.5	
59 Coumarin	146	7.066	7.066	0.000	77	476014	50.0	50.5	
60 2,6-Dinitrotoluene	165	7.101	7.101	0.000	94	354247	50.0	55.2	
61 Acenaphthylene	152	7.160	7.160	0.000	98	2195987	50.0	51.5	
64 3-Nitroaniline	138	7.272	7.272	0.000	93	366100	50.0	50.7	
* 65 Acenaphthene-d10	164	7.301	7.301	0.000	97	924047	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.325	7.325	0.000	97	1549011	50.0	60.4	
67 Acenaphthene	154	7.337	7.337	0.000	94	1404464	50.0	48.7	
68 2,4-Dinitrophenol	184	7.378	7.378	0.000	96	335769	100.0	88.3	
69 4-Nitrophenol	65	7.472	7.472	0.000	94	515599	100.0	98.1	
70 2,4-Dinitrotoluene	165	7.495	7.495	0.000	93	425530	50.0	56.5	
71 Dibenzofuran	168	7.507	7.507	0.000	96	2018440	50.0	52.7	
72 2,3,4,6-Tetrachlorophenol	232	7.637	7.637	0.000	93	347482	50.0	55.6	
73 Diethyl phthalate	149	7.737	7.737	0.000	98	1370897	50.0	53.8	
74 4-Chlorophenyl phenyl ethe	204	7.837	7.837	0.000	87	759251	50.0	55.8	
75 Fluorene	166	7.842	7.842	0.000	97	1546243	50.0	53.6	
76 4-Nitroaniline	138	7.878	7.878	0.000	89	287570	50.0	47.4	
77 4,6-Dinitro-2-methylphenol	198	7.907	7.907	0.000	85	422984	100.0	86.5	
78 N-Nitrosodiphenylamine	169	7.960	7.960	0.000	66	1200552	50.0	56.3	
79 1,2-Diphenylhydrazine	77	7.995	7.995	0.000	97	1645336	50.0	46.7	
$ 80 2,4,6-Tribromophenol	330	8.084	8.084	0.000	95	220564	50.0	70.4	
81 4-Bromophenyl phenyl ether	248	8.319	8.319	0.000	89	398003	50.0	54.4	
83 Hexachlorobenzene	284	8.389	8.389	0.000	98	413252	50.0	56.6	
85 Pentachlorophenol	266	8.589	8.589	0.000	93	406751	100.0	83.7	
86 Pentachloronitrobenzene	237	8.601	8.601	0.000	88	144520	50.0	48.3	
87 n-Octadecane	57	8.660	8.660	0.000	91	1170808	50.0	47.3	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1248950	40.0	40.0	
89 Phenanthrene	178	8.789	8.789	0.000	98	1777702	50.0	48.2	
90 Anthracene	178	8.836	8.836	0.000	98	1798602	50.0	48.1	
91 Carbazole	167	8.995	8.995	0.000	96	1444529	50.0	46.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Di-n-butyl phthalate	149	9.336	9.336	0.000	100	1814044	50.0	48.8	
93 Fluoranthene	202	9.954	9.954	0.000	98	1465151	50.0	47.4	
94 Benzidine	184	10.083	10.083	0.000	99	620630	50.0	47.4	
95 Pyrene	202	10.178	10.178	0.000	97	1411133	50.0	47.8	
82 Bisphenol-A	213	10.236	10.236	0.000	99	474430	50.0	67.3	
$ 96 Terphenyl-d14	244	10.330	10.330	0.000	99	1116745	50.0	58.2	
97 Butyl benzyl phthalate	149	10.854	10.854	0.000	98	538197	50.0	48.0	
98 2,3,7,8-TCDD	320	10.966	10.966	0.000	90	1451	0.5000	0.6027	
99 Carbamazepine	193	10.977	10.977	0.000	92	335581	50.0	48.8	
100 3,3'-Dichlorobenzidine	252	11.472	11.472	0.000	100	331047	50.0	54.3	
101 Benzo[a]anthracene	228	11.501	11.501	0.000	99	970335	50.0	48.2	
* 102 Chrysene-d12	240	11.513	11.513	0.000	99	633375	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.542	11.542	0.000	90	755958	50.0	50.1	
103 Chrysene	228	11.548	11.548	0.000	99	873332	50.0	47.0	
105 Di-n-octyl phthalate	149	12.383	12.383	0.000	98	1070466	50.0	52.3	
106 Benzo[b]fluoranthene	252	12.895	12.895	0.000	99	646000	50.0	51.1	
107 Benzo[k]fluoranthene	252	12.930	12.930	0.000	99	688567	50.0	48.6	
108 Benzo[a]pyrene	252	13.336	13.336	0.000	97	584142	50.0	50.2	
* 109 Perylene-d12	264	13.413	13.413	0.000	98	401697	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.918	14.918	0.000	99	461513	50.0	56.9	M
111 Dibenz(a,h)anthracene	278	14.948	14.948	0.000	95	447407	50.0	52.5	
112 Benzo[g,h,i]perylene	276	15.330	15.330	0.000	97	444918	50.0	48.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

Report Date: 27-May-2015 13:45:43 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2606.D

Injection Date: 27-May-2015 02:14:30 Instrument ID: CBNAMS5 Operator ID:

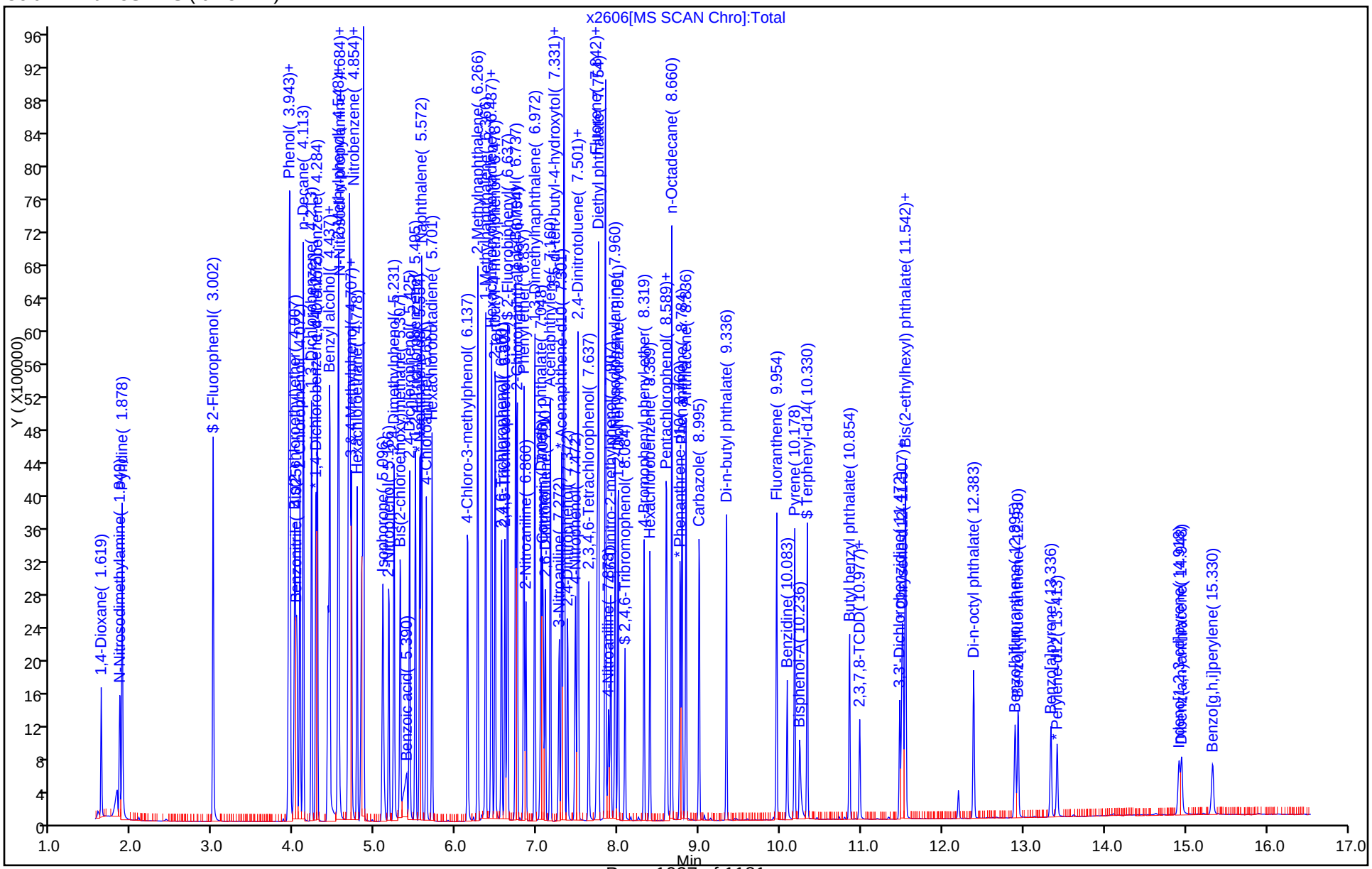
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_5R Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

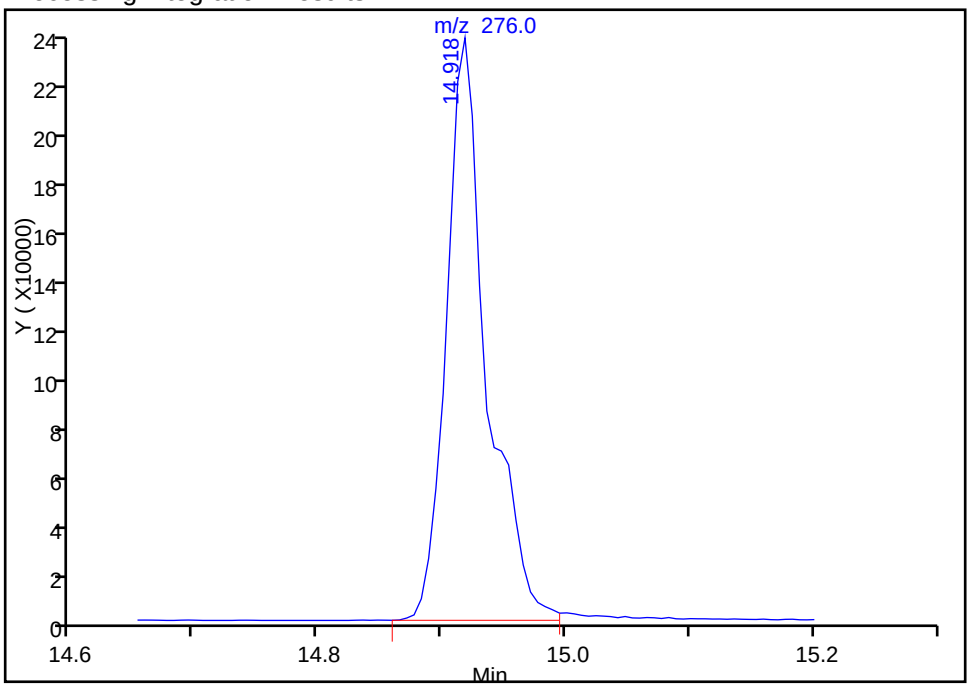
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2606.D				
Injection Date:	27-May-2015 02:14:30	Instrument ID:	CBNAMS5		
Lims ID:	ccvis				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

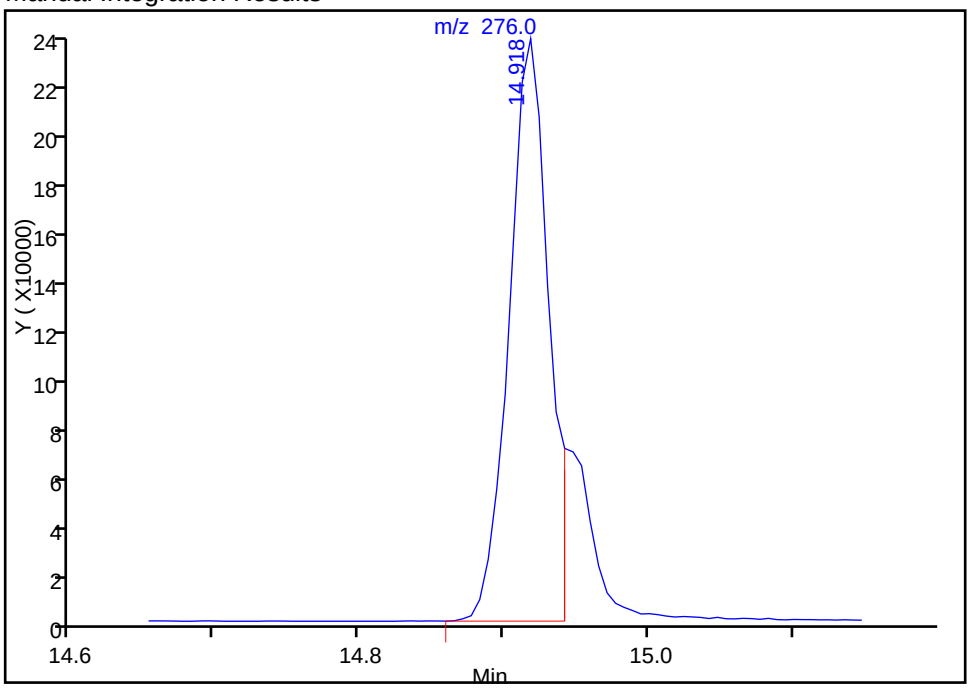
Processing Integration Results

RT: 14.92
Area: 542525
Amount: 57.432240
Amount Units: ug/ml



Manual Integration Results

RT: 14.92
Area: 461513
Amount: 56.909473
Amount Units: ug/ml



Reviewer: asfawa, 27-May-2015 02:42:59
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-May-2015 12:29:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027782-001
Misc. Info.: 25 PPM BNA 5100
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:39 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.069	5.069	0.000	91	18007	NR	NR	7
56 Benzidine_T	184	6.904	6.904	0.000	100	158643	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	7.581	7.581	0.000	90	1386		NR	7
127 4,4'-DDT	235	7.904	7.904	0.000	98	64698	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

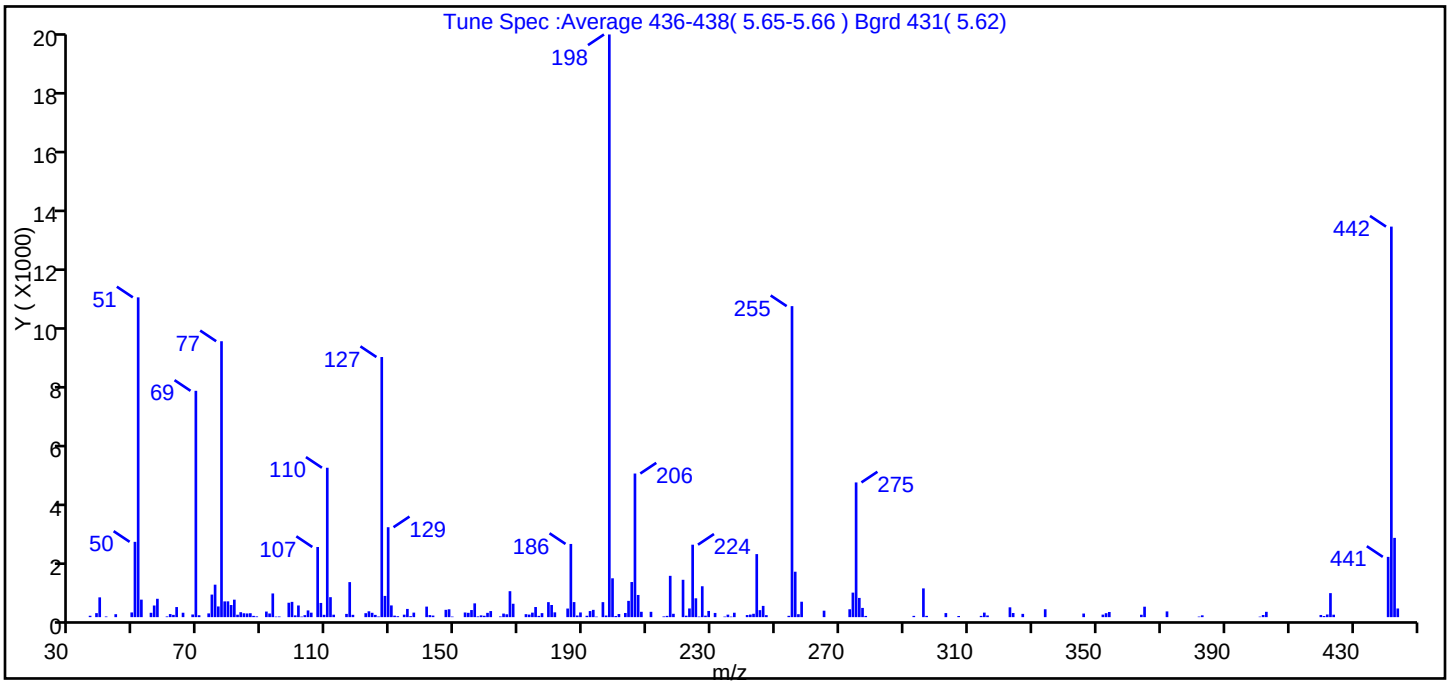
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	54.9
68	<2% of mass 69	0.5 (1.2)
69	Present	38.8
70	<2% of mass 69	0.3 (0.8)
127	40-60% of mass 198	44.6
197	<1% of mass 198	0.3
199	5-9% of mass 198	6.7
275	10-30% of mass 198	23.1
365	>1% of mass 198	1.8
441	Present but less than mass 443	10.3 (76.0)
442	>40% of mass 198	67.0
443	17-23% of mass 442	13.6 (20.3)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D\8270_11R_9.rslt\spectra.d
Injection Date: 26-May-2015 12:29:30
Spectrum: Tune Spec :Average 436-438(5.65-5.66) Bgrd 431(5.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	47	107.00	2357	177.00	135	246.00	378
38.00	135	108.00	477	179.00	504	247.00	67
39.00	665	109.00	78	180.00	408	254.00	44
41.00	23	110.00	5019	181.00	161	255.00	10449
44.00	99	111.00	671	185.00	289	256.00	1526
49.00	158	112.00	82	186.00	2459	257.00	99
50.00	2530	116.00	109	187.00	506	258.00	518
51.00	10744	117.00	1177	188.00	55	265.00	217
52.00	588	118.00	78	189.00	158	273.00	265
55.00	146	122.00	133	191.00	46	274.00	824
56.00	391	123.00	197	192.00	204	275.00	4526
57.00	617	124.00	146	193.00	245	276.00	646
60.00	24	125.00	76	194.00	17	277.00	310
61.00	103	126.00	22	196.00	504	278.00	41
62.00	76	127.00	8739	197.00	53	293.00	43
63.00	339	128.00	713	198.00	19576	296.00	966
65.00	148	129.00	3021	199.00	1305	297.00	43
68.00	89	130.00	394	200.00	37	303.00	137
69.00	7604	131.00	50	201.00	104	307.00	38
70.00	64	132.00	31	203.00	140	314.00	42
73.00	126	134.00	83	204.00	547	315.00	152
74.00	758	135.00	276	205.00	1180	316.00	56
75.00	1091	136.00	33	206.00	4825	323.00	330
76.00	359	137.00	152	207.00	745	324.00	139
77.00	9270	141.00	354	208.00	180	327.00	110
78.00	529	142.00	69	211.00	179	334.00	265
79.00	531	143.00	53	215.00	24	346.00	121
80.00	407	147.00	246	216.00	43	352.00	85
81.00	587	148.00	264	217.00	1388	353.00	133
82.00	81	149.00	19	218.00	113	354.00	173
83.00	166	153.00	156	221.00	1255	364.00	80
84.00	130	154.00	145	222.00	48	365.00	351
85.00	124	155.00	239	223.00	292	372.00	193

Report Date: 27-May-2015 13:11:41 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D\8270_11R_9.rslt\spectra.d
Injection Date: 26-May-2015 12:29:30
Spectrum: Tune Spec :Average 436-438(5.65-5.66) Bgrd 431(5.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 194

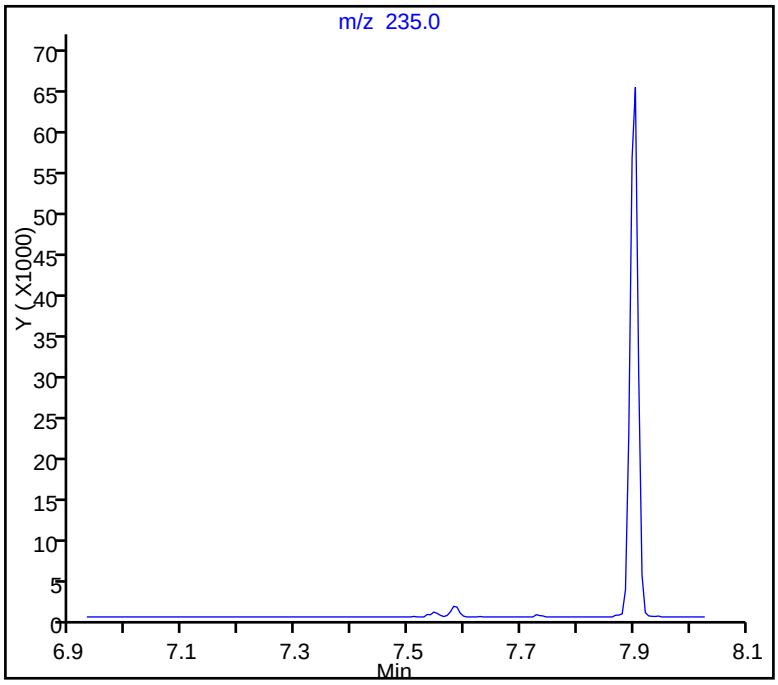
m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	132	156.00	463	224.00	2434	382.00	19
87.00	43	157.00	25	225.00	633	383.00	61
88.00	25	158.00	60	226.00	19	401.00	17
91.00	188	159.00	46	227.00	1038	402.00	72
92.00	123	160.00	144	228.00	49	403.00	179
93.00	796	161.00	204	229.00	208	420.00	73
94.00	18	164.00	23	231.00	141	421.00	37
95.00	22	165.00	119	234.00	19	422.00	89
98.00	484	166.00	96	235.00	84	423.00	807
99.00	513	167.00	872	236.00	18	424.00	82
100.00	59	168.00	450	237.00	148	441.00	2025
101.00	392	172.00	100	241.00	70	442.00	13121
102.00	18	173.00	86	242.00	86	443.00	2663
103.00	67	174.00	151	243.00	113	444.00	291
104.00	226	175.00	340	244.00	2118		
105.00	150	176.00	43	245.00	235		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 64698
126 4,4'-DDD, Area = 1386
125 4,4'-DDE, Area = 0

%Breakdown: 2.10%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

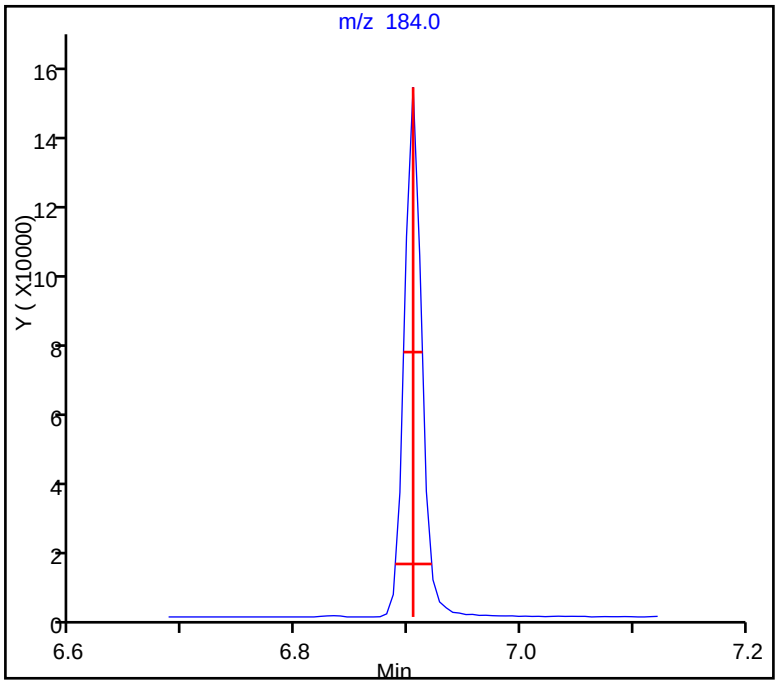
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

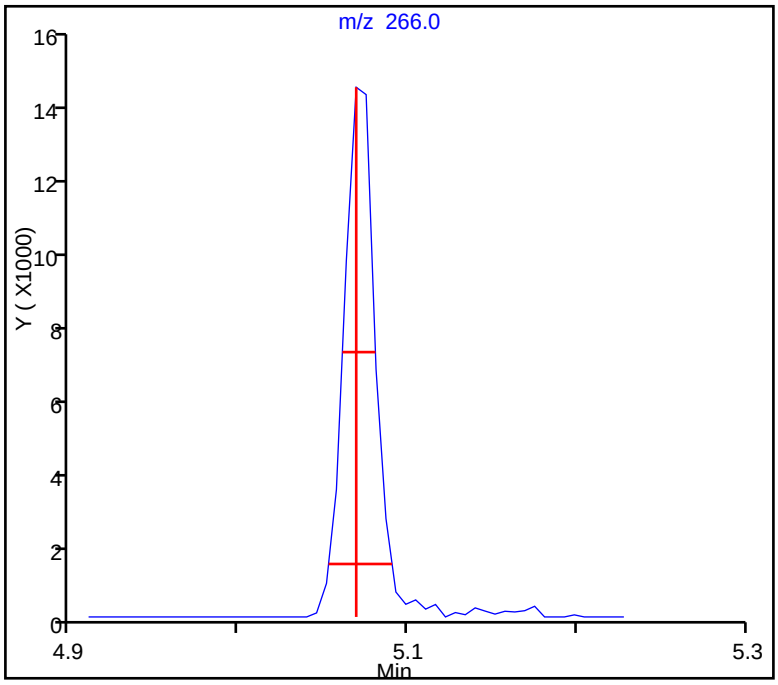
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 27-May-2015 20:02:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 22:27:58 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 20:30:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.040	5.040	0.000	93	17596	NR	NR	7
56 Benzidine_T	184	6.869	6.869	0.000	100	142680	NR	NR	7
124 DFTPP									
125 4,4'-DDE	246	7.122	7.122	0.000	1	99		NR	7
126 4,4'-DDD	235	7.545	7.545	0.000	89	1494		NR	7
127 4,4'-DDT	235	7.869	7.869	0.000	99	55724	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

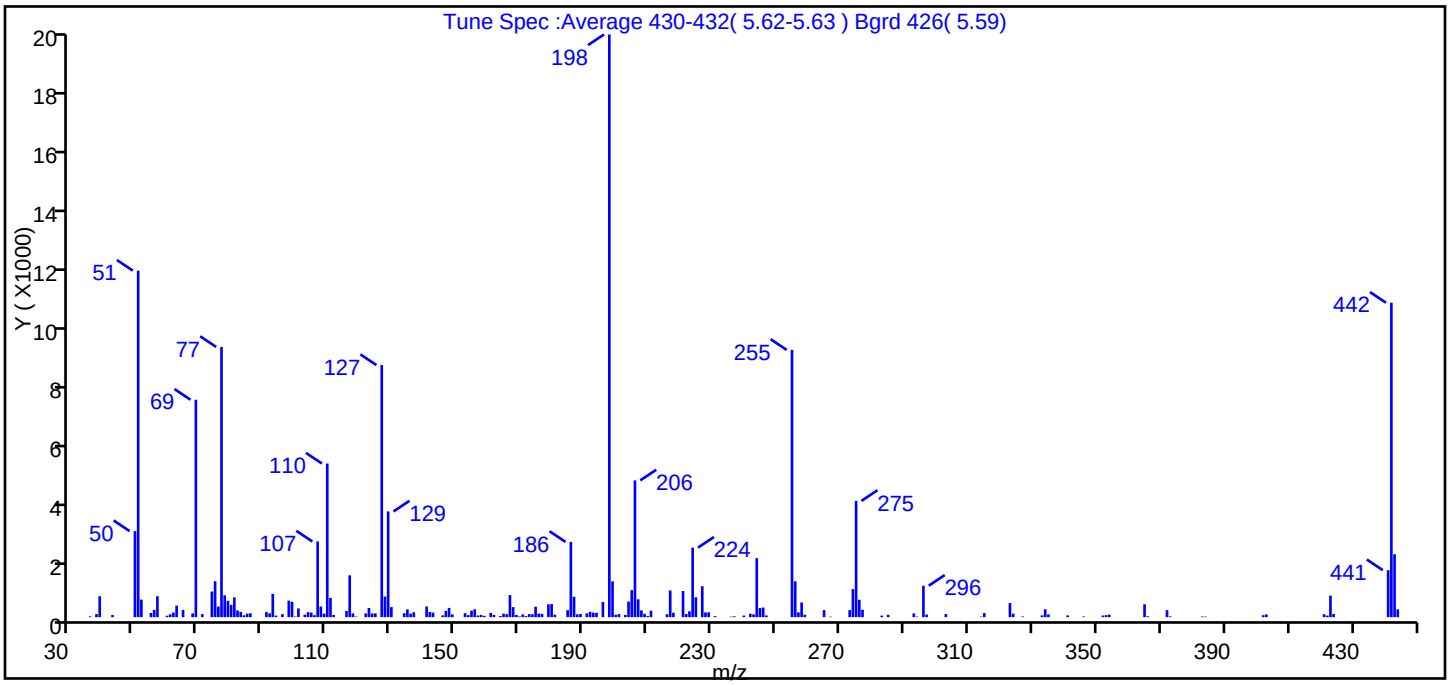
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	59.5
68	<2% of mass 69	0.6 (1.7)
69	Present	37.3
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	43.3
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.2
275	10-30% of mass 198	20.0
365	>1% of mass 198	2.2
441	Present but less than mass 443	8.1 (74.6)
442	>40% of mass 198	54.0
443	17-23% of mass 442	10.8 (20.0)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D\8270_11R_9.rslt\spectra.d
Injection Date: 27-May-2015 20:02:30
Spectrum: Tune Spec :Average 430-432(5.62-5.63) Bgrd 426(5.59)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	26	111.00	631	179.00	422	256.00	1179
38.00	101	112.00	71	180.00	431	257.00	155
39.00	687	116.00	205	181.00	81	258.00	483
43.00	70	117.00	1376	185.00	228	259.00	79
50.00	2827	118.00	122	186.00	2473	265.00	231
51.00	11390	119.00	18	187.00	669	267.00	16
52.00	576	122.00	122	188.00	92	273.00	232
55.00	136	123.00	300	189.00	105	274.00	921
56.00	236	124.00	122	191.00	125	275.00	3821
57.00	687	125.00	124	192.00	174	276.00	570
60.00	47	127.00	8286	193.00	148	277.00	242
61.00	92	128.00	677	194.00	140	283.00	50
62.00	152	129.00	3474	196.00	498	285.00	77
63.00	378	130.00	331	198.00	19152	293.00	123
65.00	237	134.00	129	199.00	1178	294.00	18
68.00	124	135.00	254	200.00	79	296.00	1033
69.00	7146	136.00	115	201.00	100	297.00	85
71.00	98	137.00	161	203.00	73	303.00	102
74.00	843	141.00	350	204.00	513	314.00	17
75.00	1181	142.00	168	205.00	887	315.00	132
76.00	349	143.00	151	206.00	4495	323.00	464
77.00	8881	146.00	59	207.00	587	324.00	115
78.00	716	147.00	208	208.00	220	327.00	23
79.00	539	148.00	303	209.00	111	333.00	59
80.00	404	149.00	93	210.00	36	334.00	259
81.00	650	153.00	130	211.00	212	335.00	89
82.00	221	154.00	67	216.00	95	341.00	57
83.00	175	155.00	214	217.00	877	346.00	22
84.00	60	156.00	260	218.00	144	352.00	54
85.00	116	157.00	56	221.00	860	353.00	66
86.00	127	158.00	72	222.00	102	354.00	83
91.00	167	159.00	43	223.00	192	365.00	423
92.00	125	161.00	140	224.00	2284	366.00	29

Report Date: 27-May-2015 22:28:00 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D\8270_11R_9.rslt\spectra.d
Injection Date: 27-May-2015 20:02:30
Spectrum: Tune Spec :Average 430-432(5.62-5.63) Bgrd 426(5.59)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

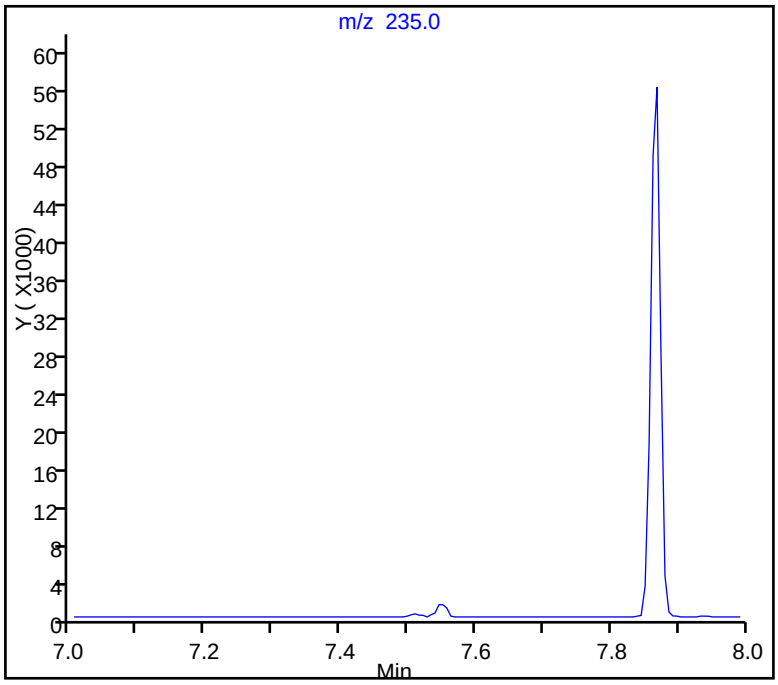
m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	765	162.00	75	225.00	654	372.00	230
94.00	52	164.00	37	227.00	1017	373.00	26
96.00	98	165.00	116	228.00	156	383.00	22
98.00	543	166.00	97	229.00	159	384.00	17
99.00	506	167.00	726	231.00	35	402.00	64
100.00	20	168.00	330	236.00	18	403.00	90
101.00	286	169.00	73	237.00	28	421.00	96
103.00	81	170.00	25	240.00	54	422.00	50
104.00	163	171.00	89	242.00	113	423.00	706
105.00	150	172.00	34	243.00	91	424.00	102
106.00	64	173.00	100	244.00	1938	441.00	1544
107.00	2487	174.00	93	245.00	300	442.00	10334
108.00	350	175.00	343	246.00	317	443.00	2070
109.00	113	176.00	118	247.00	55	444.00	258
110.00	5049	177.00	107	255.00	8784		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 55724
126 4,4'-DDD, Area = 1494
125 4,4'-DDE, Area = 99

%Breakdown: 2.78%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

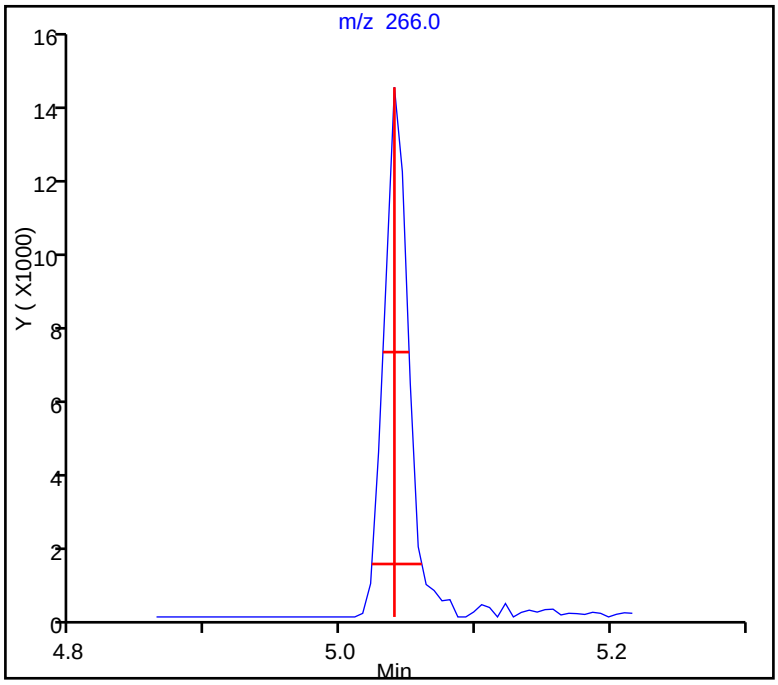
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

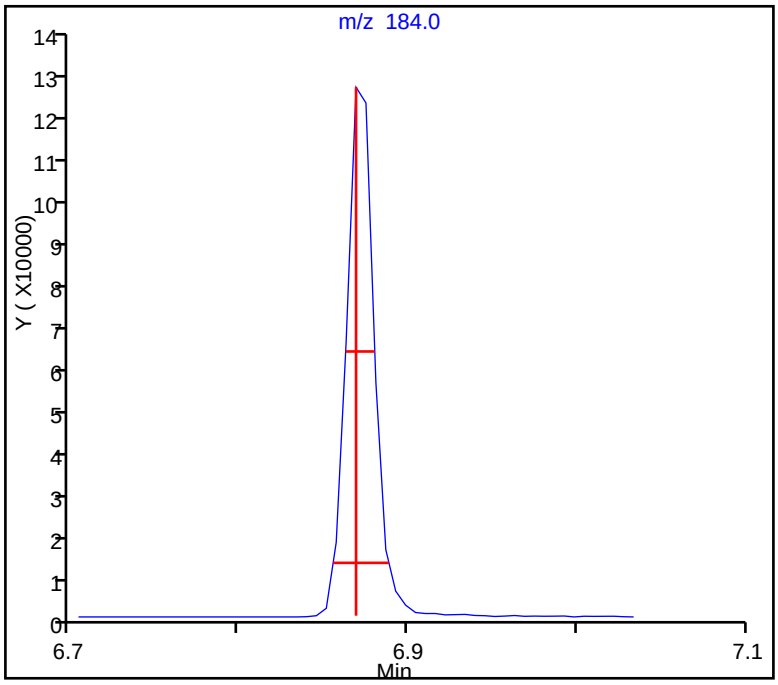
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 19-May-2015 04:12:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:11 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 04:25:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.810	4.810	0.000	94	54455	NR	NR	7
47 Benzidine_T	184	6.593	6.593	0.000	99	191450	NR	NR	7
121 DFTPP									
124 4,4'-DDT	235	7.575	7.575	0.000	99	102463	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

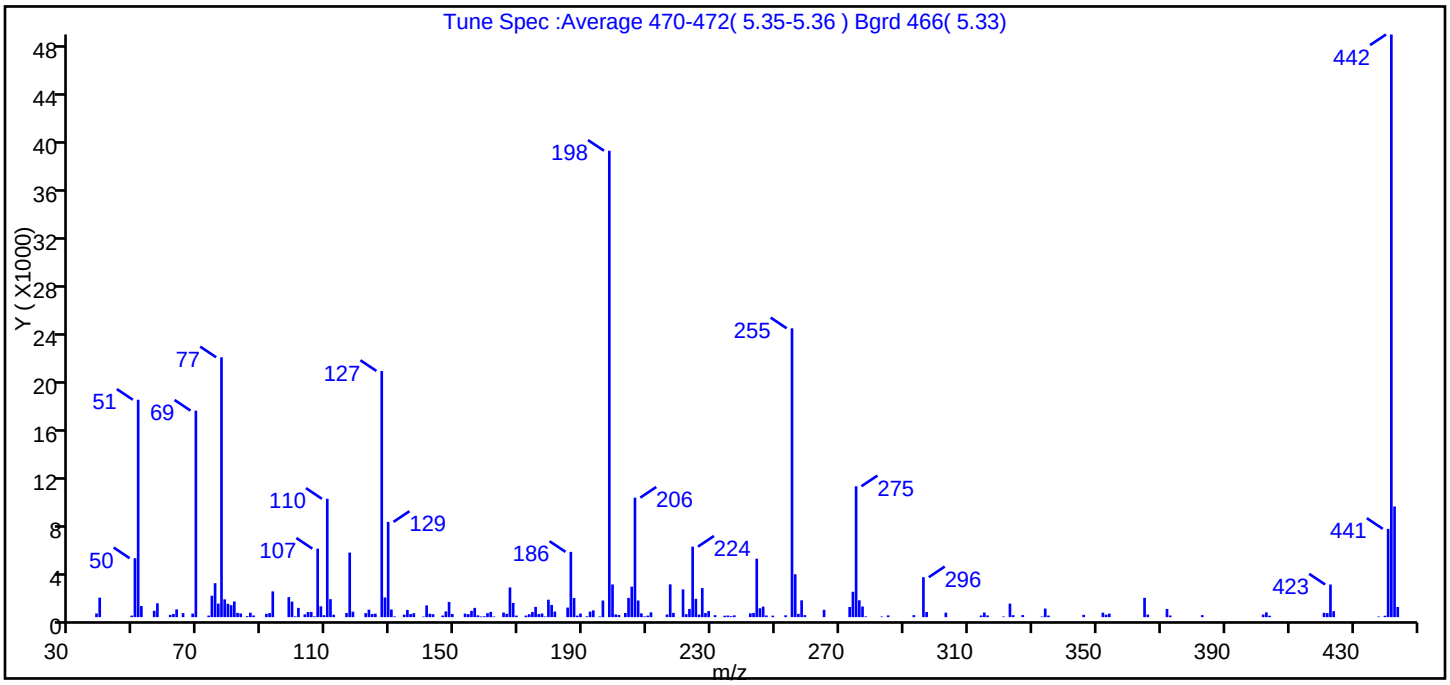
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	46.6
68	<2% of mass 69	0.8 (1.7)
69	Present	44.3
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	52.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	7.0
275	10-30% of mass 198	28.1
365	>1% of mass 198	4.1
441	Present but less than mass 443	18.9 (79.8)
442	>40% of mass 198	124.9
443	17-23% of mass 442	23.7 (19.0)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-May-2015 04:12:30
Spectrum: Tune Spec :Average 470-472(5.35-5.36) Bgrd 466(5.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	302	122.00	329	188.00	125	259.00	167
39.00	1609	123.00	619	189.00	297	265.00	606
44.00	5	124.00	258	191.00	67	273.00	838
49.00	126	125.00	285	192.00	458	274.00	2094
50.00	4862	127.00	20312	193.00	559	275.00	10799
51.00	17936	128.00	1622	195.00	52	276.00	1391
52.00	918	129.00	7861	196.00	1373	277.00	876
56.00	525	130.00	633	198.00	38480	278.00	59
57.00	1144	131.00	60	199.00	2696	283.00	51
61.00	189	134.00	208	200.00	224	285.00	144
62.00	258	135.00	594	201.00	180	293.00	167
63.00	641	136.00	253	203.00	346	296.00	3293
65.00	333	137.00	327	204.00	1586	297.00	425
68.00	293	140.00	50	205.00	2516	303.00	372
69.00	17040	141.00	968	206.00	9859	314.00	135
73.00	130	142.00	282	207.00	1375	315.00	377
74.00	1770	143.00	242	208.00	312	316.00	140
75.00	2800	146.00	132	209.00	58	321.00	52
76.00	1118	147.00	471	210.00	127	323.00	1116
77.00	21440	148.00	1253	211.00	395	324.00	163
78.00	1469	149.00	261	216.00	218	327.00	173
79.00	1102	153.00	292	217.00	2707	333.00	51
80.00	990	154.00	247	218.00	353	334.00	710
81.00	1297	155.00	523	221.00	2291	335.00	130
82.00	354	156.00	764	222.00	243	346.00	192
83.00	303	157.00	146	223.00	679	352.00	372
85.00	82	158.00	58	224.00	5817	353.00	204
86.00	366	159.00	70	225.00	1512	354.00	292
87.00	138	160.00	330	226.00	209	365.00	1593
91.00	275	161.00	438	227.00	2399	366.00	214
92.00	333	162.00	54	228.00	343	372.00	675
93.00	2125	165.00	380	229.00	505	373.00	136
98.00	1653	166.00	276	231.00	161	383.00	166

Report Date: 19-May-2015 13:07:12 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-May-2015 04:12:30
Spectrum: Tune Spec :Average 470-472(5.35-5.36) Bgrd 466(5.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 193

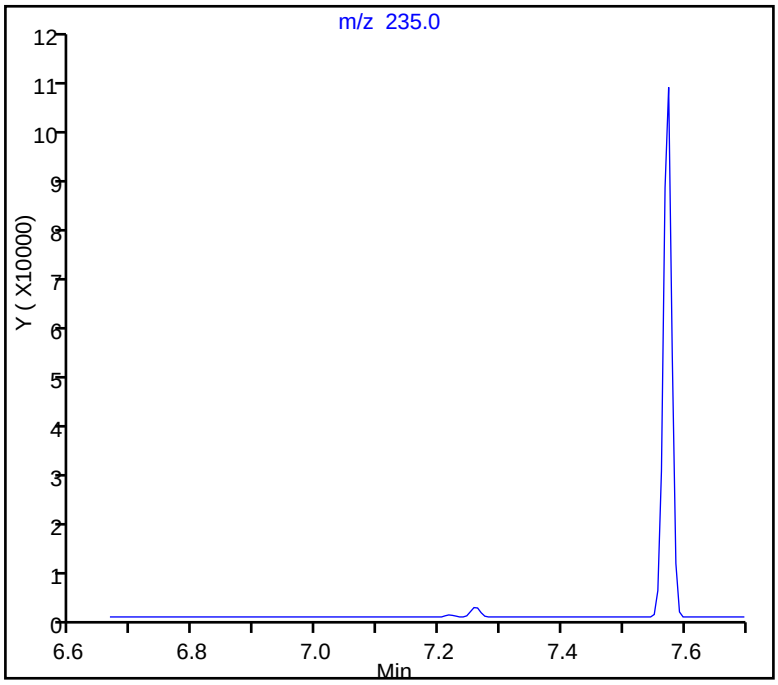
m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	1283	167.00	2449	234.00	120	402.00	214
100.00	59	168.00	1178	235.00	133	403.00	394
101.00	764	169.00	125	236.00	76	404.00	119
103.00	226	172.00	130	237.00	148	421.00	358
104.00	420	173.00	240	242.00	316	422.00	334
105.00	428	174.00	420	243.00	346	423.00	2693
106.00	61	175.00	845	244.00	4822	424.00	490
107.00	5651	176.00	255	245.00	732	438.00	51
108.00	892	177.00	301	246.00	869	440.00	117
109.00	158	178.00	52	247.00	138	441.00	7285
110.00	9764	179.00	1439	249.00	124	442.00	48072
111.00	1484	180.00	1007	253.00	153	443.00	9128
112.00	198	181.00	459	255.00	23832	444.00	839
116.00	341	185.00	791	256.00	3535		
117.00	5328	186.00	5386	257.00	270		
118.00	451	187.00	1578	258.00	1389		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 102463
123 4,4'-DDD, Area = 0
122 4,4'-DDE, Area = 0

%Breakdown: 0.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

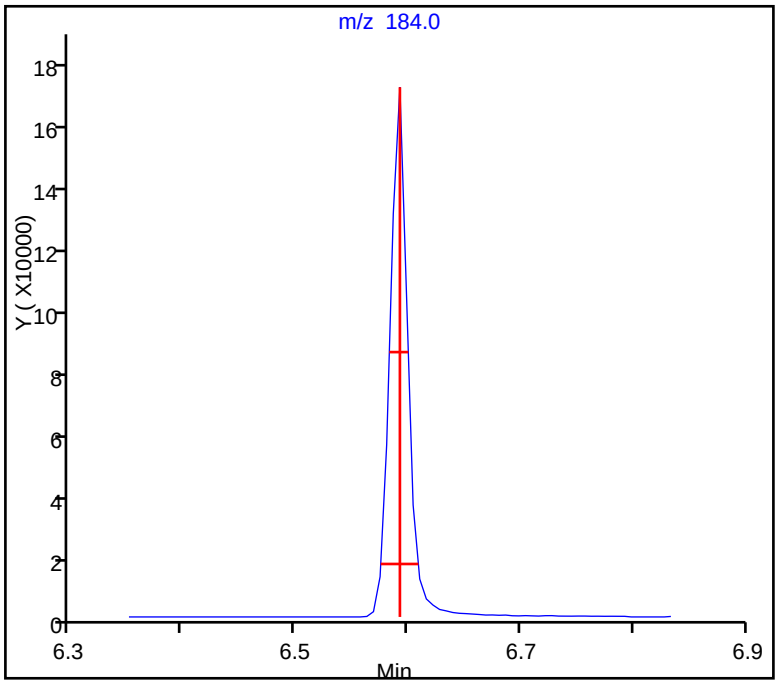
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

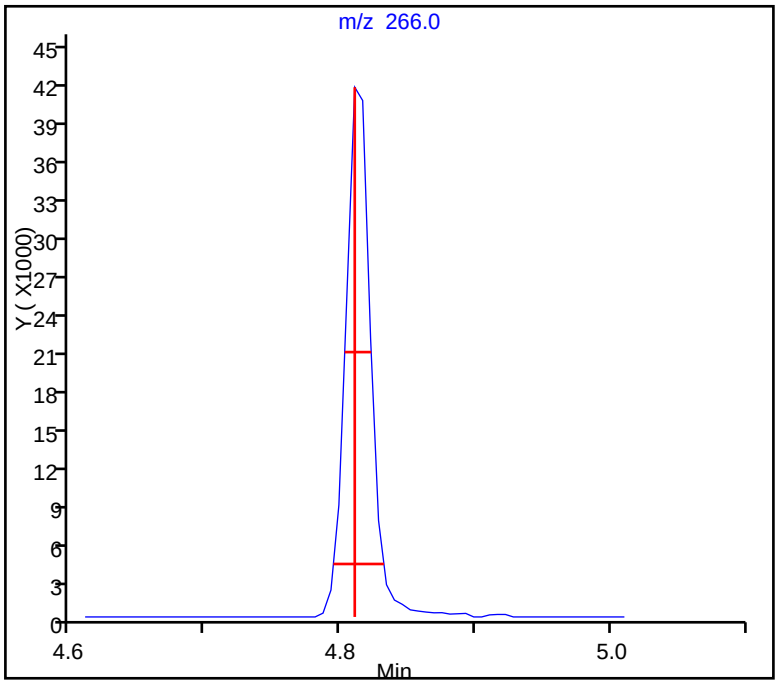
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 24-May-2015 08:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 24-May-2015 21:57:16 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: zhaoc Date: 24-May-2015 09:33:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.681	4.681	0.000	94	19554	NR	NR	7
47 Benzidine_T	184	6.457	6.457	0.000	99	215311	NR	NR	7
121 DFTPP									
123 4,4'-DDD	235	7.122	7.122	0.000	94	1438		NR	7
124 4,4'-DDT	235	7.440	7.440	0.000	99	67942	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

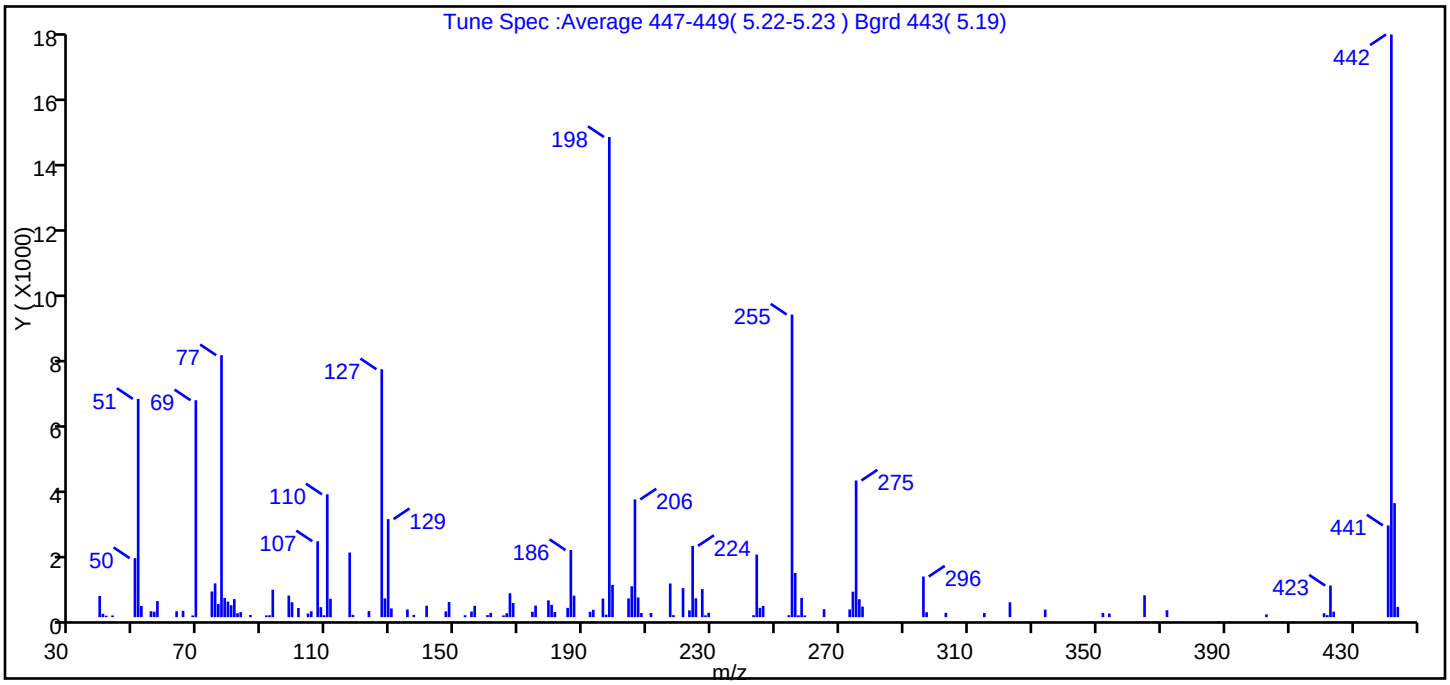
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.5
68	<2% of mass 69	0.4 (0.8)
69	Present	45.2
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	51.6
197	<1% of mass 198	0.5
199	5-9% of mass 198	6.7
275	10-30% of mass 198	28.5
365	>1% of mass 198	4.6
441	Present but less than mass 443	19.1 (80.5)
442	>40% of mass 198	121.4
443	17-23% of mass 442	23.7 (19.6)

Report Date: 24-May-2015 21:57:18 Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D\8270_12R_9.rslt\spectra.d
Injection Date: 24-May-2015 08:57:30
Spectrum: Tune Spec :Average 447-449(5.22-5.23) Bgrd 443(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 123

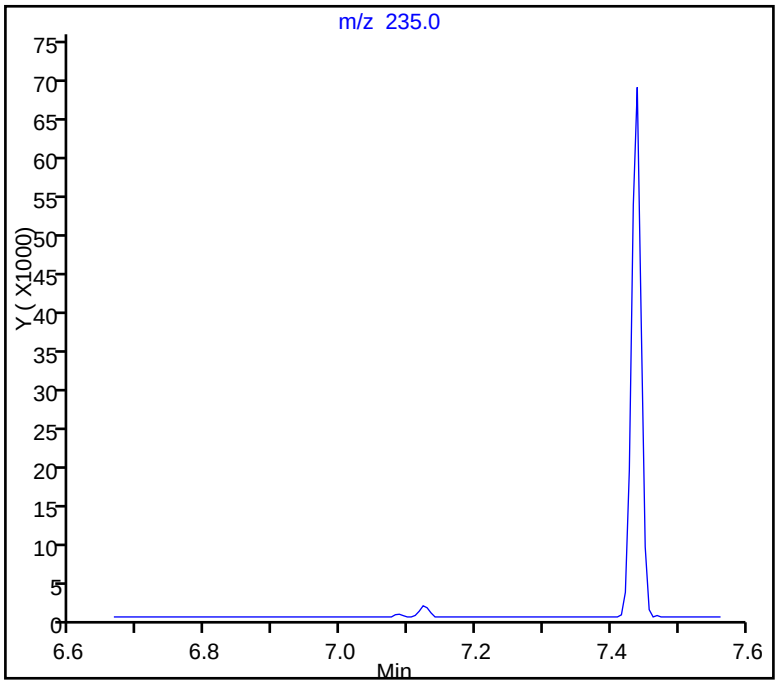
m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	619	104.00	106	180.00	360	255.00	8842
40.00	98	105.00	173	181.00	151	256.00	1290
41.00	41	107.00	2217	185.00	271	257.00	53
43.00	50	108.00	292	186.00	1960	258.00	562
50.00	1724	109.00	56	187.00	628	259.00	51
51.00	6377	110.00	3588	192.00	157	265.00	233
52.00	328	111.00	535	193.00	216	273.00	226
55.00	174	117.00	1888	196.00	543	274.00	745
56.00	158	118.00	67	197.00	70	275.00	3993
57.00	470	123.00	177	198.00	14028	276.00	524
63.00	172	127.00	7243	199.00	943	277.00	309
65.00	185	128.00	547	204.00	547	296.00	1186
68.00	50	129.00	2864	205.00	902	297.00	143
69.00	6337	130.00	256	206.00	3440	303.00	126
74.00	749	135.00	225	207.00	575	315.00	122
75.00	987	137.00	66	208.00	119	323.00	435
76.00	386	141.00	334	211.00	121	334.00	219
77.00	7654	147.00	169	217.00	983	352.00	125
78.00	561	148.00	443	218.00	59	354.00	106
79.00	454	153.00	57	221.00	848	365.00	640
80.00	348	155.00	165	223.00	198	372.00	204
81.00	528	156.00	331	224.00	2081	403.00	81
82.00	115	160.00	60	225.00	550	421.00	115
83.00	147	161.00	125	227.00	819	422.00	59
86.00	63	165.00	51	228.00	53	423.00	923
91.00	51	166.00	114	229.00	127	424.00	160
92.00	55	167.00	699	243.00	58	441.00	2680
93.00	801	168.00	415	244.00	1829	442.00	17024
98.00	630	174.00	158	245.00	271	443.00	3331
99.00	435	175.00	338	246.00	328	444.00	301
101.00	266	179.00	490	254.00	57		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D				
Injection Date:	24-May-2015 08:57:30	Instrument ID:	CBNAMS12		
Lims ID:	dftpp				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 67942
123 4,4'-DDD, Area = 1438
122 4,4'-DDE, Area = 0

%Breakdown: 2.07%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

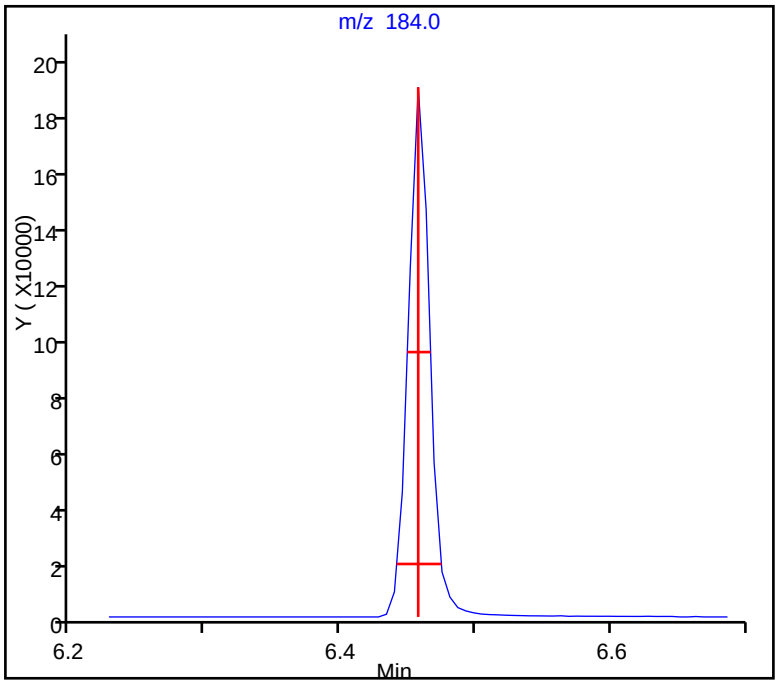
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

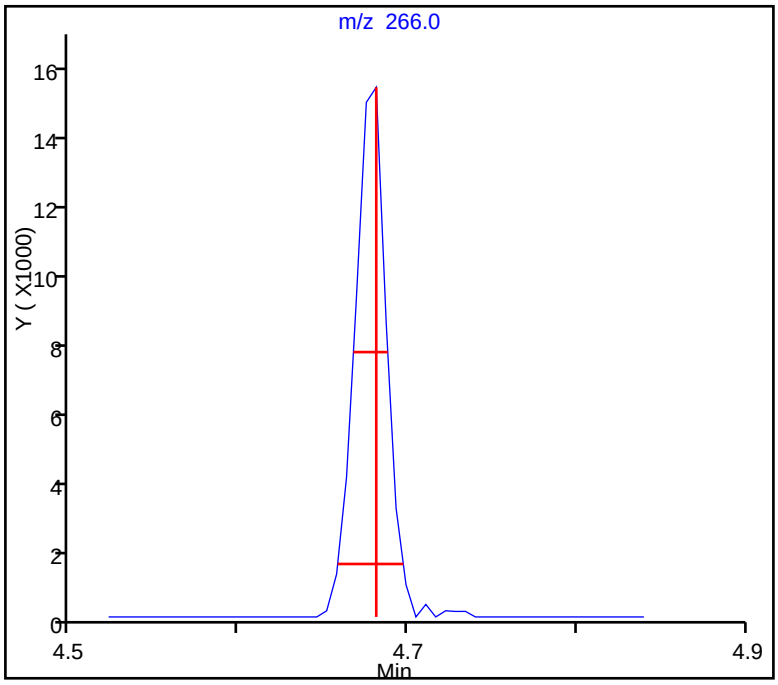
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.023 (min.)

Tailing Factor = 0.7, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-May-2015 07:08:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 13:41:45 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: sangfaib Date: 26-May-2015 22:48:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.669	4.669	0.000	95	35634	NR	NR	7
47 Benzidine_T	184	6.445	6.445	0.000	99	234382	NR	NR	7
121 DFTPP									
123 4,4'-DDD	235	7.116	7.116	0.000	94	2167		NR	7
124 4,4'-DDT	235	7.428	7.428	0.000	99	106102	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

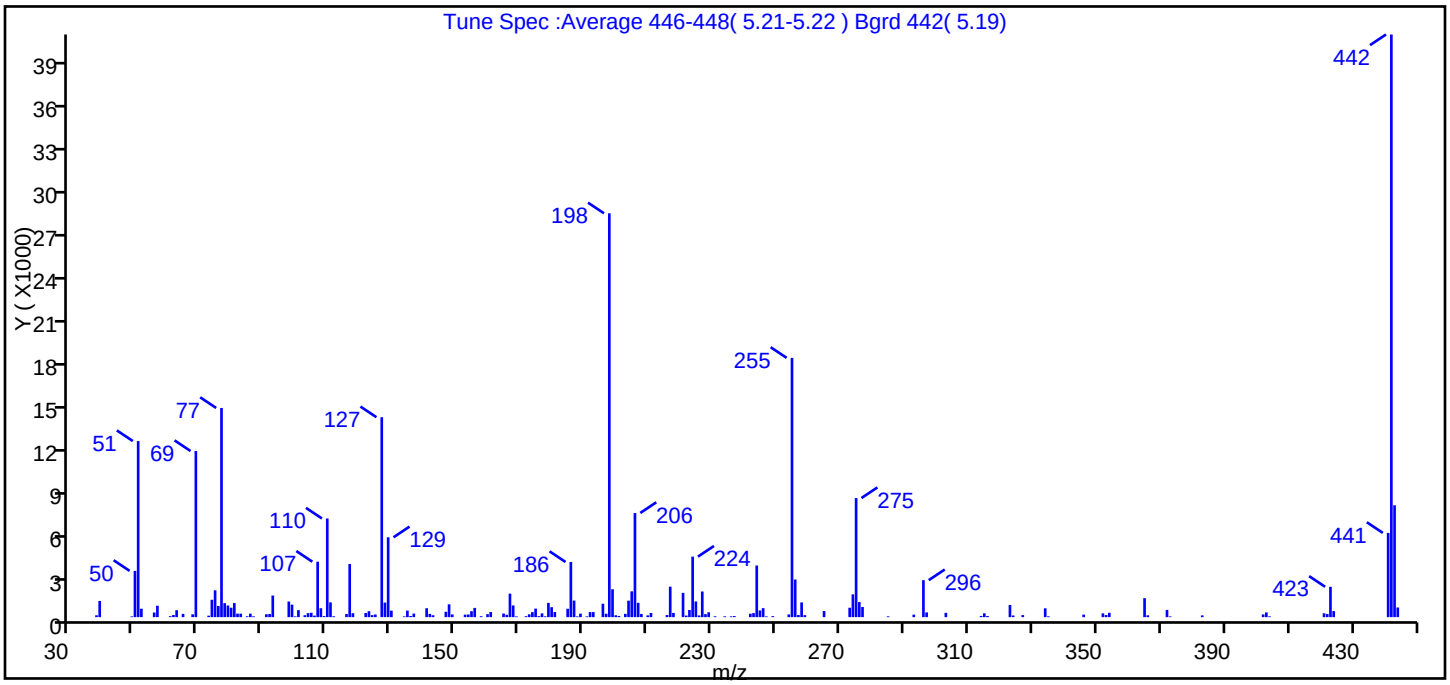
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	43.6
68	<2% of mass 69	0.7 (1.7)
69	Present	41.1
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	49.5
197	<1% of mass 198	0.8
199	5-9% of mass 198	6.9
275	10-30% of mass 198	29.5
365	>1% of mass 198	4.7
441	Present but less than mass 443	20.9 (75.3)
442	>40% of mass 198	144.3
443	17-23% of mass 442	27.7 (19.2)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D\8270_12R_9.rslt\spectra.d
Injection Date: 26-May-2015 07:08:30
Spectrum: Tune Spec :Average 446-448(5.21-5.22) Bgrd 442(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 178

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	130	116.00	219	187.00	1156	256.00	2630
39.00	1131	117.00	3707	188.00	50	257.00	152
49.00	50	118.00	275	189.00	245	258.00	1028
50.00	3230	122.00	289	191.00	51	259.00	139
51.00	12296	123.00	415	192.00	353	265.00	425
52.00	588	124.00	140	193.00	352	273.00	657
56.00	324	125.00	184	196.00	937	274.00	1593
57.00	797	127.00	13961	197.00	238	275.00	8316
61.00	68	128.00	1015	198.00	28200	276.00	1053
62.00	147	129.00	5576	199.00	1948	277.00	707
63.00	484	130.00	453	200.00	130	285.00	56
65.00	228	134.00	51	201.00	84	293.00	175
68.00	197	135.00	457	203.00	230	296.00	2582
69.00	11600	136.00	79	204.00	1151	297.00	332
73.00	102	137.00	250	205.00	1803	303.00	302
74.00	1214	141.00	623	206.00	7274	314.00	83
75.00	1875	142.00	227	207.00	1001	315.00	270
76.00	779	143.00	131	208.00	223	316.00	76
77.00	14607	147.00	376	210.00	124	323.00	853
78.00	978	148.00	896	211.00	290	324.00	117
79.00	813	149.00	191	216.00	145	327.00	141
80.00	658	153.00	175	217.00	2128	334.00	618
81.00	981	154.00	185	218.00	295	335.00	56
82.00	243	155.00	417	221.00	1696	346.00	178
83.00	244	156.00	644	222.00	111	352.00	263
85.00	59	158.00	64	223.00	500	353.00	149
86.00	243	160.00	207	224.00	4226	354.00	304
87.00	56	161.00	358	225.00	1094	365.00	1324
91.00	202	165.00	252	226.00	118	366.00	129
92.00	222	166.00	168	227.00	1791	372.00	507
93.00	1508	167.00	1641	228.00	209	373.00	51
98.00	1091	168.00	818	229.00	339	383.00	123
99.00	873	169.00	51	231.00	60	402.00	191

Report Date: 26-May-2015 13:41:46 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D\8270_12R_9.rslt\spectra.d
Injection Date: 26-May-2015 07:08:30
Spectrum: Tune Spec :Average 446-448(5.21-5.22) Bgrd 442(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 178

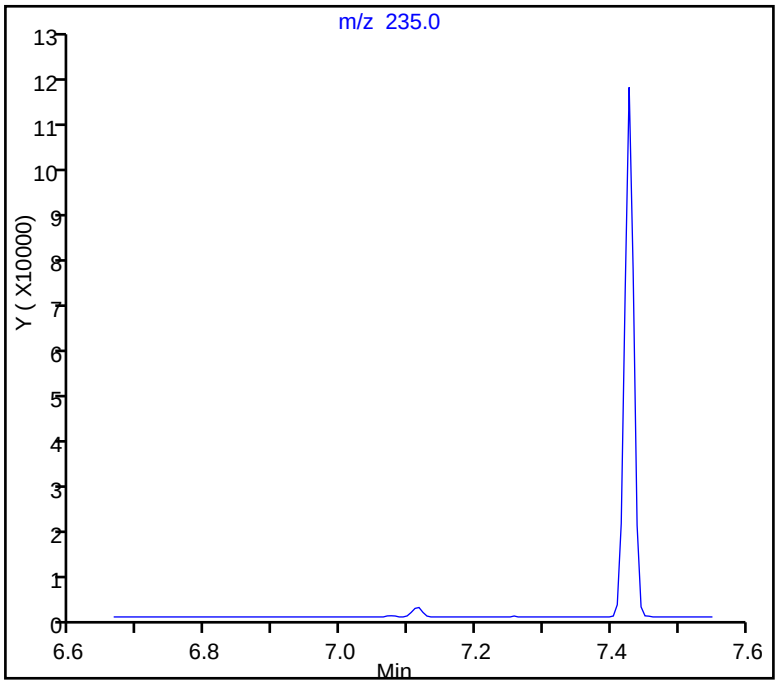
m/z	Y	m/z	Y	m/z	Y	m/z	Y
100.00	51	172.00	66	234.00	59	403.00	331
101.00	491	173.00	196	236.00	56	404.00	55
103.00	135	174.00	349	237.00	75	421.00	271
104.00	280	175.00	596	242.00	238	422.00	215
105.00	307	176.00	70	243.00	282	423.00	2119
106.00	106	177.00	263	244.00	3607	424.00	422
107.00	3872	178.00	54	245.00	469	441.00	5883
108.00	622	179.00	996	246.00	628	442.00	40688
109.00	71	180.00	695	247.00	50	443.00	7813
110.00	6889	181.00	355	249.00	70	444.00	675
111.00	1031	185.00	584	254.00	190		
112.00	61	186.00	3852	255.00	18104		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D				
Injection Date:	26-May-2015 07:08:30	Instrument ID:	CBNAMS12		
Lims ID:	dftpp				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 106102
123 4,4'-DDD, Area = 2167
122 4,4'-DDE, Area = 0

%Breakdown: 2.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

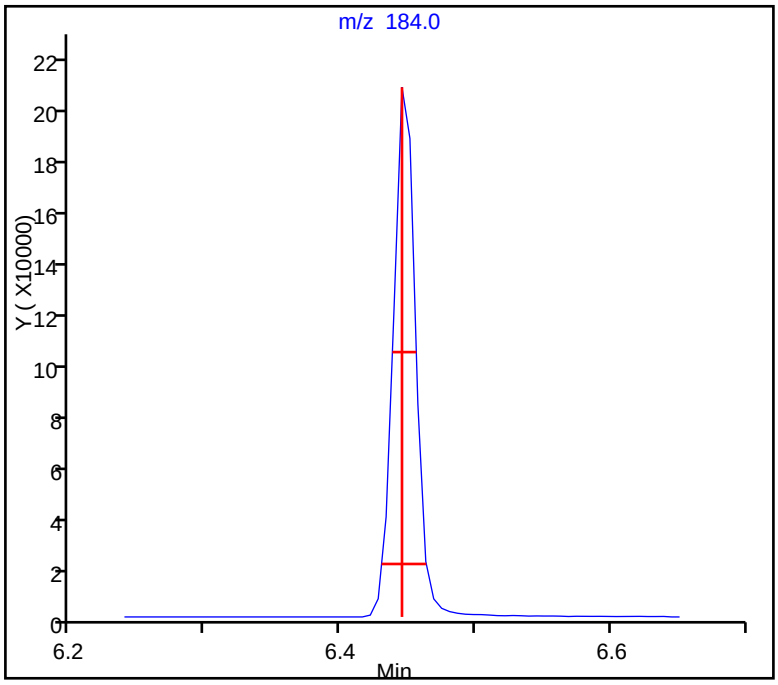
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

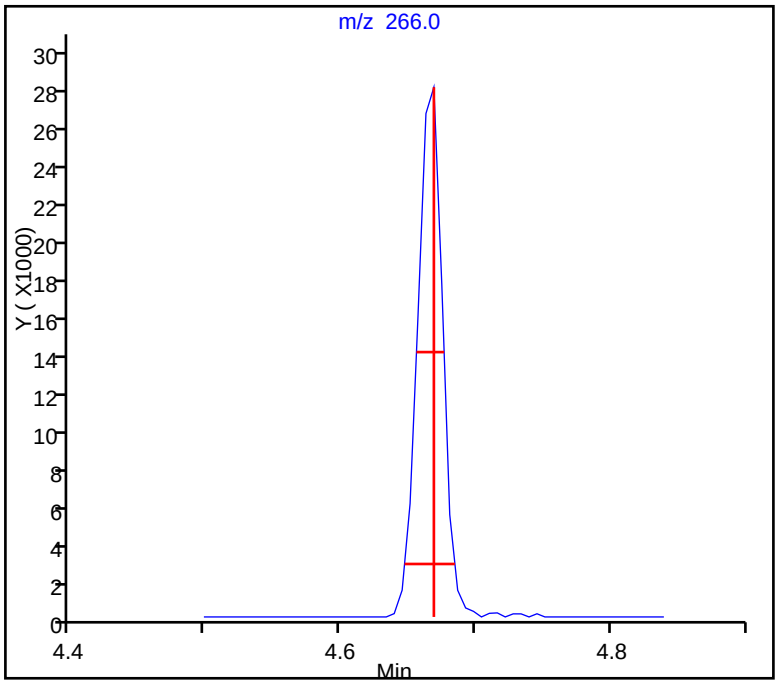
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.7, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 07-May-2015 11:56:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027129-001
Misc. Info.: DFTPP
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 10-May-2015 13:10:46 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 07-May-2015 12:12:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.892	6.892	0.000	92	36822	NR	NR	7
89 Benzidine_T	184	8.692	8.692	0.000	100	239744	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.386	9.386	0.000	94	2017		NR	7
116 4,4'-DDT	235	9.698	9.698	0.000	98	97187	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

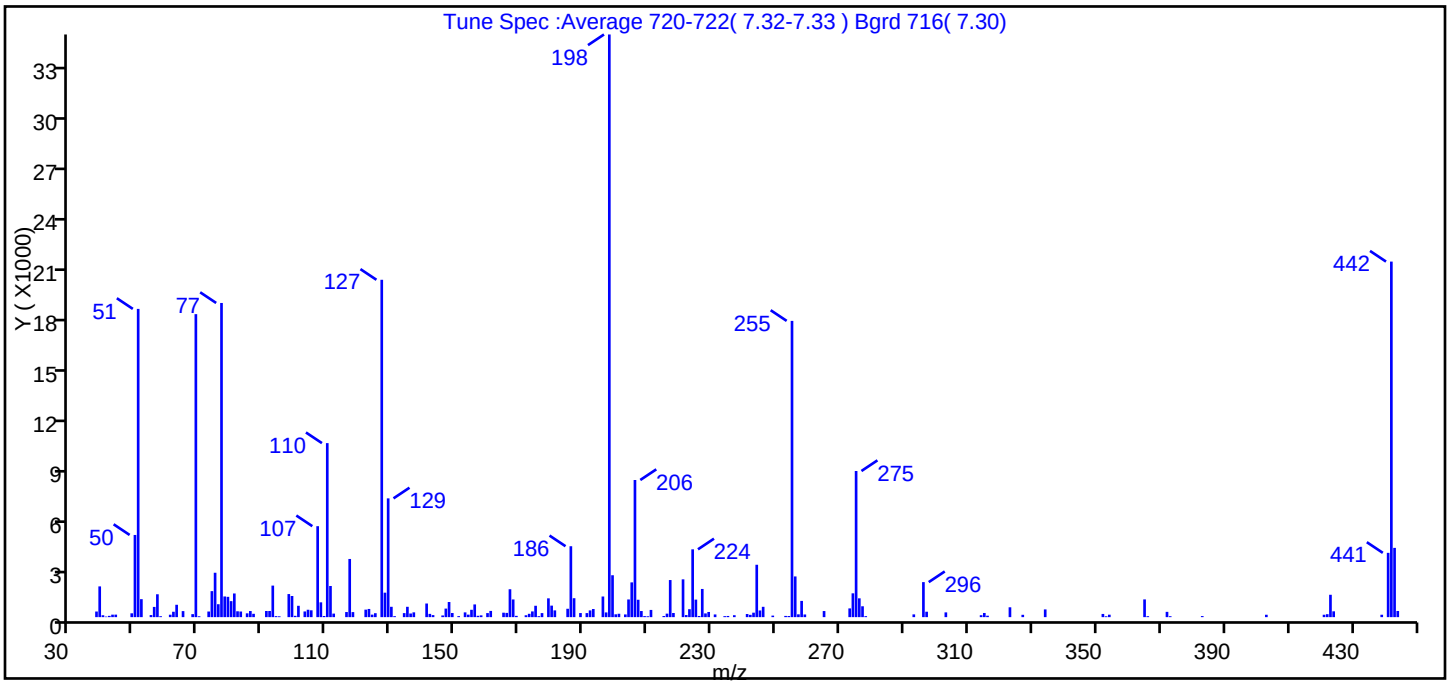
SMDFTP_CH_00010 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	52.9
68	<2% of mass 69	0.5 (1.0)
69	Present	52.0
70	<2% of mass 69	0.1 (0.3)
127	40-60% of mass 198	57.9
197	<1% of mass 198	0.8
199	5-9% of mass 198	7.2
275	10-30% of mass 198	25.1
365	>1% of mass 198	3.0
441	Present but less than mass 443	11.0 (92.8)
442	>40% of mass 198	61.0
443	17-23% of mass 442	11.9 (19.5)

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D\8270LVI_R13.rslt\spectra.d
Injection Date: 07-May-2015 11:56:30
Spectrum: Tune Spec :Average 720-722(7.32-7.33) Bgrd 716(7.30)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 188

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	334	105.00	406	175.00	675	243.00	265
39.00	1825	107.00	5399	176.00	57	244.00	3109
40.00	112	108.00	879	177.00	240	245.00	396
41.00	33	109.00	67	179.00	1116	246.00	613
42.00	77	110.00	10329	180.00	684	249.00	91
43.00	148	111.00	1849	181.00	401	253.00	73
44.00	150	112.00	210	185.00	497	254.00	66
49.00	228	116.00	303	186.00	4209	255.00	17584
50.00	4878	117.00	3453	187.00	1124	256.00	2416
51.00	18296	118.00	300	189.00	243	257.00	167
52.00	1067	122.00	445	191.00	240	258.00	964
55.00	123	123.00	486	192.00	400	259.00	159
56.00	607	124.00	149	193.00	482	265.00	362
57.00	1358	125.00	234	196.00	1225	273.00	519
58.00	55	127.00	20024	197.00	280	274.00	1414
61.00	144	128.00	1452	198.00	34584	275.00	8674
62.00	320	129.00	7050	199.00	2487	276.00	1117
63.00	734	130.00	614	200.00	169	277.00	645
65.00	358	131.00	58	201.00	201	278.00	59
68.00	178	134.00	239	203.00	161	293.00	164
69.00	17984	135.00	614	204.00	1050	296.00	2079
70.00	51	136.00	216	205.00	2063	297.00	322
73.00	334	137.00	285	206.00	8140	303.00	283
74.00	1544	141.00	809	207.00	1032	314.00	115
75.00	2635	142.00	194	208.00	362	315.00	247
76.00	767	143.00	121	209.00	61	316.00	86
77.00	18648	146.00	100	210.00	51	323.00	585
78.00	1227	147.00	508	211.00	428	327.00	139
79.00	1205	148.00	898	215.00	66	334.00	459
80.00	950	149.00	245	216.00	208	352.00	190
81.00	1405	151.00	60	217.00	2202	353.00	51
82.00	348	153.00	283	218.00	246	354.00	146
83.00	334	154.00	148	221.00	2244	365.00	1053

Report Date: 10-May-2015 13:10:48 Chrom Revision: 2.2 07-Apr-2015 13:11:02
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D\8270LVI_R13.rslt\spectra.d
Injection Date: 07-May-2015 11:56:30
Spectrum: Tune Spec :Average 720-722(7.32-7.33) Bgrd 716(7.30)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 188

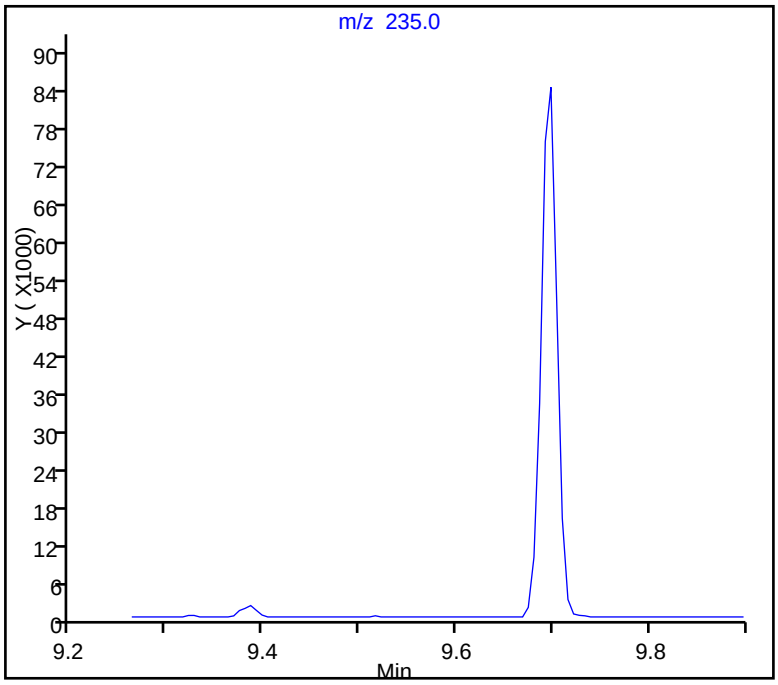
m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	226	155.00	437	222.00	124	366.00	56
86.00	362	156.00	755	223.00	472	372.00	314
87.00	198	157.00	81	224.00	4025	373.00	55
91.00	365	158.00	106	225.00	1040	383.00	64
92.00	365	160.00	241	226.00	69	403.00	142
93.00	1872	161.00	370	227.00	1673	421.00	143
94.00	60	165.00	264	228.00	221	422.00	175
95.00	50	166.00	252	229.00	307	423.00	1328
98.00	1370	167.00	1656	231.00	160	424.00	346
99.00	1255	168.00	1050	234.00	59	439.00	143
100.00	78	169.00	77	235.00	70	441.00	3816
101.00	674	172.00	112	237.00	115	442.00	21104
103.00	338	173.00	198	241.00	185	443.00	4111
104.00	439	174.00	340	242.00	137	444.00	366

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D				
Injection Date:	07-May-2015 11:56:30	Instrument ID:	CBNAMS13		
Lims ID:	dftpp				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 97187
114 4,4'-DDD, Area = 2017
115 4,4'-DDE, Area = 0

%Breakdown: 2.03%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

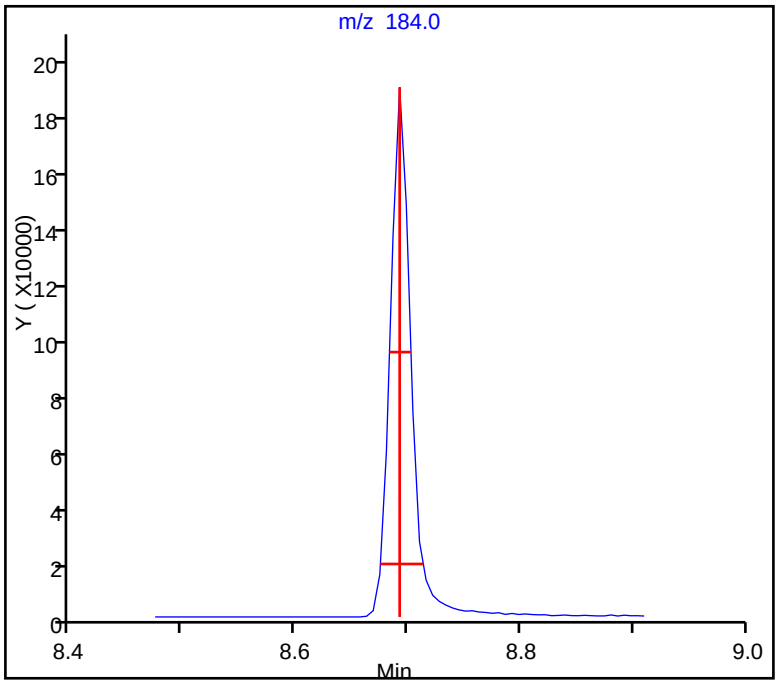
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

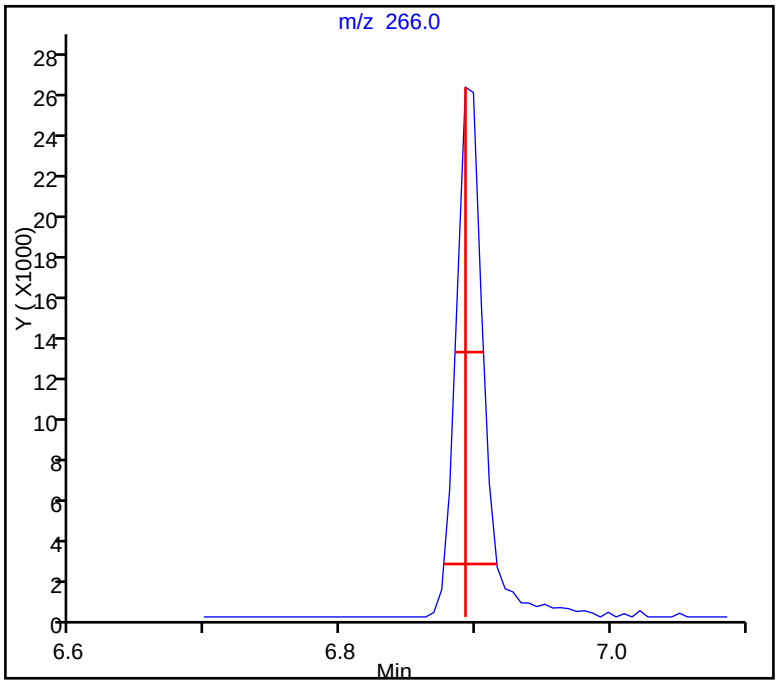
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15816.D
Injection Date: 07-May-2015 11:56:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-May-2015 06:24:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027783-001
Misc. Info.: DFTPP
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 12:35:48 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: manlangitf Date: 26-May-2015 06:42:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.569	6.569	0.000	92	20654	NR	NR	7
89 Benzidine_T	184	8.363	8.363	0.000	99	143369	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.051	9.051	0.000	91	1323		NR	7
116 4,4'-DDT	235	9.363	9.363	0.000	97	56393	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

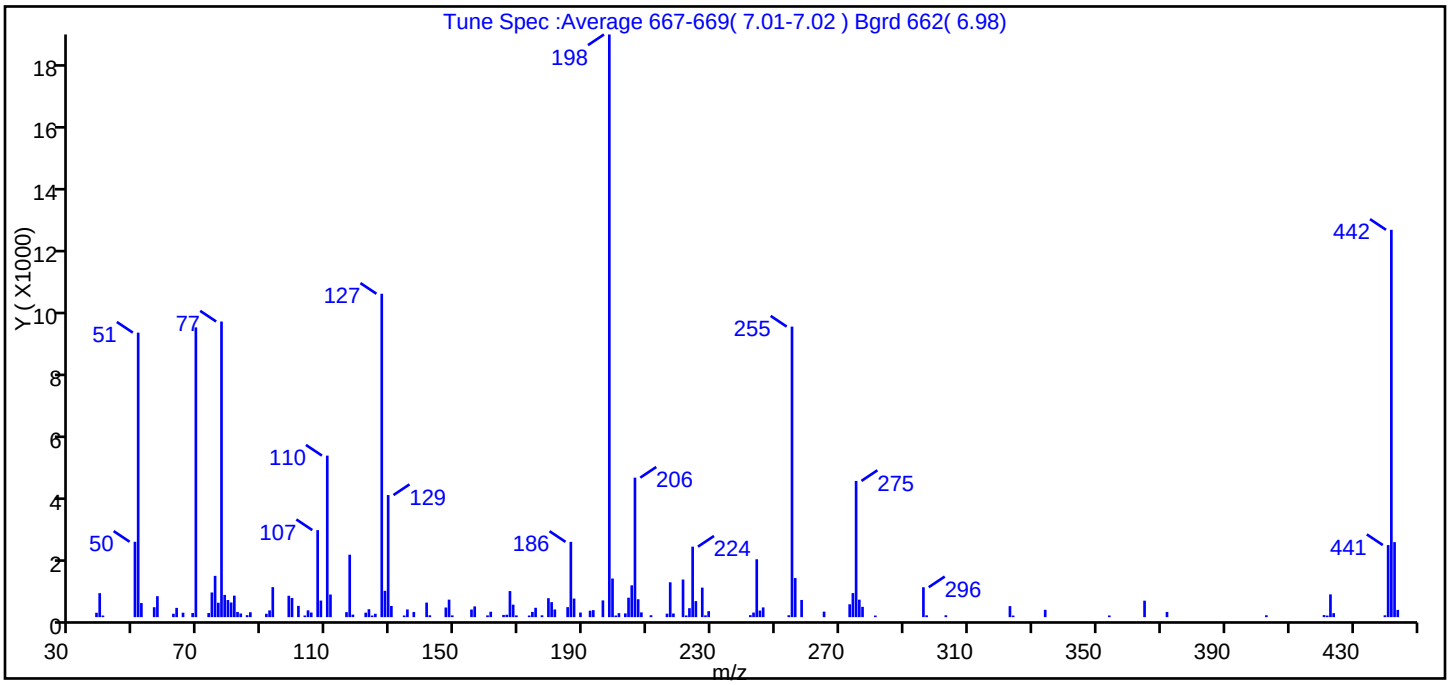
SMDFTP_CH_00010 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	48.8
68	<2% of mass 69	0.7 (1.4)
69	Present	49.7
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	55.5
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	23.4
365	>1% of mass 198	2.8
441	Present but less than mass 443	12.4 (96.1)
442	>40% of mass 198	66.5
443	17-23% of mass 442	12.9 (19.4)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D\8270LVI_R13.rslt\spectra.d
Injection Date: 26-May-2015 06:24:30
Spectrum: Tune Spec :Average 667-669(7.01-7.02) Bgrd 662(6.98)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 138

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	140	107.00	2781	177.00	58	244.00	1849
39.00	766	108.00	530	179.00	605	245.00	210
40.00	51	110.00	5161	180.00	479	246.00	311
50.00	2408	111.00	723	181.00	245	254.00	61
51.00	9090	116.00	160	185.00	320	255.00	9283
52.00	450	117.00	1995	186.00	2405	256.00	1249
56.00	317	118.00	81	187.00	593	258.00	549
57.00	670	122.00	143	189.00	147	265.00	176
62.00	108	123.00	253	192.00	206	273.00	411
63.00	296	124.00	51	193.00	224	274.00	768
65.00	142	125.00	108	196.00	535	275.00	4352
68.00	132	127.00	10332	198.00	18616	276.00	558
69.00	9258	128.00	841	199.00	1234	277.00	329
73.00	131	129.00	3901	200.00	51	281.00	51
74.00	788	130.00	357	201.00	127	296.00	956
75.00	1319	134.00	53	203.00	119	297.00	57
76.00	460	135.00	246	204.00	621	303.00	60
77.00	9445	137.00	164	205.00	1016	323.00	352
78.00	710	141.00	465	206.00	4457	324.00	50
79.00	547	142.00	59	207.00	572	334.00	234
80.00	468	147.00	308	208.00	152	354.00	53
81.00	687	148.00	559	211.00	61	365.00	526
82.00	165	149.00	56	216.00	112	372.00	166
83.00	116	155.00	244	217.00	1114	403.00	60
85.00	63	156.00	343	218.00	117	421.00	66
86.00	157	160.00	56	221.00	1202	422.00	50
91.00	108	161.00	173	222.00	53	423.00	727
92.00	216	165.00	71	223.00	287	424.00	127
93.00	959	166.00	78	224.00	2252	440.00	59
98.00	683	167.00	833	225.00	513	441.00	2303
99.00	613	168.00	399	227.00	943	442.00	12375
101.00	360	169.00	56	228.00	57	443.00	2397
103.00	52	173.00	52	229.00	190	444.00	231

Report Date: 26-May-2015 12:35:49 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D\8270LVI_R13.rslt\spectra.d
Injection Date: 26-May-2015 06:24:30
Spectrum: Tune Spec :Average 667-669(7.01-7.02) Bgrd 662(6.98)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 138

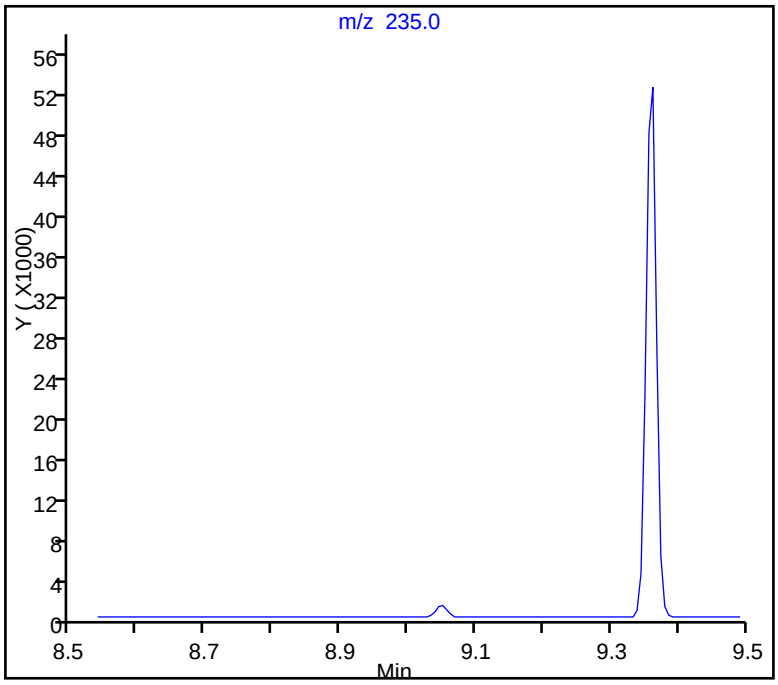
m/z	Y	m/z	Y	m/z	Y	m/z	Y
104.00	218	174.00	167	242.00	63		
105.00	147	175.00	299	243.00	147		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 56393
114 4,4'-DDD, Area = 1323
115 4,4'-DDE, Area = 0

%Breakdown: 2.29%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

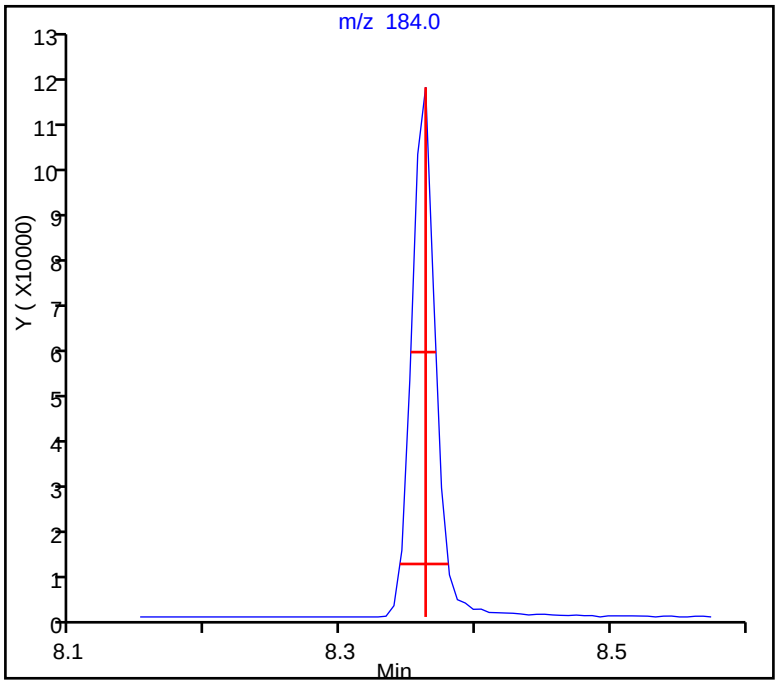
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

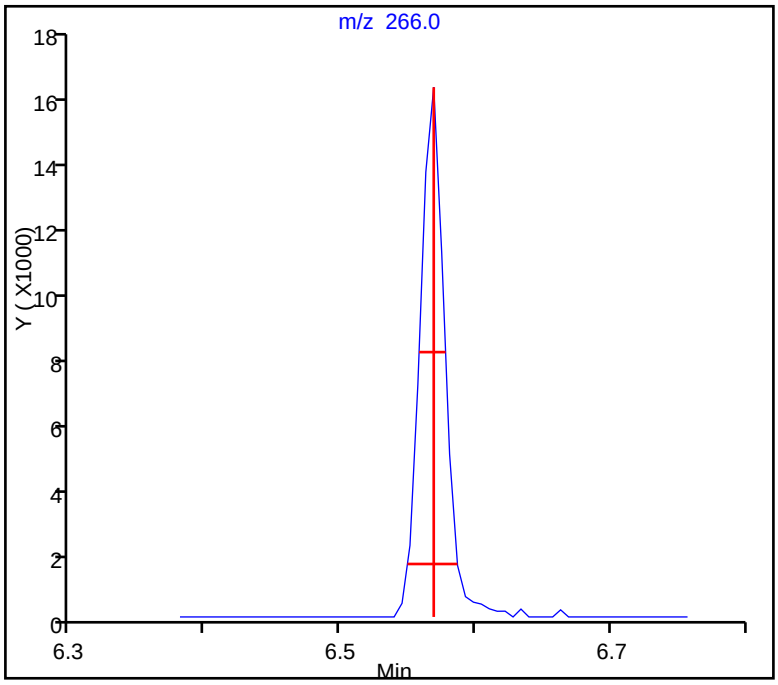
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16505.D
Injection Date: 26-May-2015 06:24:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 27-May-2015 16:54:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027858-001
Misc. Info.: DFTPP
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 21:16:18 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 17:04:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.540	6.540	0.000	93	38495	NR	NR	7
89 Benzidine_T	184	8.340	8.340	0.000	99	176318	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.028	9.028	0.000	94	2006		NR	7
116 4,4'-DDT	235	9.339	9.339	0.000	98	80423	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

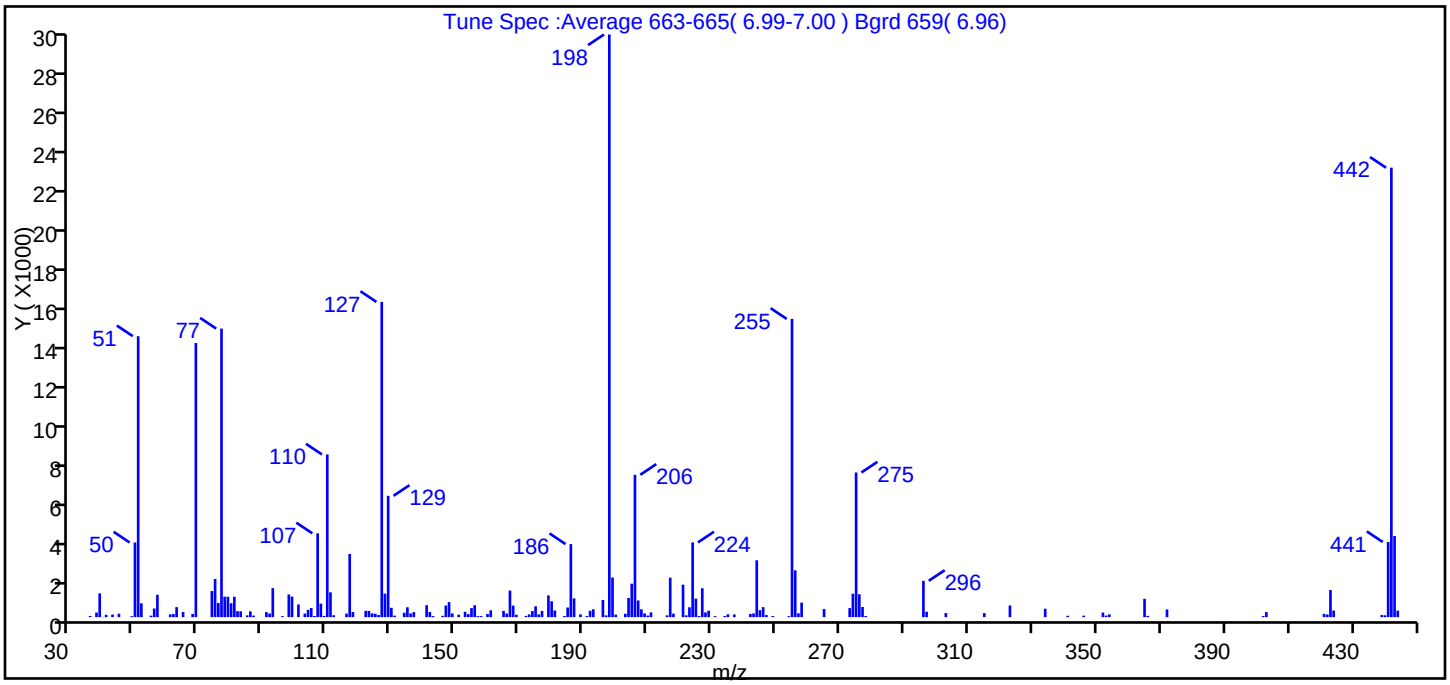
SMDFTP_CH_00010 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D
Injection Date: 27-May-2015 16:54:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	48.2
68	<2% of mass 69	0.5 (1.2)
69	Present	47.1
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	54.1
197	<1% of mass 198	0.3
199	5-9% of mass 198	6.8
275	10-30% of mass 198	24.8
365	>1% of mass 198	3.1
441	Present but less than mass 443	12.9 (92.6)
442	>40% of mass 198	77.1
443	17-23% of mass 442	13.9 (18.0)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D\8270LVI_R13.rslt\spectra.d
Injection Date: 27-May-2015 16:54:30
Spectrum: Tune Spec :Average 663-665(6.99-7.00) Bgrd 659(6.96)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 180

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	58	108.00	688	174.00	310	242.00	164
38.00	235	109.00	62	175.00	551	243.00	190
39.00	1208	110.00	8265	176.00	138	244.00	2890
40.00	12	111.00	1263	177.00	318	245.00	355
41.00	119	112.00	96	179.00	1104	246.00	509
43.00	129	116.00	180	180.00	806	247.00	106
45.00	174	117.00	3208	181.00	338	249.00	60
49.00	50	118.00	260	184.00	57	254.00	52
50.00	3793	122.00	321	185.00	488	255.00	15151
51.00	14273	123.00	317	186.00	3712	256.00	2377
52.00	703	124.00	192	187.00	951	257.00	194
55.00	74	125.00	171	189.00	142	258.00	738
56.00	439	126.00	107	191.00	56	265.00	413
57.00	1138	127.00	16014	192.00	322	273.00	460
61.00	140	128.00	1194	193.00	402	274.00	1190
62.00	158	129.00	6163	196.00	872	275.00	7349
63.00	509	130.00	474	197.00	90	276.00	1162
65.00	259	131.00	77	198.00	29600	277.00	514
68.00	162	134.00	226	199.00	2012	278.00	58
69.00	13927	135.00	501	200.00	126	296.00	1845
74.00	1325	136.00	187	203.00	173	297.00	271
75.00	1937	137.00	257	204.00	972	303.00	207
76.00	717	141.00	607	205.00	1700	315.00	205
77.00	14658	142.00	265	206.00	7232	323.00	593
78.00	1041	143.00	55	207.00	847	334.00	429
79.00	1039	146.00	67	208.00	398	341.00	69
80.00	707	147.00	594	209.00	191	346.00	77
81.00	1036	148.00	765	210.00	80	352.00	235
82.00	303	149.00	189	211.00	243	353.00	81
83.00	298	151.00	122	216.00	92	354.00	142
85.00	91	153.00	273	217.00	2005	365.00	931
86.00	294	154.00	151	218.00	178	366.00	64
87.00	79	155.00	457	221.00	1650	372.00	390

Report Date: 27-May-2015 21:16:19 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D\8270LVI_R13.rslt\spectra.d
Injection Date: 27-May-2015 16:54:30
Spectrum: Tune Spec :Average 663-665(6.99-7.00) Bgrd 659(6.96)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 180

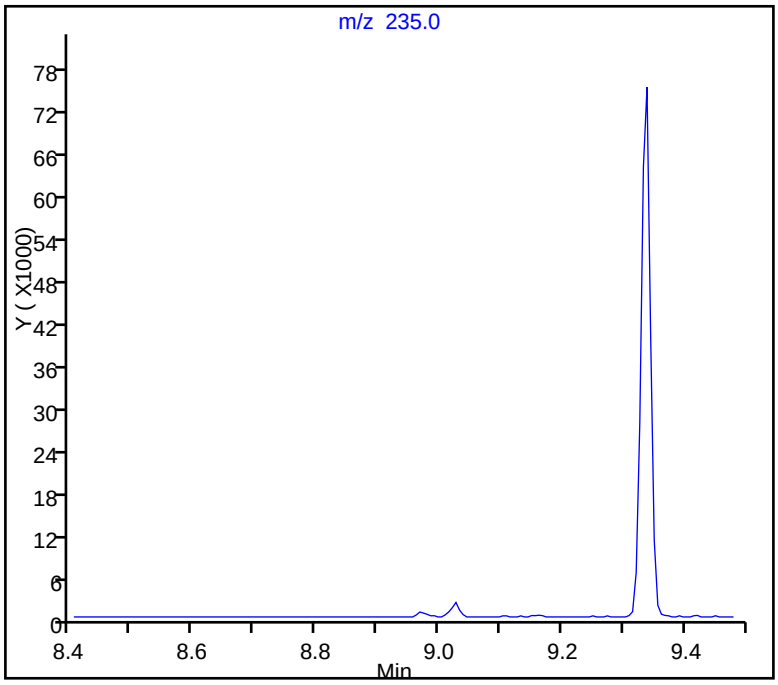
m/z	Y	m/z	Y	m/z	Y	m/z	Y
91.00	258	156.00	604	222.00	92	402.00	61
92.00	185	157.00	54	223.00	501	403.00	257
93.00	1474	158.00	54	224.00	3798	421.00	166
96.00	51	160.00	163	225.00	940	422.00	135
98.00	1153	161.00	346	226.00	55	423.00	1376
99.00	1042	165.00	315	227.00	1468	424.00	335
101.00	644	166.00	183	228.00	241	439.00	107
103.00	182	167.00	1351	229.00	327	440.00	94
104.00	370	168.00	588	231.00	52	441.00	3815
105.00	463	169.00	122	234.00	56	442.00	22832
106.00	57	172.00	64	235.00	145	443.00	4119
107.00	4258	173.00	136	237.00	137	444.00	331

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D
Injection Date: 27-May-2015 16:54:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 80423
114 4,4'-DDD, Area = 2006
115 4,4'-DDE, Area = 0

%Breakdown: 2.43%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

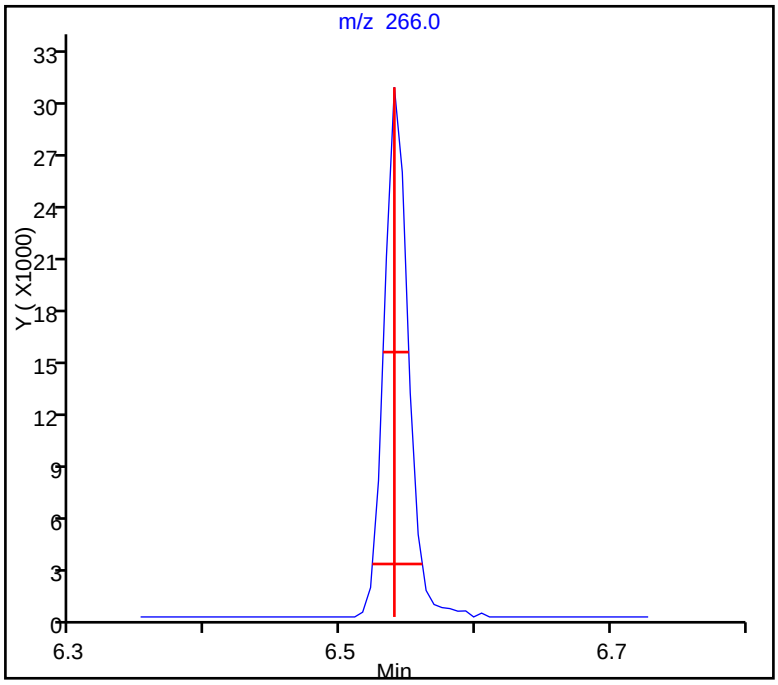
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D
Injection Date: 27-May-2015 16:54:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

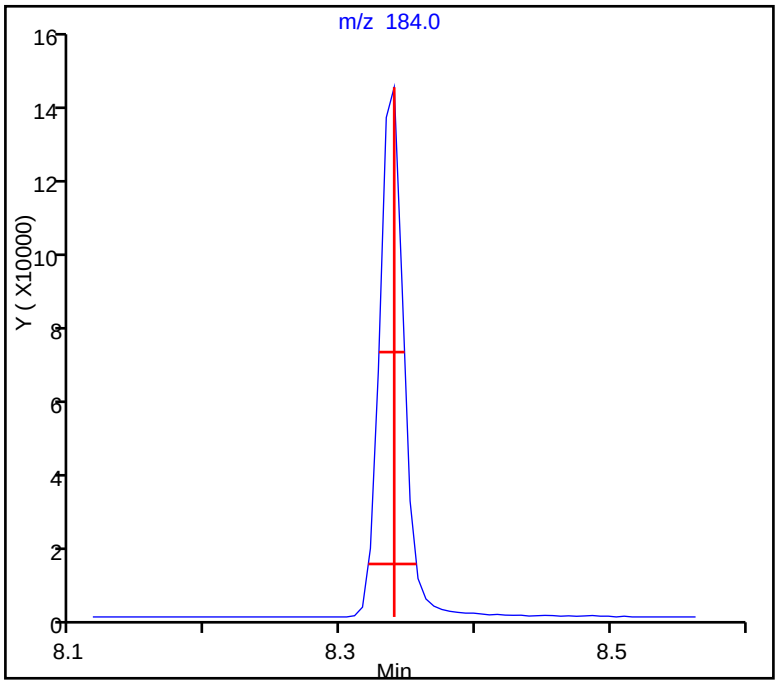
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150527-27858.b\C16557.D
Injection Date: 27-May-2015 16:54:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 28-May-2015 08:00:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027900-001
Misc. Info.: DFTPP
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 11:52:57 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: szczecha Date: 28-May-2015 11:52:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
80 Pentachlorophenol_T	266	6.522	6.522	0.000	92	31547	NR	NR	7
89 Benzidine_T	184	8.316	8.316	0.000	99	233422	NR	NR	7
120 DFTPP									
114 4,4'-DDD	235	9.004	9.004	0.000	96	2108		NR	7
116 4,4'-DDT	235	9.316	9.316	0.000	98	101712	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

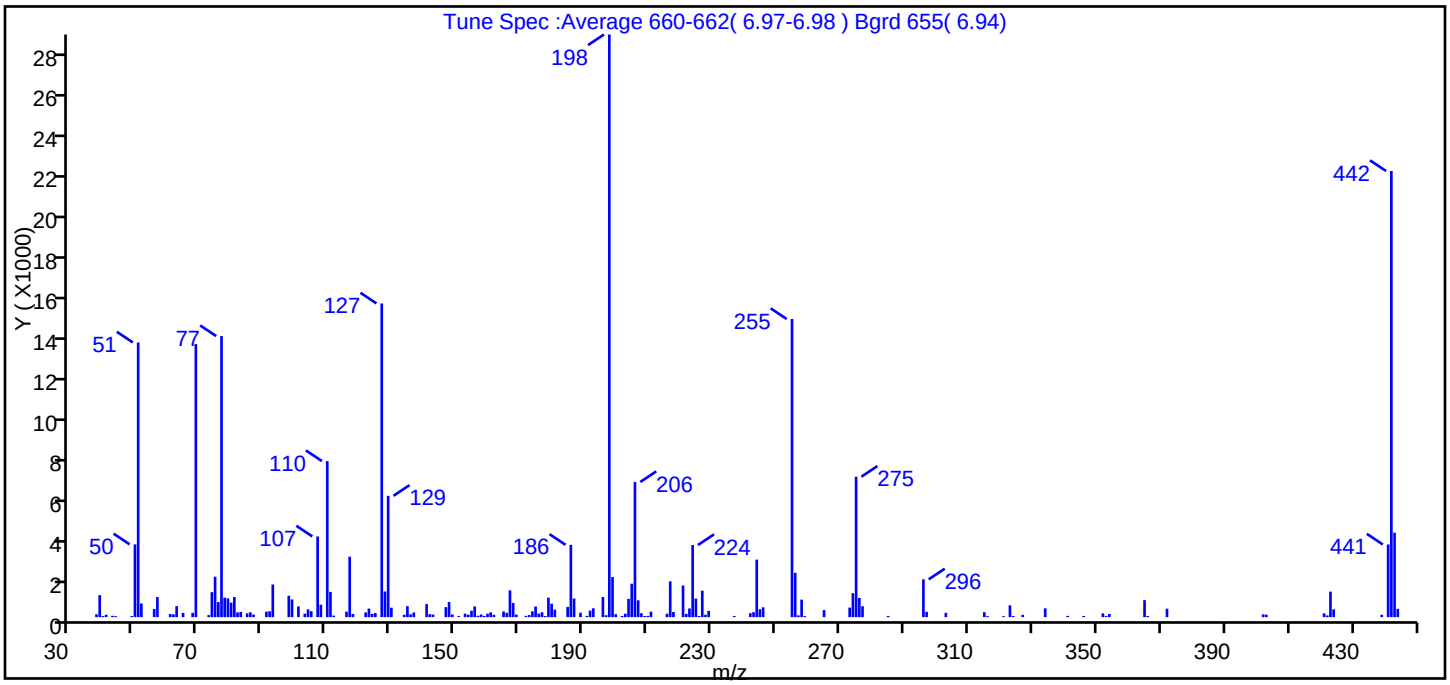
SMDFTP_CH_00010 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D
Injection Date: 28-May-2015 08:00:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

120 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	47.1
68	<2% of mass 69	0.7 (1.6)
69	Present	46.9
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	53.8
197	<1% of mass 198	0.3
199	5-9% of mass 198	6.9
275	10-30% of mass 198	24.1
365	>1% of mass 198	2.9
441	Present but less than mass 443	12.5 (86.0)
442	>40% of mass 198	76.6
443	17-23% of mass 442	14.5 (18.9)

Report Date: 28-May-2015 11:52:58 Chrom Revision: 2.2 14-May-2015 11:41:56

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D\8270LVI_R13.rslt\spectra.d
Injection Date: 28-May-2015 08:00:30
Spectrum: Tune Spec :Average 660-662(6.97-6.98) Bgrd 655(6.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 174

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	143	111.00	1246	177.00	242	246.00	487
39.00	1086	112.00	77	178.00	54	255.00	14712
40.00	53	116.00	272	179.00	964	256.00	2185
41.00	119	117.00	2985	180.00	662	257.00	87
43.00	65	118.00	158	181.00	371	258.00	864
44.00	50	122.00	234	185.00	505	259.00	53
49.00	52	123.00	423	186.00	3568	265.00	347
50.00	3591	124.00	163	187.00	918	273.00	471
51.00	13555	125.00	201	189.00	220	274.00	1182
52.00	675	127.00	15481	191.00	62	275.00	6930
56.00	404	128.00	1266	192.00	323	276.00	947
57.00	992	129.00	5988	193.00	436	277.00	537
61.00	154	130.00	467	196.00	992	285.00	56
62.00	138	134.00	119	197.00	96	296.00	1866
63.00	542	135.00	541	198.00	28752	297.00	261
65.00	209	136.00	139	199.00	1980	303.00	211
68.00	210	137.00	232	200.00	145	315.00	244
69.00	13477	141.00	643	202.00	57	316.00	51
73.00	101	142.00	147	203.00	169	321.00	50
74.00	1231	143.00	128	204.00	902	323.00	583
75.00	1995	147.00	494	205.00	1650	324.00	56
76.00	745	148.00	747	206.00	6669	327.00	113
77.00	13869	149.00	132	207.00	831	334.00	434
78.00	961	151.00	52	208.00	194	341.00	61
79.00	926	153.00	169	209.00	53	346.00	59
80.00	717	154.00	117	210.00	60	352.00	190
81.00	994	155.00	320	211.00	270	353.00	54
82.00	232	156.00	529	216.00	168	354.00	156
83.00	260	157.00	67	217.00	1766	365.00	840
85.00	187	158.00	130	218.00	258	366.00	58
86.00	241	159.00	57	221.00	1564	372.00	417
87.00	128	160.00	171	222.00	163	402.00	138
91.00	268	161.00	236	223.00	429	403.00	123

Report Date: 28-May-2015 11:52:58 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D\8270LVI_R13.rslt\spectra.d
Injection Date: 28-May-2015 08:00:30
Spectrum: Tune Spec :Average 660-662(6.97-6.98) Bgrd 655(6.94)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 174

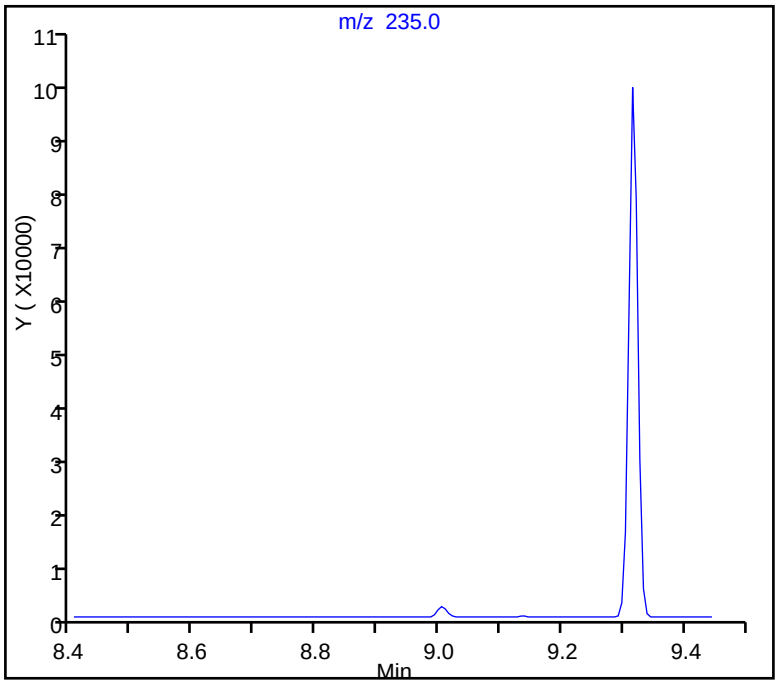
m/z	Y	m/z	Y	m/z	Y	m/z	Y
92.00	293	162.00	116	224.00	3560	421.00	189
93.00	1613	165.00	282	225.00	913	422.00	84
98.00	1058	166.00	215	226.00	56	423.00	1259
99.00	872	167.00	1323	227.00	1308	424.00	385
101.00	529	168.00	701	228.00	119	439.00	114
103.00	171	169.00	126	229.00	309	441.00	3586
104.00	380	172.00	62	237.00	55	442.00	22016
105.00	294	173.00	103	242.00	192	443.00	4168
107.00	3983	174.00	288	243.00	247	444.00	409
108.00	613	175.00	526	244.00	2839		
110.00	7701	176.00	176	245.00	390		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D				
Injection Date:	28-May-2015 08:00:30	Instrument ID:	CBNAMS13		
Lims ID:	dftpp				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

116 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

116 4,4'-DDT, Area = 101712
114 4,4'-DDD, Area = 2108
115 4,4'-DDE, Area = 0

%Breakdown: 2.03%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

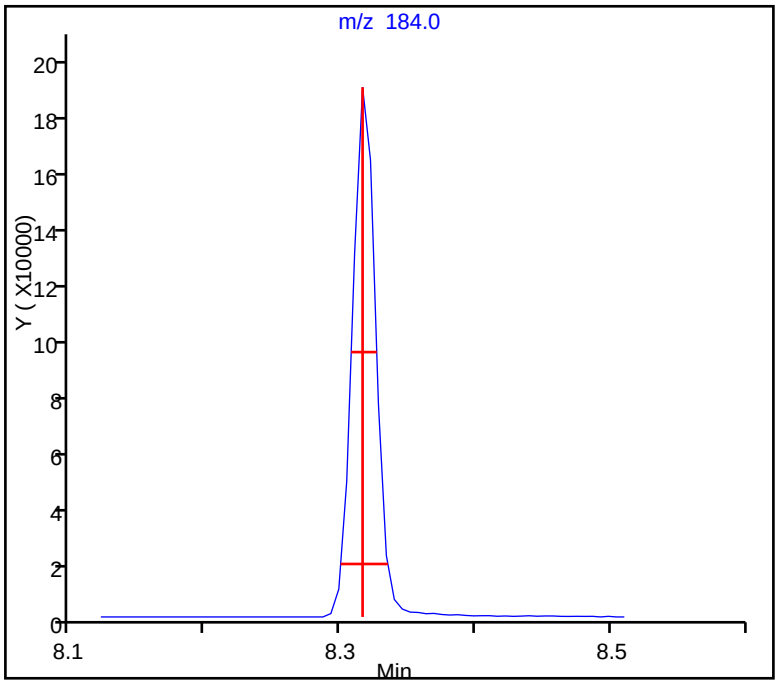
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D
Injection Date: 28-May-2015 08:00:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

89 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

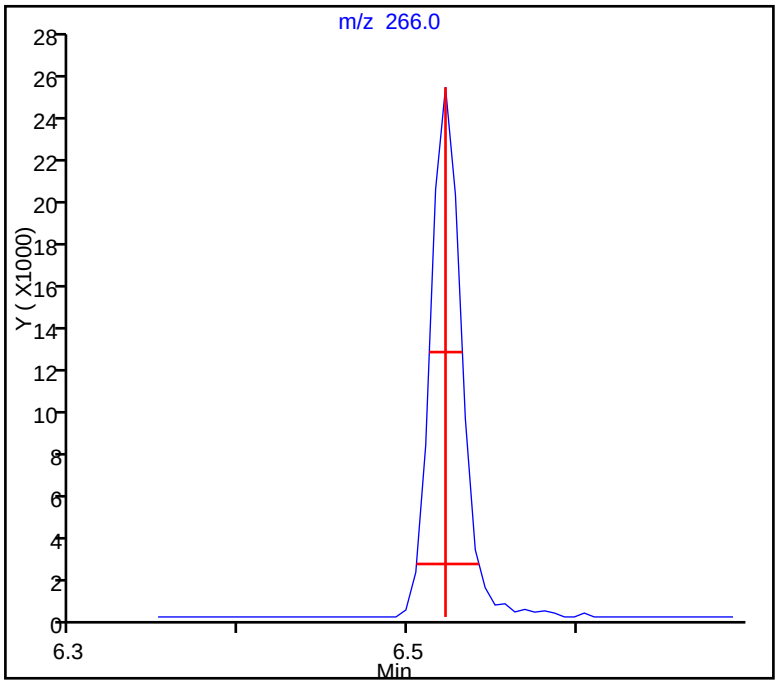
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16585.D
Injection Date: 28-May-2015 08:00:30 Instrument ID: CBNAMS13
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

80 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 10-May-2015 03:12:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027215-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 11-May-2015 11:59:25 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK017

First Level Reviewer: szczecha Date: 11-May-2015 11:38:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.316	5.316	0.000	91	83085	NR	NR	7
55 Benzidine_T	184	7.140	7.140	0.000	98	362007	NR	NR	7
124 DFTPP									
125 4,4'-DDE	246	7.806	7.806	0.000	1	0		NR	7
126 4,4'-DDD	235	7.816	7.816	0.000	24	3992		NR	7
127 4,4'-DDT	235	8.134	8.134	0.000	95	185209	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

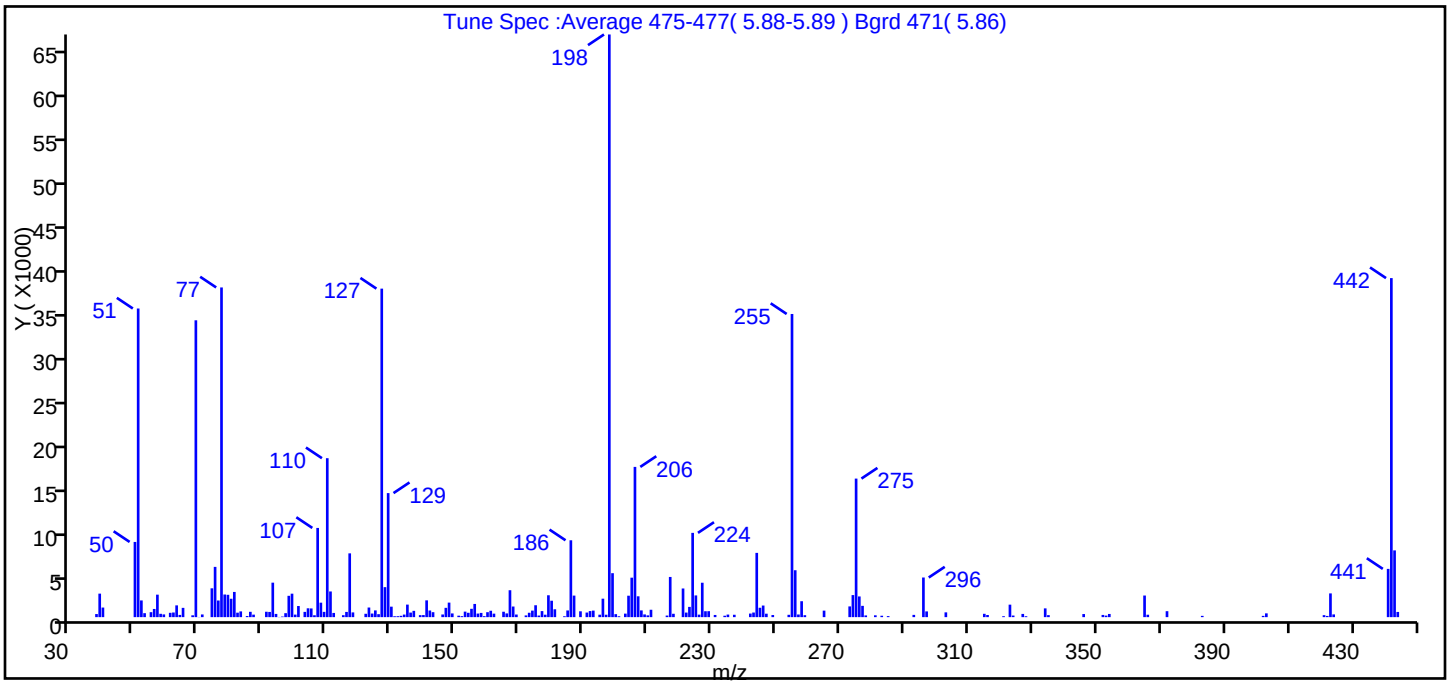
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D
Injection Date: 10-May-2015 03:12:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.0
68	<2% of mass 69	0.3 (0.6)
69	Present	50.9
70	<2% of mass 69	0.0 (0.1)
127	40-60% of mass 198	56.4
197	<1% of mass 198	0.4
199	5-9% of mass 198	7.5
275	10-30% of mass 198	23.8
365	>1% of mass 198	3.7
441	Present but less than mass 443	8.3 (72.3)
442	>40% of mass 198	58.2
443	17-23% of mass 442	11.5 (19.7)

Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D\8270_5R.rslt\spectra.d
Injection Date: 10-May-2015 03:12:30
Spectrum: Tune Spec :Average 475-477(5.88-5.89) Bgrd 471(5.86)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 205

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	353	110.00	18112	175.00	1355	247.00	392
39.00	2679	111.00	2926	176.00	182	249.00	240
40.00	1093	112.00	479	177.00	689	254.00	267
50.00	8569	115.00	222	178.00	277	255.00	34544
51.00	35168	116.00	594	179.00	2493	256.00	5345
52.00	1904	117.00	7268	180.00	1871	257.00	301
53.00	452	118.00	540	181.00	896	258.00	1815
55.00	566	122.00	383	184.00	100	259.00	222
56.00	933	123.00	1096	185.00	763	265.00	742
57.00	2562	124.00	410	186.00	8758	273.00	1223
58.00	380	125.00	766	187.00	2455	274.00	2514
59.00	312	126.00	338	189.00	665	275.00	15787
61.00	493	127.00	37432	191.00	523	276.00	2358
62.00	529	128.00	3417	192.00	692	277.00	1286
63.00	1342	129.00	14134	193.00	744	278.00	196
64.00	254	130.00	1194	195.00	279	281.00	209
65.00	1058	131.00	100	196.00	2104	283.00	160
68.00	209	132.00	107	197.00	276	285.00	118
69.00	33824	133.00	152	198.00	66392	293.00	258
70.00	19	134.00	293	199.00	5009	296.00	4517
71.00	307	135.00	1429	200.00	340	297.00	654
74.00	3285	136.00	519	201.00	102	303.00	546
75.00	5727	137.00	717	203.00	401	315.00	380
76.00	1896	139.00	229	204.00	2443	316.00	245
77.00	37568	140.00	237	205.00	4497	321.00	105
78.00	2580	141.00	1913	206.00	17120	323.00	1423
79.00	2545	142.00	756	207.00	2375	324.00	181
80.00	2096	143.00	565	208.00	768	327.00	367
81.00	2872	146.00	304	209.00	311	328.00	101
82.00	508	147.00	1061	210.00	202	334.00	999
83.00	656	148.00	1656	211.00	842	335.00	228
85.00	125	149.00	423	216.00	180	346.00	353
86.00	608	151.00	167	217.00	4580	352.00	251

Report Date: 11-May-2015 11:59:28 Chrom Revision: 2.2 07-Apr-2015 13:11:02
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D\8270_5R.rslt\spectra.d
Injection Date: 10-May-2015 03:12:30
Spectrum: Tune Spec :Average 475-477(5.88-5.89) Bgrd 471(5.86)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 205

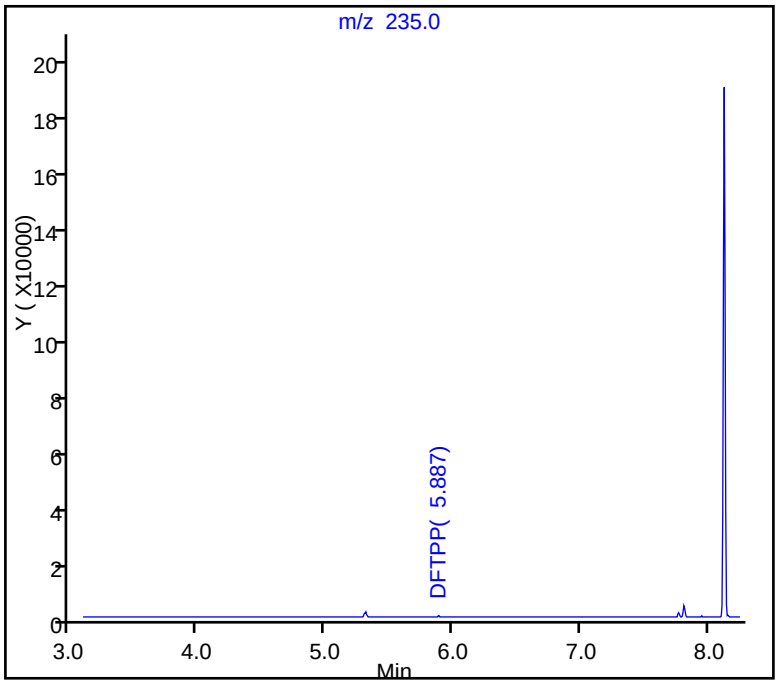
m/z	Y	m/z	Y	m/z	Y	m/z	Y
87.00	285	152.00	112	218.00	384	353.00	175
91.00	615	153.00	629	221.00	3265	354.00	363
92.00	593	154.00	496	222.00	521	365.00	2463
93.00	3929	155.00	950	223.00	1168	366.00	275
94.00	367	156.00	1504	224.00	9603	372.00	679
95.00	20	157.00	407	225.00	2475	383.00	147
96.00	67	158.00	483	226.00	285	402.00	146
97.00	453	159.00	109	227.00	3921	403.00	432
98.00	2431	160.00	563	228.00	673	421.00	226
99.00	2674	161.00	729	229.00	679	422.00	138
100.00	289	162.00	397	231.00	248	423.00	2705
101.00	1268	165.00	617	234.00	161	424.00	312
103.00	600	166.00	425	235.00	292	441.00	5498
104.00	1008	167.00	3067	237.00	271	442.00	38632
105.00	992	168.00	1210	242.00	407	443.00	7606
106.00	215	169.00	297	243.00	525	444.00	593
107.00	10165	172.00	196	244.00	7322		
108.00	1649	173.00	499	245.00	1069		
109.00	601	174.00	743	246.00	1322		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D		
Injection Date:	10-May-2015 03:12:30	Instrument ID:	CBNAMS5
Lims ID:	dftpp		
Client ID:			
Operator ID:		ALS Bottle#:	1 Worklist Smp#: 1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 185209
126 4,4'-DDD, Area = 3992
125 4,4'-DDE, Area = 0

%Breakdown: 2.11%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

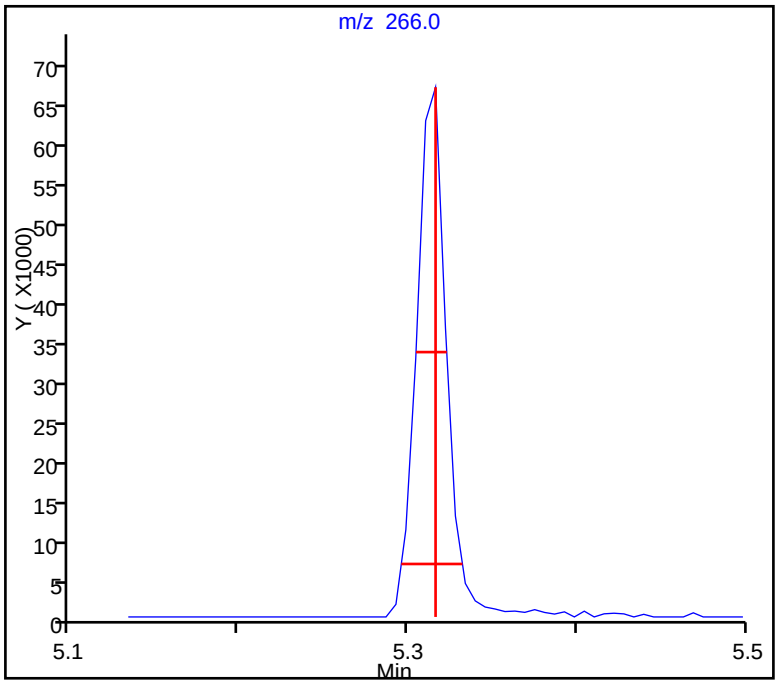
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D
Injection Date: 10-May-2015 03:12:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.020 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

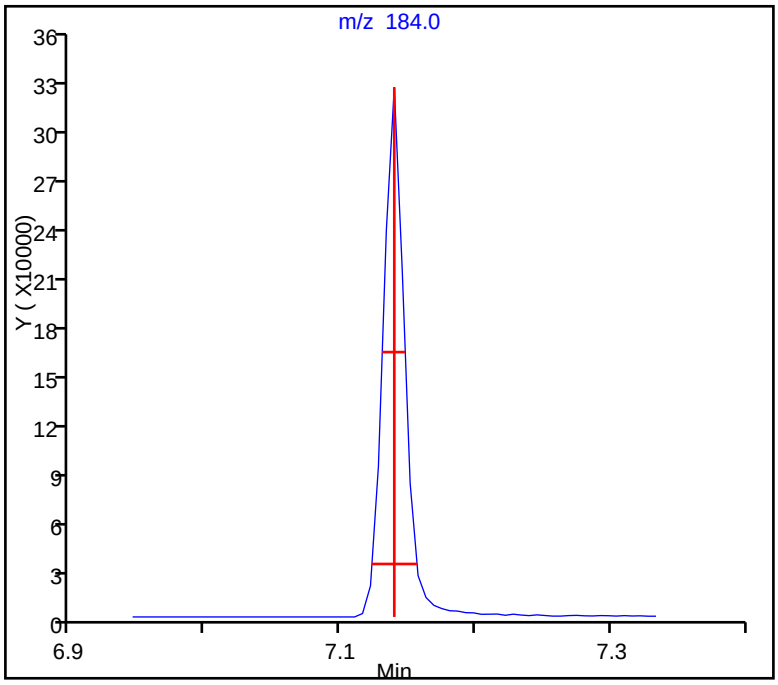
Data File: \\ChromNA\g2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1952.D
Injection Date: 10-May-2015 03:12:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 27-May-2015 01:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:41:56 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:41:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.010	5.010	0.000	91	66844	NR	NR	7
55 Benzidine_T	184	6.828	6.828	0.000	99	656836	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	7.498	7.498	0.000	94	8013		NR	7
125 4,4'-DDE	246	7.816	7.816	0.000	54	17690		NR	7
127 4,4'-DDT	235	7.816	7.816	0.000	98	309445	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

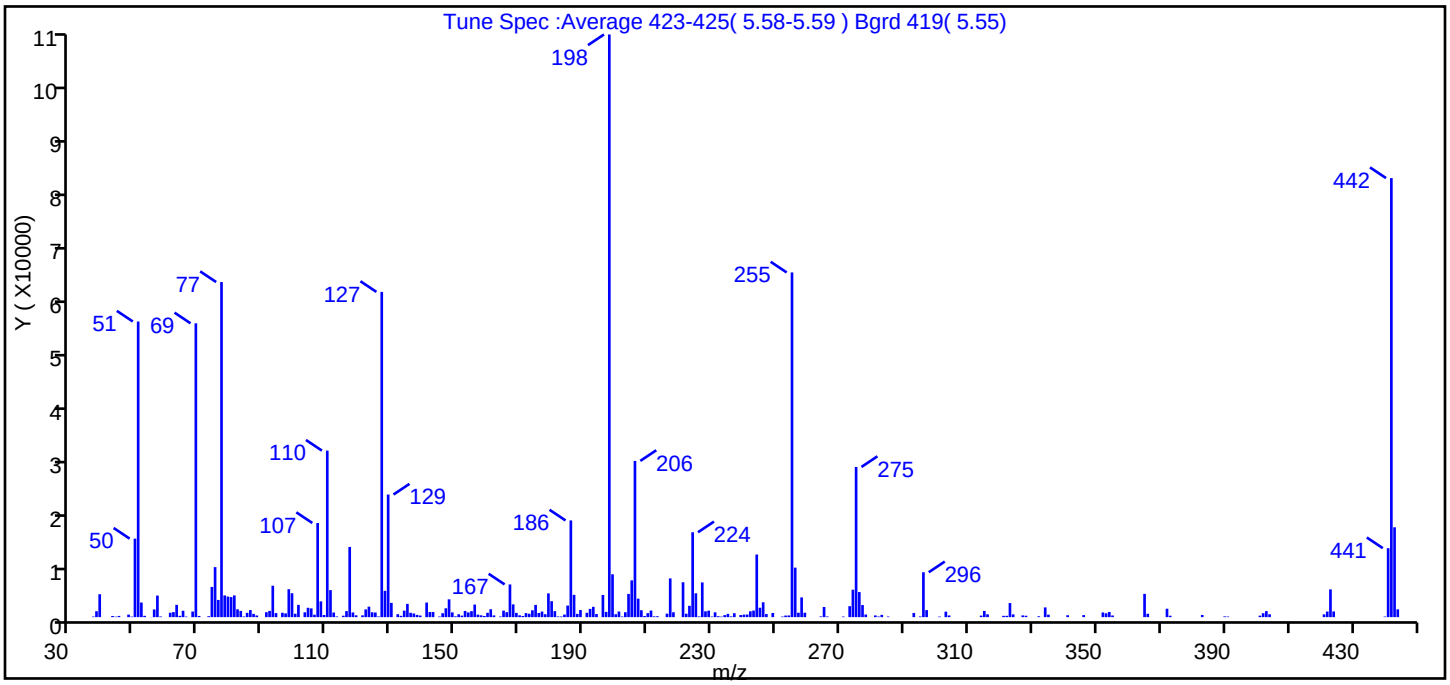
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D
Injection Date: 27-May-2015 01:57:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	50.7
68	<2% of mass 69	1.0 (1.9)
69	Present	50.4
70	<2% of mass 69	0.2 (0.4)
127	40-60% of mass 198	55.8
197	<1% of mass 198	0.9
199	5-9% of mass 198	7.4
275	10-30% of mass 198	25.8
365	>1% of mass 198	4.0
441	Present but less than mass 443	11.8 (76.8)
442	>40% of mass 198	75.4
443	17-23% of mass 442	15.4 (20.5)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D\8270_5R.rslt\spectra.d
Injection Date: 27-May-2015 01:57:30
Spectrum: Tune Spec :Average 423-425(5.58-5.59) Bgrd 419(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 251

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	110	116.00	1132	184.00	481	257.00	833
38.00	1111	117.00	13164	185.00	2167	258.00	3701
39.00	4296	118.00	881	186.00	18128	259.00	828
43.00	213	119.00	344	187.00	4179	264.00	134
44.00	89	121.00	336	188.00	609	265.00	1901
45.00	229	122.00	1444	189.00	1337	266.00	123
48.00	474	123.00	1964	191.00	813	271.00	110
49.00	98	124.00	915	192.00	1545	273.00	2056
50.00	14717	125.00	870	193.00	1933	274.00	5139
51.00	55416	126.00	120	194.00	583	275.00	28152
52.00	2734	127.00	60968	196.00	4160	276.00	4703
53.00	246	128.00	4929	197.00	979	277.00	2269
55.00	26	129.00	22984	198.00	109224	278.00	495
56.00	1441	130.00	2678	199.00	8033	281.00	324
57.00	4048	132.00	551	200.00	543	282.00	117
58.00	124	133.00	250	201.00	1055	283.00	424
61.00	821	134.00	1213	202.00	113	285.00	111
62.00	946	135.00	2490	203.00	923	293.00	779
63.00	2307	136.00	813	204.00	4354	295.00	126
64.00	247	137.00	688	205.00	6892	296.00	8415
65.00	1199	138.00	421	206.00	29288	297.00	1321
66.00	102	139.00	303	207.00	3464	301.00	107
68.00	1047	141.00	2730	208.00	1292	303.00	1029
69.00	55080	142.00	958	209.00	208	304.00	317
70.00	224	143.00	963	210.00	753	314.00	287
73.00	174	145.00	112	211.00	1236	315.00	1168
74.00	5660	146.00	733	212.00	145	316.00	531
75.00	9383	147.00	1662	213.00	168	321.00	248
76.00	3225	148.00	3341	216.00	652	322.00	247
77.00	62816	149.00	893	217.00	7259	323.00	2640
78.00	4070	150.00	146	218.00	913	324.00	522
79.00	3851	151.00	542	221.00	6539	327.00	327
80.00	3759	152.00	286	222.00	640	328.00	265

Report Date: 27-May-2015 13:41:56 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D\8270_5R.rslt\spectra.d
Injection Date: 27-May-2015 01:57:30
Spectrum: Tune Spec :Average 423-425(5.58-5.59) Bgrd 419(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 251

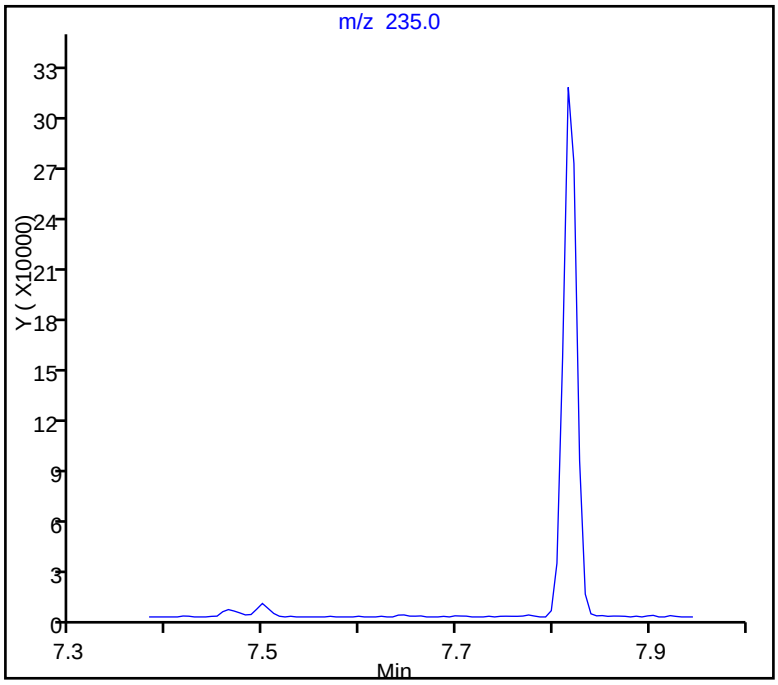
m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	4071	153.00	1164	223.00	2128	332.00	162
82.00	1468	154.00	886	224.00	15913	334.00	1826
83.00	1168	155.00	1123	225.00	4473	335.00	462
84.00	124	156.00	2357	226.00	130	341.00	357
85.00	809	157.00	470	227.00	6508	346.00	385
86.00	1322	158.00	340	228.00	1097	352.00	878
87.00	616	159.00	214	229.00	1214	353.00	730
88.00	315	160.00	815	230.00	105	354.00	972
91.00	925	161.00	1484	231.00	907	355.00	310
92.00	1167	162.00	322	232.00	173	365.00	4364
93.00	5887	164.00	112	233.00	100	366.00	633
94.00	762	165.00	1213	234.00	379	372.00	1578
96.00	822	166.00	932	235.00	613	373.00	266
97.00	707	167.00	6131	236.00	139	383.00	411
98.00	5237	168.00	2395	237.00	733	390.00	139
99.00	4481	169.00	802	239.00	391	391.00	108
100.00	629	170.00	350	240.00	475	401.00	276
101.00	2300	171.00	215	241.00	492	402.00	733
103.00	910	172.00	750	242.00	1100	403.00	1130
104.00	1755	173.00	637	243.00	1236	404.00	538
105.00	1643	174.00	1288	244.00	11737	421.00	525
106.00	453	175.00	2291	245.00	1761	422.00	1047
107.00	17648	176.00	781	246.00	2789	423.00	5203
108.00	2958	177.00	1051	247.00	578	424.00	1071
109.00	406	178.00	547	249.00	785	440.00	108
110.00	31216	179.00	4454	252.00	109	441.00	12931
111.00	5066	180.00	2993	253.00	300	442.00	82304
112.00	867	181.00	1127	254.00	312	443.00	16848
113.00	123	182.00	124	255.00	64616	444.00	1467
115.00	269	183.00	117	256.00	9280		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D				
Injection Date:	27-May-2015 01:57:30	Instrument ID:	CBNAMS5		
Lims ID:	dftpp				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 309445
126 4,4'-DDD, Area = 8013
125 4,4'-DDE, Area = 17690

%Breakdown: 7.67%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

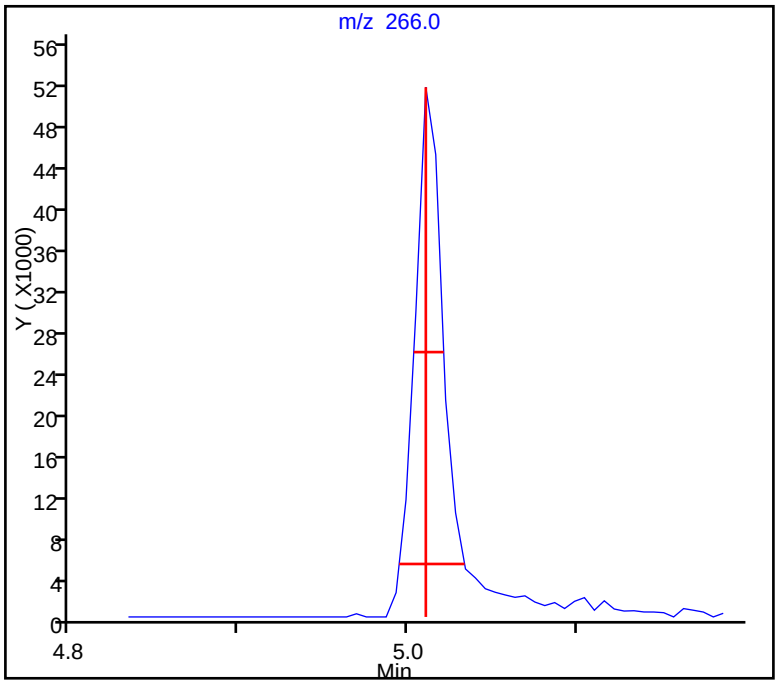
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D
Injection Date: 27-May-2015 01:57:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.5, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

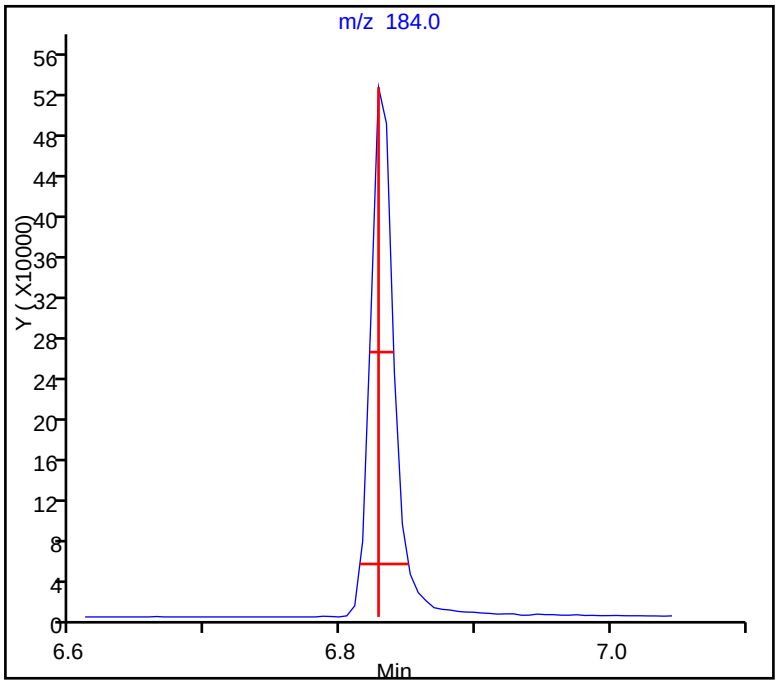
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2605.D
Injection Date: 27-May-2015 01:57:30 Instrument ID: CBNAMS5
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270D ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.6, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300093/1-A

Matrix: Water | Lab File ID: C16518.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/21/2015 12:57

Sample wt/vol: 250(mL) | Date Analyzed: 05/26/2015 13:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300751 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	10	U	10	1.1
208-96-8	Acenaphthylene	10	U	10	1.8
120-12-7	Anthracene	10	U	10	0.85
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.18
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.21
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.14
218-01-9	Chrysene	2.0	U	2.0	1.4
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
206-44-0	Fluoranthene	10	U	10	1.1
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.16
86-73-7	Fluorene	10	U	10	1.7
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.93
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.11
91-20-3	Naphthalene	10	U	10	2.0
85-01-8	Phenanthrene	10	U	10	1.2
129-00-0	Pyrene	10	U	10	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	89		60-114
118-79-6	2,4,6-Tribromophenol (Surr)	83		51-126
4165-62-2	Phenol-d5 (Surr)	33		4-86
367-12-4	2-Fluorophenol (Surr)	48		15-96
321-60-8	2-Fluorobiphenyl	90		50-120
1718-51-0	Terphenyl-d14 (Surr)	82		72-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16518.D
Lims ID: MB 460-300093/1-A
Client ID:
Sample Type: MB
Inject. Date: 26-May-2015 13:20:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027783-014
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 14:11:35 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: bayoumiw Date: 26-May-2015 14:11:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	4.122	4.122	0.000	94	832785	10.0	4.76	
$ 6 Phenol-d5	99	4.975	4.981	-0.006	89	686108	10.0	3.30	
* 13 1,4-Dichlorobenzene-d4	152	5.398	5.398	0.000	97	1008615	8.00	8.00	
126 N-Methylaniline	106	5.775	5.769	0.006	41	850		NC	
$ 25 Nitrobenzene-d5	82	5.940	5.946	-0.006	92	1736821	10.0	8.89	
* 35 Naphthalene-d8	136	6.687	6.687	0.000	100	3826728	8.00	8.00	
$ 48 2-Fluorobiphenyl	172	7.757	7.757	0.000	98	2730596	10.0	9.03	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	94	1657320	8.00	8.00	
$ 76 2,4,6-Tribromophenol	330	9.269	9.275	-0.006	93	259356	10.0	8.26	
* 83 Phenanthrene-d10	188	9.980	9.980	0.000	99	1728837	8.00	8.00	
$ 91 Terphenyl-d14	244	11.721	11.722	-0.001	98	1051622	10.0	8.20	
* 96 Chrysene-d12	240	13.280	13.280	0.000	98	711309	8.00	8.00	
* 103 Perylene-d12	264	15.639	15.639	0.000	97	638401	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072 Amount Added: 20.00 Units: uL Run Reagent

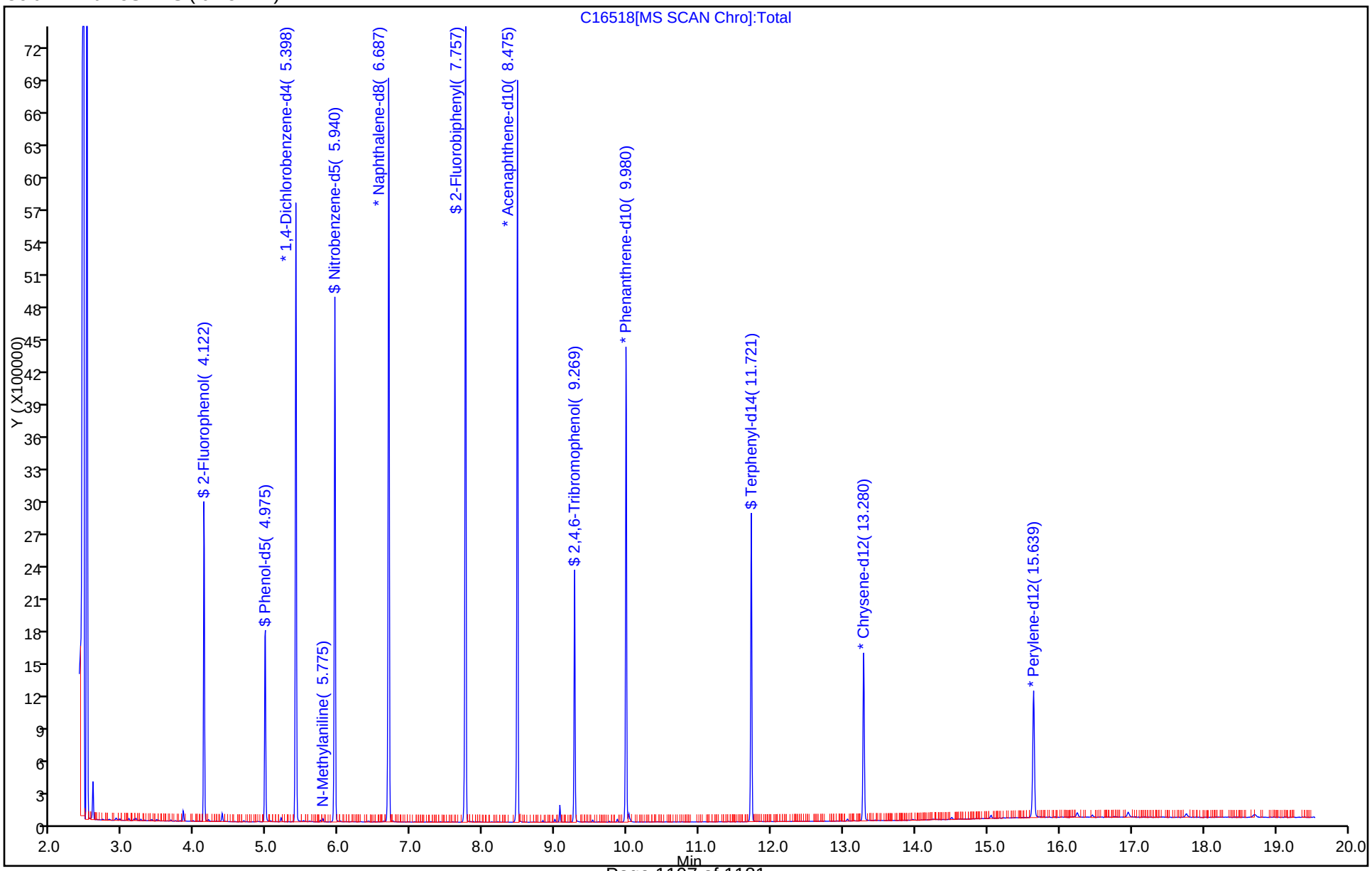
Report Date: 26-May-2015 14:11:36 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16518.D

Injection Date:	26-May-2015 13:20:30	Instrument ID:	CBNAMS13	Operator ID:	
Lims ID:	MB 460-300093/1-A			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R13	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300363/1-A

Matrix: Solid | Lab File ID: L121829.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 15.0263(g) | Date Analyzed: 05/24/2015 11:47

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	330	U	330	8.0
208-96-8	Acenaphthylene	330	U	330	8.5
120-12-7	Anthracene	330	U	330	31
56-55-3	Benzo[a]anthracene	33	U	33	28
205-99-2	Benzo[b]fluoranthene	33	U	33	13
207-08-9	Benzo[k]fluoranthene	33	U	33	14
218-01-9	Chrysene	330	U	330	9.0
50-32-8	Benzo[a]pyrene	33	U	33	10
206-44-0	Fluoranthene	330	U	330	9.8
53-70-3	Dibenz(a,h)anthracene	33	U	33	17
86-73-7	Fluorene	330	U	330	7.2
191-24-2	Benzo[g,h,i]perylene	330	U	330	19
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	22
91-20-3	Naphthalene	330	U	330	8.4
85-01-8	Phenanthrene	330	U	330	8.8
129-00-0	Pyrene	330	U	330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	87		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-120
4165-62-2	Phenol-d5 (Surr)	85		41-118
367-12-4	2-Fluorophenol (Surr)	82		37-125
321-60-8	2-Fluorobiphenyl	76		40-109
1718-51-0	Terphenyl-d14 (Surr)	106		16-151

Report Date: 25-May-2015 13:11:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121829.D
Lims ID: MB 460-300363/1-A
Client ID:
Sample Type: MB
Inject. Date: 24-May-2015 11:47:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-008
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 25-May-2015 13:11:53 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: bayoumiw Date: 25-May-2015 13:11:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.017	3.011	0.006	96	551198	50.0	41.1	
$ 6 Phenol-d5	99	3.935	3.941	-0.006	87	625916	50.0	42.4	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	415049	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.858	4.864	-0.006	88	549851	50.0	43.7	
* 36 Naphthalene-d8	136	5.587	5.593	-0.006	99	1428647	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	1099750	50.0	38.2	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	93	685551	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	180103	50.0	38.4	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	923769	40.0	40.0	
$ 94 Terphenyl-d14	244	10.381	10.381	0.000	99	787304	50.0	53.0	
* 100 Chrysene-d12	240	11.563	11.564	-0.001	99	650691	40.0	40.0	
* 107 Perylene-d12	264	13.469	13.475	-0.006	99	676413	40.0	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 25-May-2015 13:11:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121829.D

Injection Date:	24-May-2015 11:47:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	MB 460-300363/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300368/1-A

Matrix: Solid | Lab File ID: x2608.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0266(g) | Date Analyzed: 05/27/2015 03:30

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	330	U	330	8.0
208-96-8	Acenaphthylene	330	U	330	8.5
120-12-7	Anthracene	330	U	330	31
56-55-3	Benzo[a]anthracene	33	U	33	28
205-99-2	Benzo[b]fluoranthene	33	U	33	13
207-08-9	Benzo[k]fluoranthene	33	U	33	14
218-01-9	Chrysene	330	U	330	9.0
50-32-8	Benzo[a]pyrene	33	U	33	10
206-44-0	Fluoranthene	330	U	330	9.8
53-70-3	Dibenz(a,h)anthracene	33	U	33	17
86-73-7	Fluorene	330	U	330	7.2
191-24-2	Benzo[g,h,i]perylene	330	U	330	19
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	22
91-20-3	Naphthalene	330	U	330	8.4
85-01-8	Phenanthrene	330	U	330	8.8
129-00-0	Pyrene	330	U	330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	82		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	105		10-120
4165-62-2	Phenol-d5 (Surr)	84		41-118
367-12-4	2-Fluorophenol (Surr)	80		37-125
321-60-8	2-Fluorobiphenyl	78		40-109
1718-51-0	Terphenyl-d14 (Surr)	101		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2608.D
Lims ID: MB 460-300368/1-A
Client ID:
Sample Type: MB
Inject. Date: 27-May-2015 03:30:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-004
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:47:00 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 13:46:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.013	3.002	0.011	93	1003394	50.0	40.1	
$ 6 Phenol-d5	99	3.919	3.937	-0.018	87	1265100	50.0	42.1	
* 14 1,4-Dichlorobenzene-d4	152	4.260	4.266	-0.006	98	675782	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.819	4.831	-0.012	89	1182657	50.0	41.0	
* 38 Naphthalene-d8	136	5.542	5.542	0.000	100	2603223	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	2032446	50.0	39.0	
62 1-Naphthylamine	143	7.295	7.228	0.067	43	223		NC	
63 2-Naphthylamine	143	7.295	7.228	0.067	42	223		NC	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	93	1372306	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.078	8.084	-0.006	94	243592	50.0	52.4	
* 88 Phenanthrene-d10	188	8.766	8.760	0.006	99	1873153	40.0	40.0	
$ 96 Terphenyl-d14	244	10.342	10.330	0.012	99	1523699	50.0	50.3	
* 102 Chrysene-d12	240	11.518	11.513	0.005	99	1000379	40.0	40.0	
* 109 Perylene-d12	264	13.424	13.413	0.011	98	620331	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

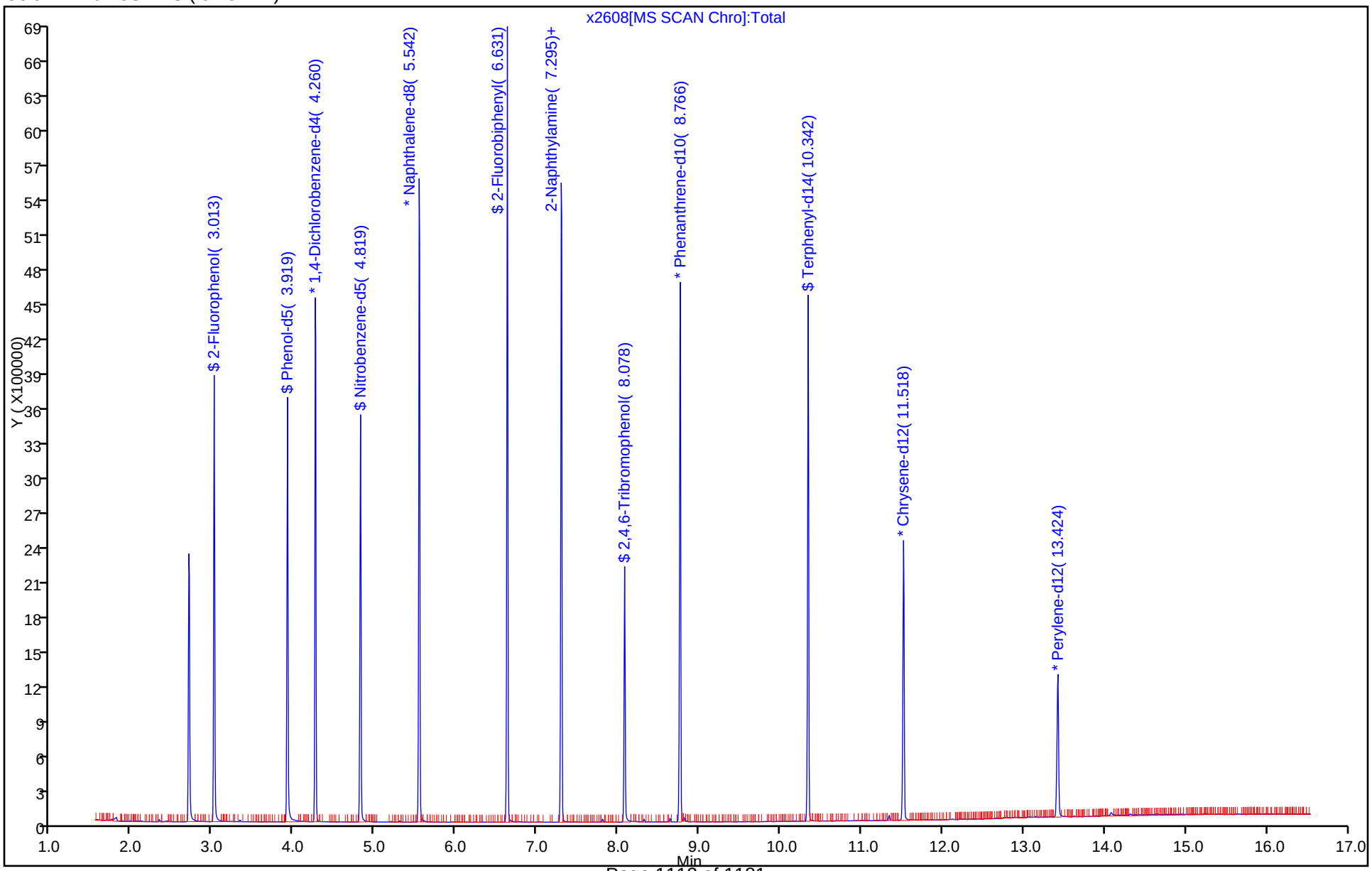
Report Date: 27-May-2015 13:47:00 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2608.D

Injection Date:	27-May-2015 03:30:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	MB 460-300368/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300093/2-A

Matrix: Water | Lab File ID: C16524.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/21/2015 12:57

Sample wt/vol: 250(mL) | Date Analyzed: 05/26/2015 16:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300751 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	67.7		10	1.1
208-96-8	Acenaphthylene	65.4		10	1.8
120-12-7	Anthracene	72.2		10	0.85
56-55-3	Benzo[a]anthracene	74.9		1.0	0.18
205-99-2	Benzo[b]fluoranthene	84.9		1.0	0.21
207-08-9	Benzo[k]fluoranthene	73.2		1.0	0.14
218-01-9	Chrysene	73.9		2.0	1.4
50-32-8	Benzo[a]pyrene	78.9		1.0	0.14
206-44-0	Fluoranthene	73.0		10	1.1
53-70-3	Dibenz(a,h)anthracene	79.9		1.0	0.16
86-73-7	Fluorene	65.2		10	1.7
191-24-2	Benzo[g,h,i]perylene	79.7		10	0.93
193-39-5	Indeno[1,2,3-cd]pyrene	80.0		1.0	0.11
91-20-3	Naphthalene	56.6		10	2.0
85-01-8	Phenanthrene	73.7		10	1.2
129-00-0	Pyrene	60.3		10	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	78		60-114
118-79-6	2,4,6-Tribromophenol (Surr)	78		51-126
4165-62-2	Phenol-d5 (Surr)	27		4-86
367-12-4	2-Fluorophenol (Surr)	39		15-96
321-60-8	2-Fluorobiphenyl	78		50-120
1718-51-0	Terphenyl-d14 (Surr)	69	*	72-130

Report Date: 26-May-2015 16:49:46 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16524.D
Lims ID: LCS 460-300093/2-A
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 16:07:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027783-020
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 16:49:45 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: szczecha Date: 26-May-2015 16:49:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.716	2.669	0.047	98	401373	10.0	4.54	
2 N-Nitrosodimethylamine	74	2.940	2.905	0.035	82	654309	10.0	4.85	
3 Pyridine	79	3.010	2.969	0.041	85	992381	10.0	4.40	
$ 4 2-Fluorophenol	112	4.128	4.122	0.006	96	798373	10.0	3.93	
$ 6 Phenol-d5	99	4.981	4.981	0.000	93	658659	10.0	2.73	
7 Phenol	94	4.992	4.993	-0.001	99	786772	10.0	3.03	
8 Aniline	93	5.063	5.063	0.000	99	2323013	10.0	6.90	
9 Bis(2-chloroethyl)ether	93	5.092	5.093	-0.001	93	1892823	10.0	7.54	
125 Benzonitrile	103	5.140	5.140	0.000	98	3112538	NC	NC	
11 n-Decane	43	5.198	5.199	-0.001	94	1474167	10.0	4.77	
10 2-Chlorophenol	128	5.198	5.199	-0.001	94	1559208	10.0	7.20	
12 1,3-Dichlorobenzene	146	5.351	5.357	-0.006	96	1397044	10.0	5.82	
* 13 1,4-Dichlorobenzene-d4	152	5.404	5.398	0.006	97	1170232	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.422	5.422	0.000	96	1436825	10.0	5.92	
15 Benzyl alcohol	108	5.504	5.504	0.000	93	934805	10.0	7.67	
16 1,2-Dichlorobenzene	146	5.581	5.581	0.000	95	1382907	10.0	6.15	
17 2-Methylphenol	108	5.598	5.599	-0.001	91	1233353	10.0	6.38	
18 2,2'-oxybis[1-chloropropan	45	5.628	5.634	-0.006	94	2783495	10.0	6.94	
22 3 & 4 Methylphenol	108	5.745	5.746	-0.001	72	1217989	10.0	6.13	
21 4-Methylphenol	108	5.745	5.746	-0.001	94	1212386	10.0	6.12	
20 N-Nitrosodi-n-propylamine	70	5.763	5.763	0.000	91	1163039	10.0	8.23	
126 N-Methylaniline	106	5.775	5.769	0.006	77	2534651	NC	NC	
19 Acetophenone	105	5.787	5.781	0.006	95	2238504	10.0	8.26	
24 Hexachloroethane	117	5.928	5.928	0.000	90	545611	10.0	5.64	
$ 25 Nitrobenzene-d5	82	5.945	5.946	-0.001	89	1678933	10.0	7.82	
27 n,n'-Dimethylaniline	120	5.963	5.963	0.000	94	2636146	10.0	8.24	
26 Nitrobenzene	77	5.963	5.963	0.000	92	2383063	10.0	8.63	
28 Isophorone	82	6.192	6.193	-0.001	99	2751759	10.0	8.24	
30 2,4-Dimethylphenol	122	6.287	6.287	0.000	85	1445462	10.0	7.70	
29 2-Nitrophenol	139	6.287	6.287	0.000	79	890431	10.0	8.94	
32 Benzoic acid	122	6.287	6.351	-0.064	58	1445462	10.0	16.3	
31 Bis(2-chloroethoxy)methane	93	6.375	6.375	0.000	98	1887207	10.0	8.22	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	6.528	6.528	0.000	96	1264034	10.0	8.70	
34 1,2,4-Trichlorobenzene	180	6.622	6.622	0.000	95	1049207	10.0	6.50	
* 35 Naphthalene-d8	136	6.692	6.687	0.005	100	4202570	8.00	8.00	
36 Naphthalene	128	6.716	6.716	0.000	98	4129222	10.0	7.08	
37 4-Chloroaniline	127	6.734	6.734	0.000	96	2529295	10.0	8.11	
38 Hexachlorobutadiene	225	6.828	6.828	0.000	93	513150	10.0	6.14	
40 4-Chloro-3-methylphenol	107	7.198	7.198	0.000	97	1068268	10.0	7.71	
41 2-Methylnaphthalene	142	7.410	7.410	0.000	86	2490485	10.0	6.97	
42 1-Methylnaphthalene	142	7.516	7.510	0.006	93	2167616	10.0	6.53	
45 2-tertbutyl-4-methylphenol	149	7.545	7.545	0.000	91	1933400	10.0	8.42	
43 Hexachlorocyclopentadiene	237	7.575	7.575	0.000	96	533840	10.0	6.80	
44 1,2,4,5-Tetrachlorobenzene	216	7.581	7.581	0.000	95	975320	10.0	7.83	
46 2,4,6-Trichlorophenol	196	7.681	7.681	0.000	87	743594	10.0	9.43	
47 2,4,5-Trichlorophenol	196	7.722	7.722	0.000	95	768255	10.0	9.01	
$ 48 2-Fluorobiphenyl	172	7.757	7.757	0.000	97	2403342	10.0	7.78	
49 1,1'-Biphenyl	154	7.869	7.869	0.000	96	2853822	10.0	8.02	
50 2-Chloronaphthalene	162	7.910	7.910	0.000	96	2154407	10.0	7.77	
53 Phenyl ether	170	7.963	7.963	0.000	86	1430899	10.0	7.99	
54 2-Nitroaniline	65	7.986	7.981	0.005	97	800044	10.0	8.58	
55 1,3-Dimethylnaphthalene	156	8.122	8.122	0.000	91	1727656	10.0	7.80	
56 Dimethyl phthalate	163	8.133	8.134	-0.001	99	2159579	10.0	8.45	
58 2,6-Dinitrotoluene	165	8.210	8.210	0.000	79	525793	10.0	8.87	
57 Coumarin	146	8.210	8.210	0.000	64	729443	10.0	6.93	
59 Acenaphthylene	152	8.339	8.340	-0.001	97	3310150	10.0	8.17	
60 3-Nitroaniline	138	8.392	8.392	0.000	96	552585	10.0	7.72	
63 3,5-di-tert-butyl-4-hydrox	205	8.433	8.434	-0.001	98	1721183	10.0	7.70	
* 61 Acenaphthene-d10	164	8.475	8.475	0.000	92	1692570	8.00	8.00	
64 2,4-Dinitrophenol	184	8.498	8.492	0.006	93	564446	20.0	17.3	
62 Acenaphthene	154	8.510	8.510	0.000	94	2282715	10.0	8.47	
65 4-Nitrophenol	65	8.528	8.534	-0.006	92	256172	20.0	5.23	
67 2,4-Dinitrotoluene	165	8.622	8.622	0.000	94	620551	10.0	8.46	
66 Dibenzofuran	168	8.680	8.681	-0.001	96	2758371	10.0	7.83	
68 2,3,4,6-Tetrachlorophenol	232	8.792	8.792	0.000	90	486502	10.0	8.53	
69 Diethyl phthalate	149	8.833	8.834	-0.001	98	2032599	10.0	8.20	
71 4-Chlorophenyl phenyl ethe	204	8.992	8.992	0.000	85	965202	10.0	7.99	
72 4-Nitroaniline	138	9.010	9.010	0.000	92	485803	10.0	7.73	
70 Fluorene	166	9.028	9.028	0.000	96	2213753	10.0	8.15	
73 4,6-Dinitro-2-methylphenol	198	9.045	9.045	0.000	82	641686	20.0	21.6	
75 1,2-Diphenylhydrazine	77	9.157	9.157	0.000	99	2226140	10.0	8.81	
$ 76 2,4,6-Tribromophenol	330	9.275	9.275	0.000	93	249672	10.0	7.78	
77 4-Bromophenyl phenyl ether	248	9.492	9.492	0.000	84	522026	10.0	9.52	
78 Hexachlorobenzene	284	9.604	9.604	0.000	100	548036	10.0	9.79	
82 n-Octadecane	57	9.751	9.751	0.000	95	1889801	10.0	9.57	
121 Pentachlorophenol	266	9.780	9.781	-0.001	92	568880	20.0	17.2	
81 Pentachloronitrobenzene	237	9.798	9.804	-0.006	85	197344	10.0	9.69	
* 83 Phenanthrene-d10	188	9.986	9.980	0.006	99	1786124	8.00	8.00	
84 Phenanthrene	178	10.010	10.010	0.000	98	2521338	10.0	9.21	
85 Anthracene	178	10.063	10.063	0.000	98	2527102	10.0	9.02	
86 Carbazole	167	10.198	10.198	0.000	96	2049975	10.0	8.92	
87 Di-n-butyl phthalate	149	10.474	10.475	-0.001	100	2545676	10.0	9.39	
88 Fluoranthene	202	11.310	11.310	0.000	97	1800778	10.0	9.12	
122 Benzidine	184	11.404	11.404	0.000	99	712632	10.0	7.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
123 Bisphenol-A	213	11.551	11.551	0.000	0	163716	5.00	4.83	
90 Pyrene	202	11.598	11.598	0.000	96	1756971	10.0	7.53	
$ 91 Terphenyl-d14	244	11.721	11.722	-0.001	99	1044748	10.0	6.91	
92 Butyl benzyl phthalate	149	12.321	12.322	-0.001	98	729285	10.0	9.16	
93 Carbamazepine	193	12.545	12.545	0.000	92	503812	10.0	10.7	
98 Bis(2-ethylhexyl) phthalat	149	13.151	13.151	0.000	90	1000990	10.0	11.4	
94 3,3'-Dichlorobenzidine	252	13.174	13.175	-0.001	100	440236	10.0	10.1	
95 Benzo[a]anthracene	228	13.268	13.263	0.005	100	1181659	10.0	9.37	
* 96 Chrysene-d12	240	13.286	13.280	0.006	98	821592	8.00	8.00	
97 Chrysene	228	13.327	13.327	0.000	98	1099487	10.0	9.23	
99 Di-n-octyl phthalate	149	14.192	14.192	0.000	97	1716786	10.0	11.2	
100 Benzo[b]fluoranthene	252	14.998	14.998	0.000	98	1168395	10.0	10.6	
101 Benzo[k]fluoranthene	252	15.039	15.039	0.000	98	1109302	10.0	9.16	
102 Benzo[a]pyrene	252	15.545	15.545	0.000	95	1071205	10.0	9.86	
* 103 Perylene-d12	264	15.645	15.639	0.006	97	790050	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.727	17.721	0.006	95	1338320	10.0	10.0	
105 Dibenz(a,h)anthracene	278	17.739	17.733	0.006	94	1111956	10.0	10.0	
106 Benzo[g,h,i]perylene	276	18.345	18.339	0.006	96	1148997	10.0	9.96	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 26-May-2015 16:49:46 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150526-27783.b\C16524.D

Injection Date: 26-May-2015 16:07:30 Instrument ID: CBNAMS13 Operator ID:

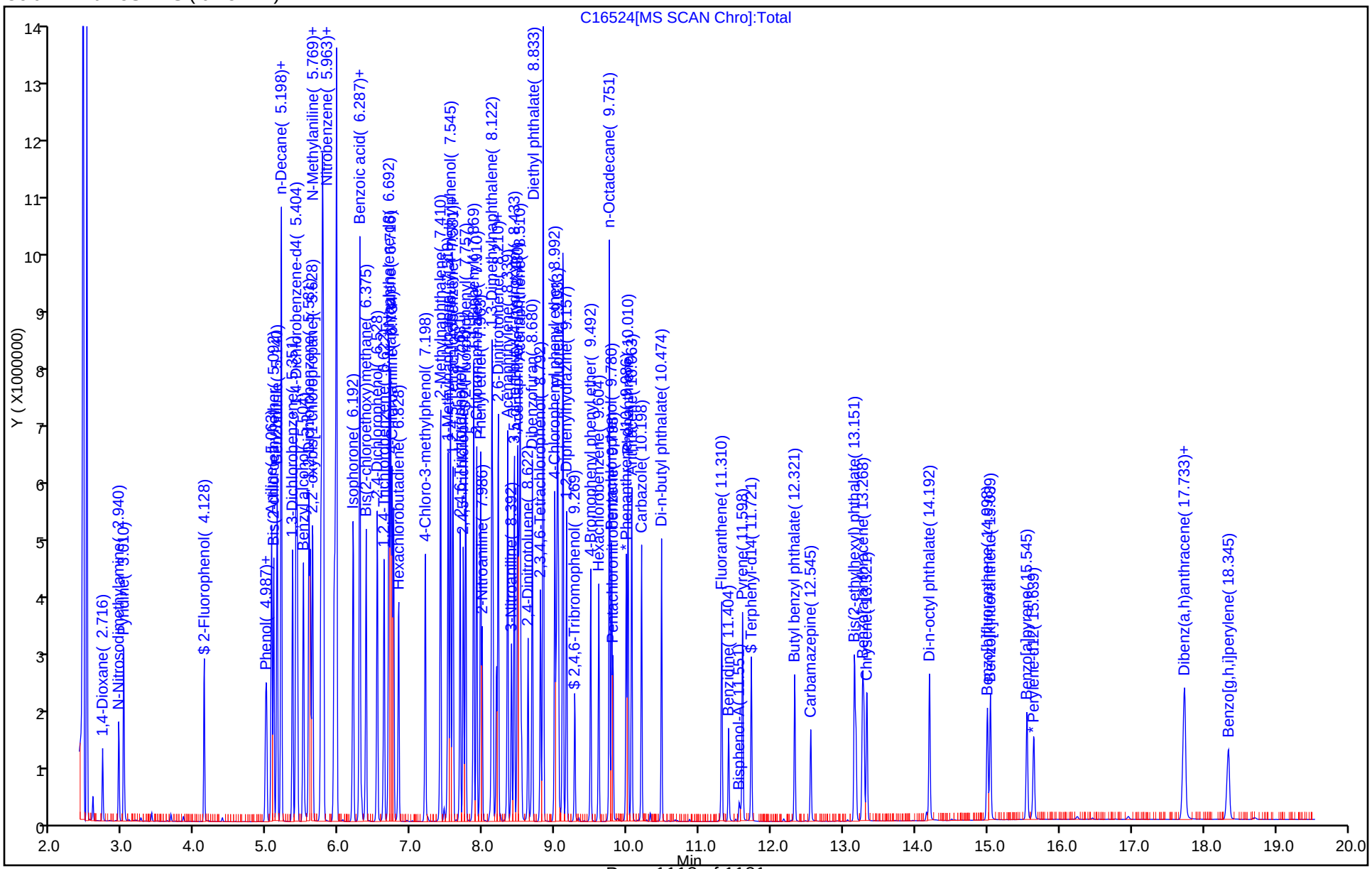
Lims ID: LCS 460-300093/2-A Worklist Smp#: 20

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 20

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300363/2-A

Matrix: Solid | Lab File ID: L121858.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 15.0214(g) | Date Analyzed: 05/26/2015 09:33

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300737 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2380		330	8.0
208-96-8	Acenaphthylene	2620		330	8.5
120-12-7	Anthracene	2790		330	31
56-55-3	Benzo[a]anthracene	2650		33	28
205-99-2	Benzo[b]fluoranthene	2990		33	13
207-08-9	Benzo[k]fluoranthene	2810		33	14
218-01-9	Chrysene	2570		330	9.0
50-32-8	Benzo[a]pyrene	2950		33	10
206-44-0	Fluoranthene	2810		330	9.8
53-70-3	Dibenz(a,h)anthracene	2950		33	17
86-73-7	Fluorene	2830		330	7.2
191-24-2	Benzo[g,h,i]perylene	2670		330	19
193-39-5	Indeno[1,2,3-cd]pyrene	2660		33	22
91-20-3	Naphthalene	2610		330	8.4
85-01-8	Phenanthrene	2790		330	8.8
129-00-0	Pyrene	3070		330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-120
4165-62-2	Phenol-d5 (Surr)	78		41-118
367-12-4	2-Fluorophenol (Surr)	73		37-125
321-60-8	2-Fluorobiphenyl	69		40-109
1718-51-0	Terphenyl-d14 (Surr)	86		16-151

Report Date: 26-May-2015 14:59:39 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121858.D
Lims ID: LCS 460-300363/2-A
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 09:33:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-006
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 14:59:22 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: sangfaib Date: 26-May-2015 22:55:25

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.588	1.576	0.012	93	135032	50.0	27.1	
	2 N-Nitrosodimethylamine	74	1.817	1.806	0.011	90	263333	50.0	38.6	
	3 Pyridine	79	1.853	1.841	0.012	95	446418	50.0	37.1	
$	4 2-Fluorophenol	112	2.994	2.982	0.012	96	469047	50.0	36.5	
$	6 Phenol-d5	99	3.917	3.923	-0.006	86	551333	50.0	38.9	
	7 Phenol	94	3.929	3.935	-0.006	99	616704	50.0	42.1	
	8 Aniline	93	3.947	3.947	0.000	99	646573	50.0	37.3	
	9 Bis(2-chloroethyl)ether	93	4.011	4.011	0.000	99	446590	50.0	38.7	
	10 2-Chlorophenol	128	4.076	4.076	0.000	97	508638	50.0	38.8	
	11 n-Decane	43	4.129	4.129	0.000	90	404657	50.0	31.3	
	12 1,3-Dichlorobenzene	146	4.229	4.229	0.000	97	577956	50.0	37.0	
*	13 1,4-Dichlorobenzene-d4	152	4.282	4.282	0.000	94	397661	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.300	4.300	0.000	96	595631	50.0	37.9	
	15 Benzyl alcohol	108	4.423	4.423	0.000	95	289738	50.0	39.4	
	16 1,2-Dichlorobenzene	146	4.452	4.452	0.000	97	566735	50.0	38.6	
	17 2-Methylphenol	108	4.547	4.547	0.000	92	422249	50.0	40.6	
	18 2,2'-oxybis[1-chloropropan	45	4.564	4.564	0.000	94	565739	50.0	37.8	
	22 Acetophenone	105	4.688	4.694	-0.006	91	639270	50.0	43.3	
	21 N-Nitrosodi-n-propylamine	70	4.694	4.694	0.000	87	317807	50.0	43.2	
	20 3 & 4 Methylphenol	108	4.699	4.705	-0.006	97	487281	50.0	42.8	
	19 4-Methylphenol	108	4.699	4.705	-0.006	93	487281	50.0	42.8	
	25 Hexachloroethane	117	4.799	4.799	0.000	92	225175	50.0	38.0	
$	26 Nitrobenzene-d5	82	4.841	4.841	0.000	86	479228	50.0	38.2	
	27 Nitrobenzene	77	4.864	4.864	0.000	95	650561	50.0	38.9	
	28 n,n'-Dimethylaniline	120	4.870	4.870	0.000	94	722911	50.0	40.2	
	29 Isophorone	82	5.105	5.105	0.000	99	800492	50.0	43.7	
	30 2-Nitrophenol	139	5.188	5.188	0.000	95	278689	50.0	42.0	
	31 2,4-Dimethylphenol	122	5.241	5.241	0.000	92	411878	50.0	40.3	
	32 Bis(2-chloroethoxy)methane	93	5.329	5.329	0.000	99	518251	50.0	40.2	
	33 Benzoic acid	122	5.341	5.364	-0.023	88	200447	50.0	38.7	
	34 2,4-Dichlorophenol	162	5.435	5.435	0.000	97	417793	50.0	40.6	
	35 1,2,4-Trichlorobenzene	180	5.517	5.517	0.000	94	481470	50.0	39.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	5.570	5.570	0.000	99	1424975	40.0	40.0	
37 Naphthalene	128	5.594	5.594	0.000	100	1429794	50.0	39.3	
38 4-Chloroaniline	127	5.646	5.647	0.000	98	466523	50.0	33.2	
39 Hexachlorobutadiene	225	5.729	5.729	0.000	97	293495	50.0	38.4	
41 4-Chloro-3-methylphenol	107	6.146	6.146	0.000	93	356529	50.0	45.6	
42 2-Methylnaphthalene	142	6.288	6.288	0.000	85	969723	50.0	43.0	
43 1-Methylnaphthalene	142	6.388	6.388	0.000	93	837185	50.0	40.2	
44 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	98	352901	50.0	41.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.458	6.464	-0.006	98	486837	50.0	34.1	
46 2-tertbutyl-4-methylphenol	149	6.499	6.499	0.000	93	618752	50.0	42.0	
48 2,4,6-Trichlorophenol	196	6.576	6.576	0.000	93	303391	50.0	37.7	
49 2,4,5-Trichlorophenol	196	6.611	6.611	0.000	99	302489	50.0	35.8	
$ 50 2-Fluorobiphenyl	172	6.658	6.658	0.000	98	1112648	50.0	34.6	
51 1,1'-Biphenyl	154	6.752	6.758	-0.006	95	1145573	50.0	35.4	
52 2-Chloronaphthalene	162	6.770	6.776	-0.006	99	903181	50.0	34.6	
53 Phenyl ether	170	6.858	6.864	-0.006	85	607977	50.0	34.0	
54 2-Nitroaniline	65	6.876	6.876	0.000	94	270998	50.0	38.5	
55 1,3-Dimethylnaphthalene	156	6.993	6.993	0.000	93	718276	50.0	35.1	
58 Dimethyl phthalate	163	7.058	7.064	-0.006	99	936567	50.0	41.4	
59 Coumarin	146	7.076	7.082	-0.006	81	321610	50.0	52.8	
60 2,6-Dinitrotoluene	165	7.117	7.117	0.000	94	223418	50.0	45.6	
61 Acenaphthylene	152	7.182	7.188	-0.006	98	1406612	50.0	39.3	
62 3-Nitroaniline	138	7.282	7.282	0.000	97	200734	50.0	36.7	
* 63 Acenaphthene-d10	164	7.323	7.323	0.000	93	766104	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.352	7.352	0.000	96	808562	50.0	35.3	
65 Acenaphthene	154	7.358	7.358	0.000	94	844488	50.0	35.8	
66 2,4-Dinitrophenol	184	7.382	7.388	-0.006	94	270109	100.0	89.0	
67 4-Nitrophenol	65	7.458	7.464	-0.006	90	290655	100.0	92.7	
68 2,4-Dinitrotoluene	165	7.511	7.517	-0.006	97	282212	50.0	50.3	
69 Dibenzofuran	168	7.529	7.529	0.000	96	1257243	50.0	38.7	
70 2,3,4,6-Tetrachlorophenol	232	7.652	7.658	-0.006	97	259235	50.0	42.5	
71 Diethyl phthalate	149	7.758	7.764	-0.006	98	899349	50.0	43.6	
73 4-Chlorophenyl phenyl ethe	204	7.864	7.864	0.000	78	499771	50.0	39.5	
74 Fluorene	166	7.864	7.870	-0.006	95	1014947	50.0	42.4	
75 4-Nitroaniline	138	7.888	7.888	0.000	87	227994	50.0	45.1	
76 4,6-Dinitro-2-methylphenol	198	7.917	7.923	-0.006	92	349340	100.0	88.1	
78 1,2-Diphenylhydrazine	77	8.023	8.023	0.000	96	845574	50.0	34.7	
$ 79 2,4,6-Tribromophenol	330	8.105	8.105	0.000	90	225637	50.0	43.0	
80 4-Bromophenyl phenyl ether	248	8.346	8.346	0.000	96	309010	50.0	39.4	
81 Hexachlorobenzene	284	8.417	8.417	0.000	95	379141	50.0	41.9	
83 Pentachlorophenol	266	8.611	8.611	0.000	95	399170	100.0	73.3	
84 Pentachloronitrobenzene	237	8.623	8.623	0.000	91	121946	50.0	42.5	
72 n-Octadecane	57	8.693	8.693	0.000	94	476594	50.0	34.5	
* 85 Phenanthrene-d10	188	8.787	8.787	0.000	98	1170872	40.0	40.0	
86 Phenanthrene	178	8.811	8.811	0.000	97	1325012	50.0	41.8	
87 Anthracene	178	8.858	8.858	0.000	99	1334703	50.0	41.9	
88 Carbazole	167	9.017	9.017	0.000	96	1145565	50.0	43.2	
89 Di-n-butyl phthalate	149	9.364	9.364	0.000	99	1331581	50.0	39.5	
90 Fluoranthene	202	9.976	9.976	0.000	98	1282056	50.0	42.2	
91 Benzidine	184	10.105	10.105	0.000	99	520354	50.0	25.8	
92 Pyrene	202	10.199	10.199	0.000	97	1324191	50.0	46.1	
93 Bisphenol-A	213	10.246	10.252	-0.006	99	239298	25.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 94 Terphenyl-d14	244	10.358	10.358	0.000	99	1012121	50.0	42.8	
95 Butyl benzyl phthalate	149	10.881	10.881	0.000	95	509191	50.0	42.8	
97 Carbamazepine	193	10.999	11.005	-0.006	92	473541	50.0	32.0	
98 3,3'-Dichlorobenzidine	252	11.499	11.499	0.000	98	326301	50.0	27.3	
99 Benzo[a]anthracene	228	11.528	11.528	0.000	98	1145058	50.0	39.9	
* 100 Chrysene-d12	240	11.540	11.534	0.006	99	1036960	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.570	11.576	-0.006	85	704047	50.0	35.2	
101 Chrysene	228	11.570	11.576	-0.006	99	1105890	50.0	38.6	
103 Di-n-octyl phthalate	149	12.423	12.423	0.000	96	1104862	50.0	34.9	
104 Benzo[b]fluoranthene	252	12.928	12.928	0.000	99	1241754	50.0	44.9	
105 Benzo[k]fluoranthene	252	12.964	12.964	0.000	99	1357266	50.0	42.2	
106 Benzo[a]pyrene	252	13.370	13.370	0.000	97	1296058	50.0	44.2	
* 107 Perylene-d12	264	13.446	13.446	0.000	99	1217930	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.887	14.893	-0.006	99	1678239	50.0	40.0	
109 Dibenz(a,h)anthracene	278	14.916	14.922	-0.006	98	1694086	50.0	44.3	
110 Benzo[g,h,i]perylene	276	15.240	15.246	-0.006	98	1738774	50.0	40.1	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

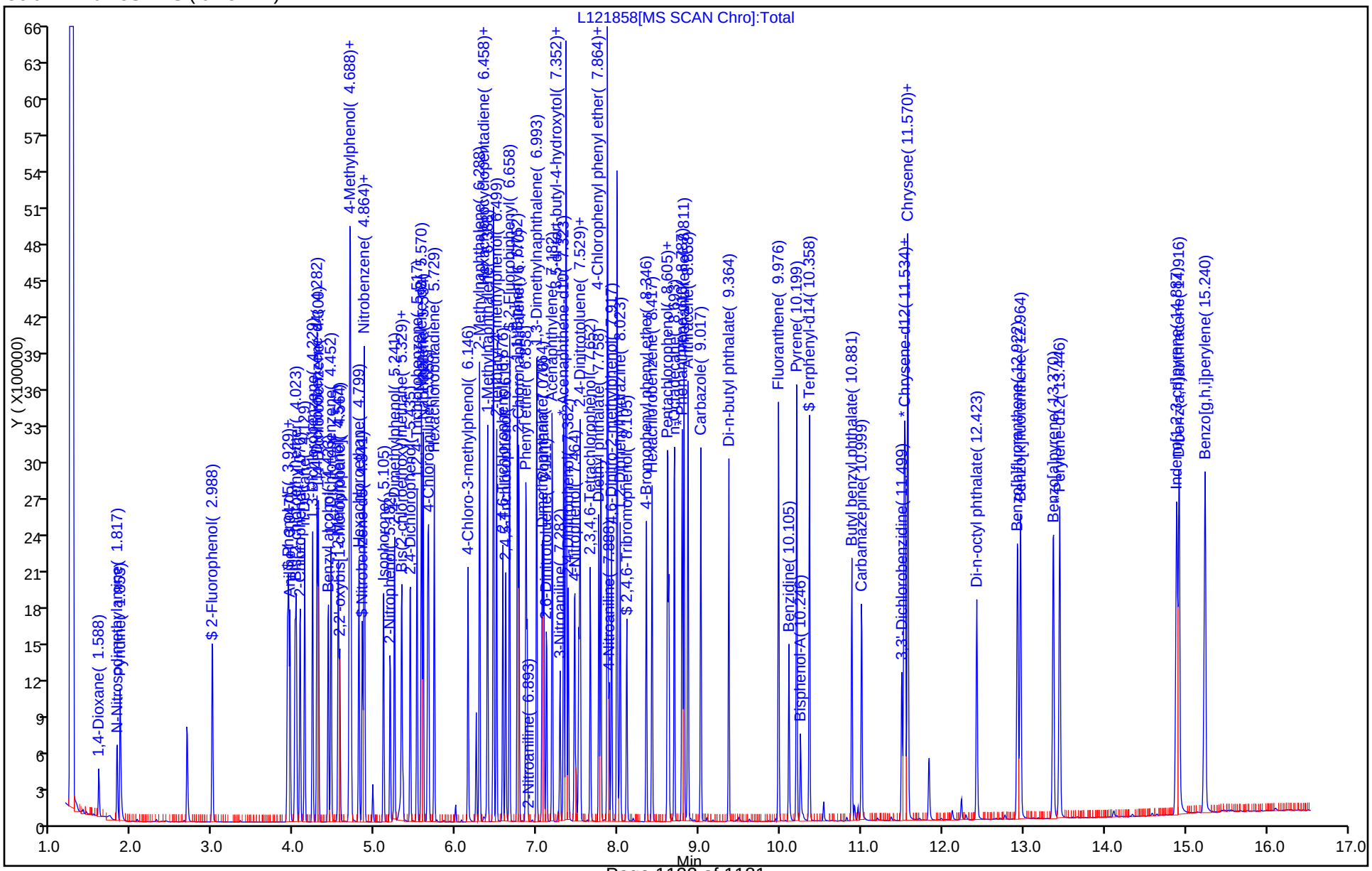
Report Date: 26-May-2015 14:59:39 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121858.D

Injection Date:	26-May-2015 09:33:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-300363/2-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300368/2-A

Matrix: Solid | Lab File ID: x2620.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 14.9965(g) | Date Analyzed: 05/27/2015 07:58

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2560		330	8.0
208-96-8	Acenaphthylene	2800		330	8.5
120-12-7	Anthracene	2930		330	31
56-55-3	Benzo[a]anthracene	2820		33	28
205-99-2	Benzo[b]fluoranthene	3210		33	13
207-08-9	Benzo[k]fluoranthene	2760		33	14
218-01-9	Chrysene	2840		330	9.0
50-32-8	Benzo[a]pyrene	2970		33	10
206-44-0	Fluoranthene	2660		330	9.8
53-70-3	Dibenz(a,h)anthracene	3600		33	17
86-73-7	Fluorene	2910		330	7.2
191-24-2	Benzo[g,h,i]perylene	3350		330	19
193-39-5	Indeno[1,2,3-cd]pyrene	3940		33	22
91-20-3	Naphthalene	2650		330	8.4
85-01-8	Phenanthrene	2930		330	8.8
129-00-0	Pyrene	3050		330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	81		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-120
4165-62-2	Phenol-d5 (Surr)	82		41-118
367-12-4	2-Fluorophenol (Surr)	79		37-125
321-60-8	2-Fluorobiphenyl	84		40-109
1718-51-0	Terphenyl-d14 (Surr)	110		16-151

Report Date: 27-May-2015 14:00:17 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2620.D
Lims ID: LCS 460-300368/2-A
Client ID:
Sample Type: LCS
Inject. Date: 27-May-2015 07:58:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-016
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:59:09 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:00:17

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.690	1.619	0.071	97	317033	50.0	26.9	
	2 N-Nitrosodimethylamine	74	1.907	1.849	0.058	86	648036	50.0	38.2	
	3 Pyridine	79	1.931	1.878	0.053	90	1009039	50.0	35.8	
$	4 2-Fluorophenol	112	3.025	3.002	0.023	94	1030237	50.0	39.6	
$	6 Phenol-d5	99	3.937	3.937	0.000	92	1281057	50.0	40.9	
	8 Aniline	93	3.942	3.943	-0.001	92	1438494	50.0	35.3	
	7 Phenol	94	3.948	3.949	-0.001	89	1412548	50.0	41.7	
	9 Bis(2-chloroethyl)ether	93	4.007	4.007	0.000	99	1098363	50.0	43.7	
	10 Benzonitrile	103	4.025	4.031	-0.006	67	1954613	NC	NC	
	11 2-Chlorophenol	128	4.072	4.072	0.000	93	998607	50.0	39.3	
	12 n-Decane	43	4.113	4.113	0.000	88	992542	50.0	32.2	
	13 1,3-Dichlorobenzene	146	4.219	4.213	0.006	94	1099015	50.0	38.2	
*	14 1,4-Dichlorobenzene-d4	152	4.272	4.266	0.006	98	703106	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.289	4.284	0.005	93	1134017	50.0	38.9	
	16 Benzyl alcohol	108	4.419	4.419	0.000	92	468831	50.0	32.0	
	17 1,2-Dichlorobenzene	146	4.437	4.437	0.000	95	1066365	50.0	40.0	
	18 2-Methylphenol	108	4.548	4.548	0.000	86	934923	50.0	42.0	
	19 2,2'-oxybis[1-chloropropan	45	4.542	4.548	-0.006	93	1293156	50.0	36.4	
	20 N-Methylaniline	106	4.672	4.672	0.000	98	1556856	NC	NC	
	21 Acetophenone	105	4.684	4.684	0.000	95	1439830	50.0	43.8	
	22 N-Nitrosodi-n-propylamine	70	4.689	4.690	-0.001	88	779743	50.0	45.5	
	24 4-Methylphenol	108	4.707	4.707	0.000	93	963620	50.0	39.0	
	23 3 & 4 Methylphenol	108	4.707	4.707	0.000	97	963620	50.0	39.0	
	25 Hexachloroethane	117	4.778	4.778	0.000	96	426814	50.0	40.5	
$	26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	1153542	50.0	40.5	
	28 Nitrobenzene	77	4.854	4.854	0.000	93	1569983	50.0	40.8	
	27 n,n'-Dimethylaniline	120	4.854	4.854	0.000	88	1596789	50.0	43.1	
	31 Isophorone	82	5.089	5.096	-0.007	99	1893366	50.0	44.0	
	32 2-Nitrophenol	139	5.166	5.172	-0.006	88	468948	50.0	36.2	
	33 2,4-Dimethylphenol	122	5.231	5.231	0.000	89	822649	50.0	40.4	
	34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	99	1157021	50.0	42.1	
	35 Benzoic acid	122	5.354	5.390	-0.036	87	206774	50.0	17.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.425	5.425	0.000	94	736024	50.0	41.0	
37 1,2,4-Trichlorobenzene	180	5.495	5.495	0.000	94	840108	50.0	41.4	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2571529	40.0	40.0	
39 Naphthalene	128	5.572	5.572	0.000	100	2847746	50.0	39.8	
40 4-Chloroaniline	127	5.636	5.631	0.005	96	909331	50.0	33.5	
41 Hexachlorobutadiene	225	5.701	5.701	0.000	95	497753	50.0	43.1	
43 4-Chloro-3-methylphenol	107	6.142	6.137	0.005	97	743201	50.0	42.3	
44 2-Methylnaphthalene	142	6.266	6.266	0.000	85	1859826	50.0	42.7	
45 1-Methylnaphthalene	142	6.366	6.366	0.000	93	1595445	50.0	39.8	
46 Hexachlorocyclopentadiene	237	6.431	6.431	-0.001	96	401913	50.0	35.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.436	6.442	-0.006	96	767495	50.0	41.4	
48 2-tertbutyl-4-methylphenol	149	6.478	6.484	-0.006	92	1205815	50.0	44.2	
49 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	89	452435	50.0	37.9	
50 2,4,5-Trichlorophenol	196	6.601	6.601	0.000	97	464225	50.0	37.9	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.007	98	1942467	50.0	41.9	
52 1,1'-Biphenyl	154	6.730	6.731	-0.001	96	2097935	50.0	40.8	
53 2-Chloronaphthalene	162	6.748	6.754	-0.006	97	1611601	50.0	40.5	
54 Phenyl ether	170	6.836	6.837	-0.001	86	1072750	50.0	40.3	
56 2-Nitroaniline	65	6.860	6.860	0.000	95	476854	50.0	31.4	
57 1,3-Dimethylnaphthalene	156	6.966	6.972	-0.006	92	1272031	50.0	41.1	
58 Dimethyl phthalate	163	7.048	7.048	0.000	99	1637425	50.0	44.2	
59 Coumarin	146	7.060	7.066	-0.006	78	500052	50.0	45.7	
60 2,6-Dinitrotoluene	165	7.101	7.101	0.000	95	367793	50.0	43.4	
61 Acenaphthylene	152	7.160	7.160	0.000	97	2369101	50.0	42.0	
64 3-Nitroaniline	138	7.266	7.272	-0.006	92	303528	50.0	31.8	
* 65 Acenaphthene-d10	164	7.301	7.295	0.006	92	1220662	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.325	7.325	0.000	98	1504796	50.0	44.4	
67 Acenaphthene	154	7.336	7.337	-0.001	94	1462535	50.0	38.4	
68 2,4-Dinitrophenol	184	7.372	7.378	-0.006	95	88136	100.0	19.3	
69 4-Nitrophenol	65	7.466	7.472	-0.006	96	438772	100.0	63.2	
70 2,4-Dinitrotoluene	165	7.495	7.495	0.000	92	439948	50.0	44.2	
71 Dibenzofuran	168	7.501	7.507	-0.006	99	2056412	50.0	40.6	
72 2,3,4,6-Tetrachlorophenol	232	7.636	7.637	-0.001	93	294278	50.0	35.7	
73 Diethyl phthalate	149	7.736	7.737	0.000	98	1533775	50.0	45.6	
74 4-Chlorophenyl phenyl ethe	204	7.836	7.837	0.000	87	800305	50.0	44.6	
75 Fluorene	166	7.842	7.842	0.000	96	1661011	50.0	43.6	
76 4-Nitroaniline	138	7.877	7.878	-0.001	91	265399	50.0	33.1	
77 4,6-Dinitro-2-methylphenol	198	7.907	7.907	0.000	85	158216	100.0	30.0	
79 1,2-Diphenylhydrazine	77	7.995	7.995	0.000	97	1695650	50.0	43.1	
$ 80 2,4,6-Tribromophenol	330	8.083	8.084	-0.001	95	178371	50.0	43.1	
81 4-Bromophenyl phenyl ether	248	8.319	8.319	0.000	88	406059	50.0	49.8	
83 Hexachlorobenzene	284	8.389	8.389	0.000	98	428498	50.0	52.6	
85 Pentachlorophenol	266	8.589	8.589	0.000	93	274748	100.0	51.1	
86 Pentachloronitrobenzene	237	8.601	8.601	0.000	88	149208	50.0	44.7	
87 n-Octadecane	57	8.660	8.660	0.000	94	1253641	50.0	45.4	
* 88 Phenanthrene-d10	188	8.760	8.760	0.000	99	1393360	40.0	40.0	
89 Phenanthrene	178	8.789	8.789	0.000	98	1808533	50.0	43.9	
90 Anthracene	178	8.836	8.836	0.000	98	1833789	50.0	43.9	
91 Carbazole	167	8.995	8.995	0.000	96	1409375	50.0	40.3	
92 Di-n-butyl phthalate	149	9.336	9.336	0.000	100	2021406	50.0	48.8	
93 Fluoranthene	202	9.954	9.954	0.000	98	1374738	50.0	39.9	
94 Benzidine	184	10.083	10.083	0.000	99	229064	50.0	15.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
95 Pyrene	202	10.177	10.178	-0.001	98	1310842	50.0	45.7	
82 Bisphenol-A	213	10.283	10.236	0.047	98	46969	25.0	6.86	
$ 96 Terphenyl-d14	244	10.330	10.330	0.000	99	1028729	50.0	55.2	
97 Butyl benzyl phthalate	149	10.854	10.854	0.000	98	573970	50.0	52.7	
99 Carbamazepine	193	10.977	10.977	0.000	93	251288	50.0	37.6	
100 3,3'-Dichlorobenzidine	252	11.471	11.472	-0.001	99	228544	50.0	38.6	
101 Benzo[a]anthracene	228	11.495	11.501	-0.006	99	828354	50.0	42.3	
* 102 Chrysene-d12	240	11.513	11.513	0.000	99	615273	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.536	11.542	-0.006	91	805734	50.0	55.0	
103 Chrysene	228	11.542	11.548	-0.006	99	769002	50.0	42.6	
105 Di-n-octyl phthalate	149	12.383	12.383	0.000	98	1101727	50.0	57.1	
106 Benzo[b]fluoranthene	252	12.895	12.895	0.000	99	573135	50.0	48.1	
107 Benzo[k]fluoranthene	252	12.930	12.930	0.000	99	553331	50.0	41.5	
108 Benzo[a]pyrene	252	13.336	13.336	0.000	97	488562	50.0	44.5	
* 109 Perylene-d12	264	13.412	13.413	-0.001	98	378702	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.912	14.918	-0.006	99	451196	50.0	59.0	M
111 Dibenz(a,h)anthracene	278	14.948	14.948	0.000	96	433606	50.0	53.9	
112 Benzo[g,h,i]perylene	276	15.330	15.330	0.000	98	436935	50.0	50.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

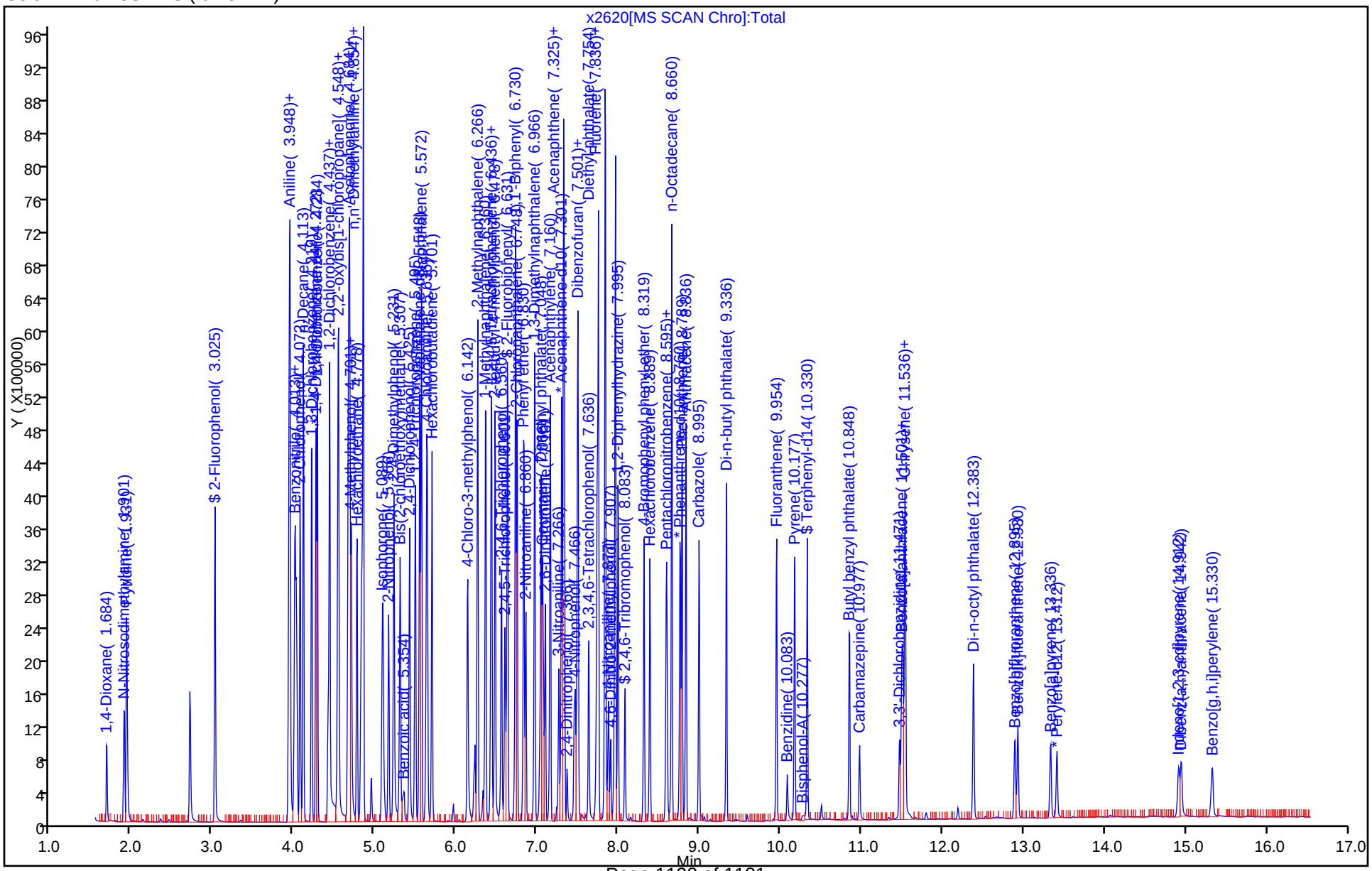
Report Date: 27-May-2015 14:00:17 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2620.D

Injection Date:	27-May-2015 07:58:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	LCS 460-300368/2-A			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

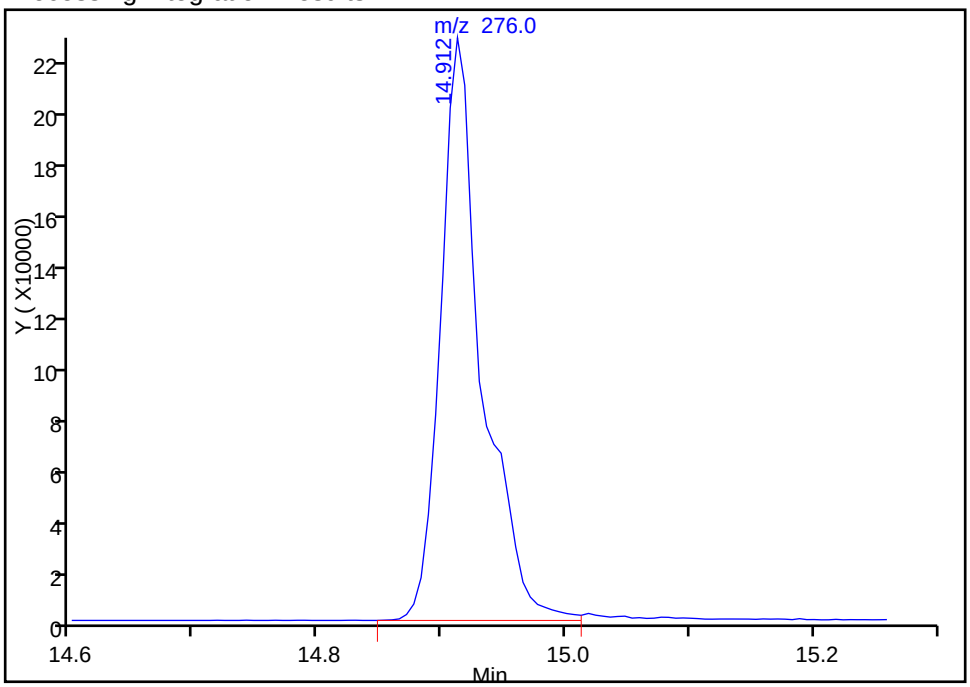
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2620.D				
Injection Date:	27-May-2015 07:58:30	Instrument ID:	CBNAMS5		
Lims ID:	LCS 460-300368/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

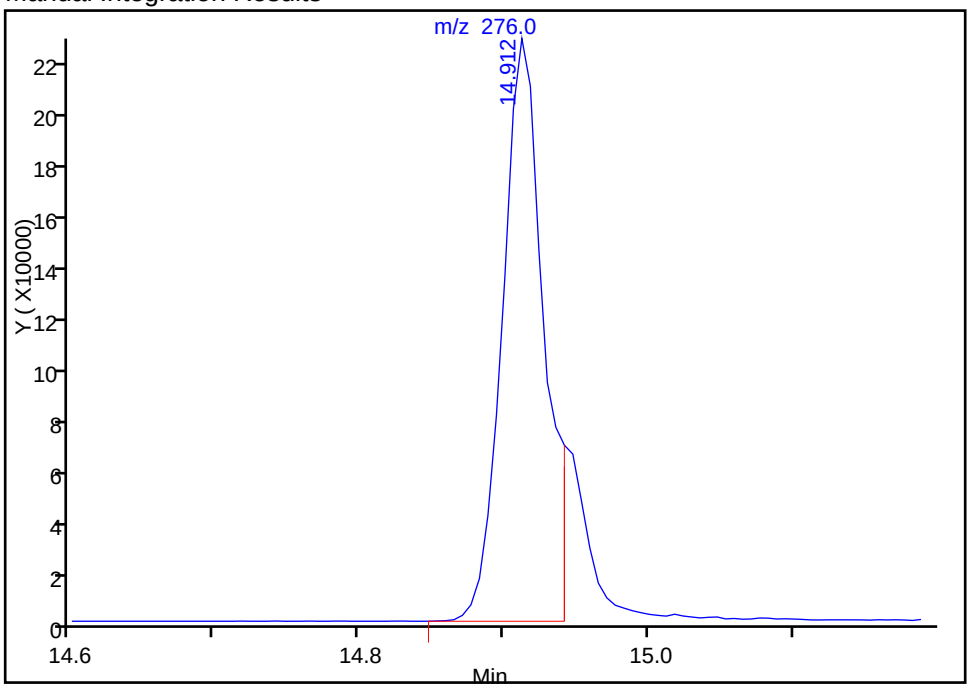
Processing Integration Results

RT: 14.91
Area: 517403
Amount: 67.675358
Amount Units: ug/ml



Manual Integration Results

RT: 14.91
Area: 451196
Amount: 59.015604
Amount Units: ug/ml



Reviewer: manlangitf, 27-May-2015 09:50:59
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-300093/3-A

Matrix: Water | Lab File ID: C16592.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/21/2015 12:57

Sample wt/vol: 250(mL) | Date Analyzed: 05/28/2015 11:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

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

Analysis Batch No.: 301331 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	77.8		10	1.1
208-96-8	Acenaphthylene	74.6		10	1.8
120-12-7	Anthracene	77.0		10	0.85
56-55-3	Benzo[a]anthracene	77.8		1.0	0.18
205-99-2	Benzo[b]fluoranthene	85.4		1.0	0.21
207-08-9	Benzo[k]fluoranthene	81.0		1.0	0.14
218-01-9	Chrysene	76.8		2.0	1.4
50-32-8	Benzo[a]pyrene	85.1		1.0	0.14
206-44-0	Fluoranthene	99.1		10	1.1
53-70-3	Dibenz(a,h)anthracene	87.8		1.0	0.16
86-73-7	Fluorene	76.5		10	1.7
191-24-2	Benzo[g,h,i]perylene	89.8		10	0.93
193-39-5	Indeno[1,2,3-cd]pyrene	89.4		1.0	0.11
91-20-3	Naphthalene	65.9		10	2.0
85-01-8	Phenanthrene	79.3		10	1.2
129-00-0	Pyrene	51.0		10	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	78		60-114
118-79-6	2,4,6-Tribromophenol (Surr)	88		51-126
4165-62-2	Phenol-d5 (Surr)	22		4-86
367-12-4	2-Fluorophenol (Surr)	35		15-96
321-60-8	2-Fluorobiphenyl	76		50-120
1718-51-0	Terphenyl-d14 (Surr)	55	*	72-130

Report Date: 28-May-2015 12:59:39 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16592.D
Lims ID: LCSD 460-300093/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 28-May-2015 11:07:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027900-008
Operator ID: Instrument ID: CBNAMS13

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\8270LVI_R13.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 10:50:46 Calib Date: 07-May-2015 19:08:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150507-27129.b\C15831.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK037

First Level Reviewer: szczecha Date: 28-May-2015 12:59:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	2.646	2.640	0.006	98	155869	10.0	4.13	
2 N-Nitrosodimethylamine	74	2.893	2.893	0.000	80	237301	10.0	4.12	
3 Pyridine	79	2.963	2.963	0.000	84	393619	10.0	4.09	
$ 4 2-Fluorophenol	112	4.163	4.163	0.000	95	304047	10.0	3.51	
$ 6 Phenol-d5	99	5.028	5.034	-0.006	91	227523	10.0	2.21	
7 Phenol	94	5.046	5.045	0.001	99	294554	10.0	2.66	
8 Aniline	93	5.110	5.110	0.000	99	912531	10.0	6.35	
9 Bis(2-chloroethyl)ether	93	5.140	5.140	0.000	96	787607	10.0	7.35	
125 Benzonitrile	103	5.187	5.187	0.000	98	1353097	NC	NC	
10 2-Chlorophenol	128	5.246	5.245	0.001	97	675027	10.0	7.31	
11 n-Decane	43	5.246	5.251	-0.005	93	802014	10.0	6.08	
12 1,3-Dichlorobenzene	146	5.404	5.404	0.000	95	723006	10.0	7.05	
* 13 1,4-Dichlorobenzene-d4	152	5.451	5.451	0.000	96	499476	8.00	8.00	
14 1,4-Dichlorobenzene	146	5.469	5.469	0.000	95	747009	10.0	7.21	
15 Benzyl alcohol	108	5.551	5.557	-0.006	94	364699	10.0	7.02	
16 1,2-Dichlorobenzene	146	5.628	5.634	-0.006	96	715243	10.0	7.45	
17 2-Methylphenol	108	5.651	5.651	0.000	91	494835	10.0	6.00	
18 2,2'-oxybis[1-chloropropan	45	5.681	5.687	-0.006	94	1272326	10.0	7.43	
22 3 & 4 Methylphenol	108	5.798	5.798	0.000	68	476507	10.0	5.62	
21 4-Methylphenol	108	5.798	5.798	0.000	93	476405	10.0	5.63	
20 N-Nitrosodi-n-propylamine	70	5.810	5.810	0.000	92	526013	10.0	8.72	
126 N-Methylaniline	106	5.822	5.822	0.000	75	1005759	NC	NC	
19 Acetophenone	105	5.834	5.834	0.000	96	1005429	10.0	8.69	
24 Hexachloroethane	117	5.981	5.981	0.000	92	291837	10.0	7.07	
$ 25 Nitrobenzene-d5	82	5.993	5.992	0.001	90	711164	10.0	7.76	
27 n,n'-Dimethylaniline	120	6.010	6.010	0.000	93	1037008	10.0	7.60	
26 Nitrobenzene	77	6.010	6.016	-0.006	91	1026072	10.0	8.70	
28 Isophorone	82	6.240	6.245	-0.005	99	1175570	10.0	8.24	
29 2-Nitrophenol	139	6.340	6.339	0.001	78	397976	10.0	9.36	
30 2,4-Dimethylphenol	122	6.340	6.339	0.001	86	614955	10.0	7.67	
32 Benzoic acid	122	6.369	6.398	-0.029	92	88532	10.0	2.34	
31 Bis(2-chloroethoxy)methane	93	6.428	6.428	0.000	99	866765	10.0	8.84	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 2,4-Dichlorophenol	162	6.581	6.581	0.000	95	563097	10.0	9.07	
34 1,2,4-Trichlorobenzene	180	6.675	6.675	0.000	95	541368	10.0	7.85	
* 35 Naphthalene-d8	136	6.740	6.740	0.000	100	1795334	8.00	8.00	
36 Naphthalene	128	6.763	6.763	0.000	99	2053979	10.0	8.24	
37 4-Chloroaniline	127	6.781	6.786	-0.005	96	1100480	10.0	8.26	
38 Hexachlorobutadiene	225	6.875	6.875	0.000	93	281009	10.0	7.87	
40 4-Chloro-3-methylphenol	107	7.245	7.245	0.000	97	484844	10.0	8.19	
41 2-Methylnaphthalene	142	7.457	7.457	0.000	86	1306098	10.0	8.56	
42 1-Methylnaphthalene	142	7.563	7.563	0.000	93	1138489	10.0	8.02	
45 2-tertbutyl-4-methylphenol	149	7.598	7.598	0.000	91	889935	10.0	9.07	
43 Hexachlorocyclopentadiene	237	7.622	7.622	0.000	95	263817	10.0	7.03	
44 1,2,4,5-Tetrachlorobenzene	216	7.634	7.633	0.001	97	520314	10.0	8.75	
46 2,4,6-Trichlorophenol	196	7.728	7.728	0.000	87	354332	10.0	9.40	
47 2,4,5-Trichlorophenol	196	7.775	7.775	0.000	95	372600	10.0	9.14	
$ 48 2-Fluorobiphenyl	172	7.804	7.810	-0.006	98	1118507	10.0	7.58	
49 1,1'-Biphenyl	154	7.916	7.916	0.000	96	1506693	10.0	8.86	
50 2-Chloronaphthalene	162	7.957	7.957	0.000	96	1164696	10.0	8.79	
53 Phenyl ether	170	8.016	8.016	0.000	86	735088	10.0	8.59	
54 2-Nitroaniline	65	8.034	8.033	0.001	98	412764	10.0	9.26	
55 1,3-Dimethylnaphthalene	156	8.169	8.169	0.000	91	926919	10.0	8.76	
56 Dimethyl phthalate	163	8.187	8.186	0.001	99	1166697	10.0	9.55	
58 2,6-Dinitrotoluene	165	8.257	8.257	0.000	79	285588	10.0	10.1	
57 Coumarin	146	8.257	8.257	0.000	64	392794	10.0	8.74	
59 Acenaphthylene	152	8.386	8.386	0.000	98	1806236	10.0	9.33	
60 3-Nitroaniline	138	8.439	8.439	0.000	97	307459	10.0	8.99	
63 3,5-di-tert-butyl-4-hydrox	205	8.481	8.481	0.001	98	834334	10.0	7.81	
* 61 Acenaphthene-d10	164	8.528	8.528	0.000	92	808767	8.00	8.00	
64 2,4-Dinitrophenol	184	8.545	8.545	0.000	94	344423	20.0	22.1	
62 Acenaphthene	154	8.563	8.563	0.000	94	1253825	10.0	9.73	
65 4-Nitrophenol	65	8.581	8.586	-0.005	93	136022	20.0	5.81	
67 2,4-Dinitrotoluene	165	8.675	8.675	0.000	95	365577	10.0	10.4	
66 Dibenzofuran	168	8.728	8.733	-0.005	95	1535782	10.0	9.13	
68 2,3,4,6-Tetrachlorophenol	232	8.845	8.845	0.000	90	266855	10.0	9.79	
69 Diethyl phthalate	149	8.886	8.886	0.000	98	1187192	10.0	10.0	
71 4-Chlorophenyl phenyl ethe	204	9.045	9.045	0.000	85	539570	10.0	9.35	
72 4-Nitroaniline	138	9.063	9.063	0.000	91	312733	10.0	10.4	
70 Fluorene	166	9.081	9.080	0.001	96	1240337	10.0	9.56	
73 4,6-Dinitro-2-methylphenol	198	9.092	9.092	0.000	83	423067	20.0	23.8	
75 1,2-Diphenylhydrazine	77	9.204	9.204	0.000	99	1244849	10.0	8.24	
$ 76 2,4,6-Tribromophenol	330	9.322	9.322	0.000	93	135079	10.0	8.81	
77 4-Bromophenyl phenyl ether	248	9.545	9.545	0.000	88	305823	10.0	9.34	
78 Hexachlorobenzene	284	9.657	9.657	0.000	99	320486	10.0	9.58	
82 n-Octadecane	57	9.804	9.804	0.000	95	977936	10.0	8.29	
121 Pentachlorophenol	266	9.833	9.833	0.000	92	392416	20.0	19.9	
81 Pentachloronitrobenzene	237	9.851	9.851	0.000	85	132002	10.0	10.8	
* 83 Phenanthrene-d10	188	10.033	10.033	0.000	99	1066894	8.00	8.00	
84 Phenanthrene	178	10.057	10.057	0.000	98	1620372	10.0	9.91	
85 Anthracene	178	10.110	10.110	0.000	98	1610151	10.0	9.62	
86 Carbazole	167	10.245	10.251	-0.006	96	1485818	10.0	10.8	
87 Di-n-butyl phthalate	149	10.528	10.527	0.001	100	1890081	10.0	11.7	
88 Fluoranthene	202	11.351	11.351	0.000	97	1461194	10.0	12.4	
122 Benzidine	184	11.451	11.451	0.000	99	629899	10.0	11.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
123 Bisphenol-A	213	11.592	11.592	0.000	0	206836	5.00	5.59	
90 Pyrene	202	11.639	11.639	0.000	97	1518105	10.0	6.37	
$ 91 Terphenyl-d14	244	11.763	11.763	0.000	99	857683	10.0	5.53	
92 Butyl benzyl phthalate	149	12.369	12.363	0.006	98	755101	10.0	9.46	
93 Carbamazepine	193	12.586	12.586	0.000	92	540672	10.0	11.4	
98 Bis(2-ethylhexyl) phthalat	149	13.192	13.192	0.000	90	1032676	10.0	11.7	
94 3,3'-Dichlorobenzidine	252	13.210	13.210	0.000	99	442463	10.0	10.1	
95 Benzo[a]anthracene	228	13.298	13.298	0.000	100	1230588	10.0	9.73	
* 96 Chrysene-d12	240	13.321	13.316	0.005	99	824091	8.00	8.00	
97 Chrysene	228	13.357	13.357	0.000	98	1147296	10.0	9.60	
99 Di-n-octyl phthalate	149	14.233	14.233	0.000	97	1707155	10.0	11.4	
100 Benzo[b]fluoranthene	252	15.027	15.027	0.000	98	1154973	10.0	10.7	
101 Benzo[k]fluoranthene	252	15.068	15.068	0.000	98	1205008	10.0	10.1	
102 Benzo[a]pyrene	252	15.568	15.568	0.000	96	1135542	10.0	10.6	
* 103 Perylene-d12	264	15.662	15.663	0.000	96	776324	8.00	8.00	
104 Indeno[1,2,3-cd]pyrene	276	17.715	17.715	0.000	94	1468850	10.0	11.2	
105 Dibenz(a,h)anthracene	278	17.733	17.727	0.006	94	1200984	10.0	11.0	
106 Benzo[g,h,i]perylene	276	18.327	18.321	0.006	95	1273533	10.0	11.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00072 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 28-May-2015 12:59:39 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS13\20150528-27900.b\C16592.D

Injection Date: 28-May-2015 11:07:30 Instrument ID: CBNAMS13 Operator ID:

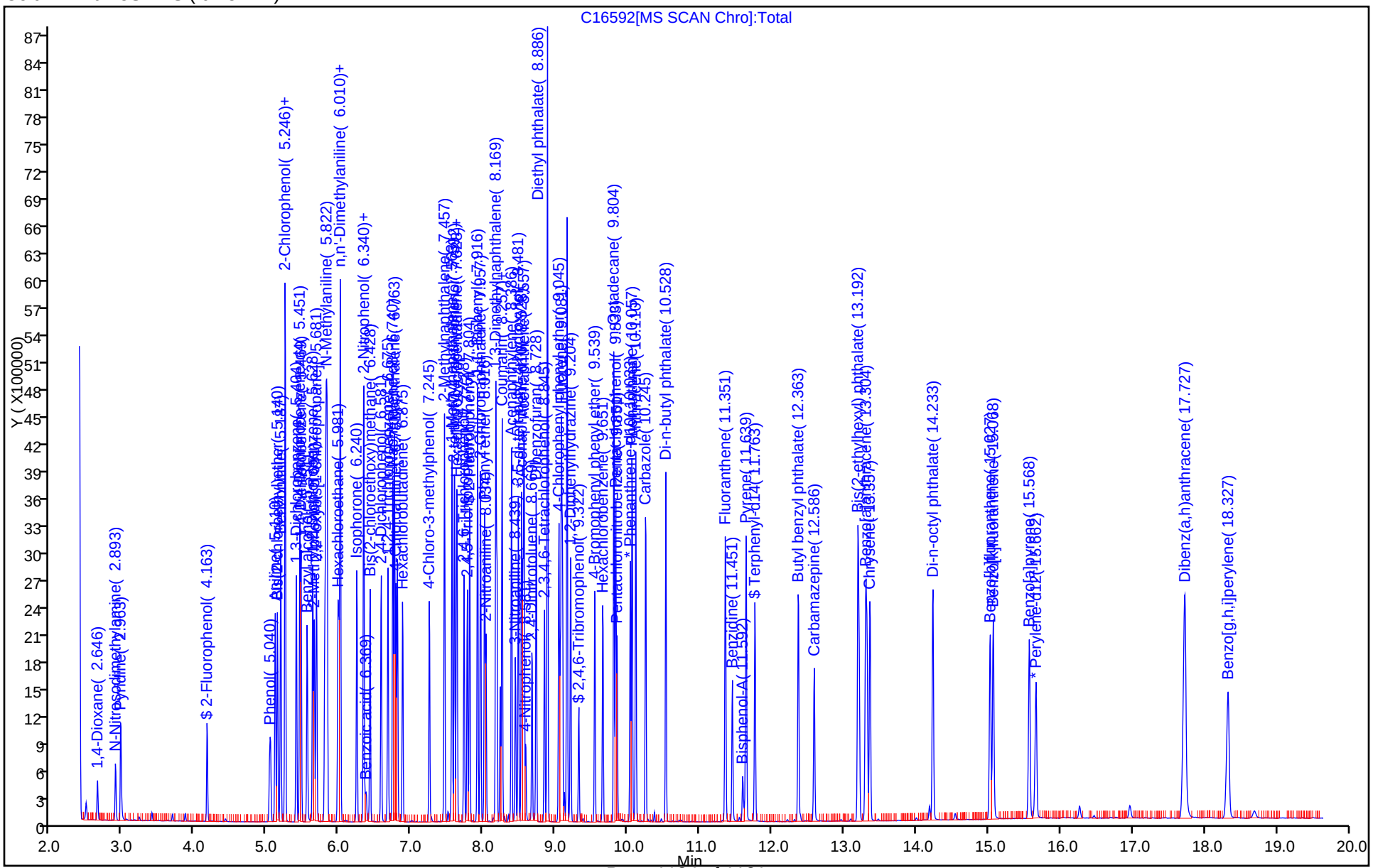
Lims ID: LCSD 460-300093/3-A Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8270LVI_R13 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-4 (20-23) MS | Lab Sample ID: 460-95181-4 MS

Matrix: Solid | Lab File ID: x2631.D

Analysis Method: 8270D | Date Collected: 05/19/2015 12:55

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0326(g) | Date Analyzed: 05/27/2015 12:03

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2120		400	9.6
208-96-8	Acenaphthylene	2280		400	10
120-12-7	Anthracene	2370		400	38
56-55-3	Benzo[a]anthracene	2550		40	33
205-99-2	Benzo[b]fluoranthene	2470		40	16
207-08-9	Benzo[k]fluoranthene	2200		40	17
218-01-9	Chrysene	2590		400	11
50-32-8	Benzo[a]pyrene	2590		40	12
206-44-0	Fluoranthene	2440		400	12
53-70-3	Dibenz(a,h)anthracene	3820		40	21
86-73-7	Fluorene	2350		400	8.7
191-24-2	Benzo[g,h,i]perylene	4070		400	23
193-39-5	Indeno[1,2,3-cd]pyrene	4390		40	26
91-20-3	Naphthalene	2140		400	10
85-01-8	Phenanthrene	2760		400	11
129-00-0	Pyrene	2950		400	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	51		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	38		10-120
4165-62-2	Phenol-d5 (Surr)	52		41-118
367-12-4	2-Fluorophenol (Surr)	48		37-125
321-60-8	2-Fluorobiphenyl	59		40-109
1718-51-0	Terphenyl-d14 (Surr)	72		16-151

Report Date: 27-May-2015 14:27:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2631.D
Lims ID: 460-95181-E-4-A MS
Client ID:
Sample Type: MS
Inject. Date: 27-May-2015 12:03:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-027
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 01:19:55 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:27:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.684	1.619	0.065	96	175901	50.0	16.9	
	2 N-Nitrosodimethylamine	74	1.902	1.849	0.053	87	348144	50.0	23.3	
	3 Pyridine	79	1.937	1.878	0.059	90	327406	50.0	13.2	
$	4 2-Fluorophenol	112	3.090	3.002	0.088	94	549666	50.0	23.9	
	5 Benzaldehyde	77	3.854	3.825	0.029	96	756082	100.0	38.1	
$	6 Phenol-d5	99	3.943	3.937	0.006	92	712798	50.0	25.8	
	8 Aniline	93	3.960	3.943	0.017	90	685239	50.0	19.1	
	7 Phenol	94	3.954	3.949	0.005	95	771169	50.0	25.8	
	9 Bis(2-chloroethyl)ether	93	4.019	4.007	0.012	97	623386	50.0	28.1	
	10 Benzonitrile	103	4.037	4.031	0.006	67	1108274	NC	NC	
	11 2-Chlorophenol	128	4.084	4.072	0.012	94	557902	50.0	24.9	
	12 n-Decane	43	4.113	4.113	0.000	88	544697	50.0	20.0	
	13 1,3-Dichlorobenzene	146	4.225	4.213	0.012	93	610206	50.0	24.0	
*	14 1,4-Dichlorobenzene-d4	152	4.278	4.266	0.012	98	620590	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.296	4.284	0.012	93	628574	50.0	24.4	
	16 Benzyl alcohol	108	4.443	4.419	0.024	92	158345	50.0	12.2	
	17 1,2-Dichlorobenzene	146	4.448	4.437	0.011	94	585784	50.0	24.9	
	18 2-Methylphenol	108	4.548	4.548	0.000	82	535549	50.0	27.3	
	19 2,2'-oxybis[1-chloropropan	45	4.548	4.548	0.000	84	754210	50.0	24.0	
	20 N-Methylaniline	106	4.672	4.672	0.000	97	813437	NC	NC	
	21 Acetophenone	105	4.678	4.684	-0.006	92	839148	50.0	28.9	
	22 N-Nitrosodi-n-propylamine	70	4.684	4.690	-0.006	89	463495	50.0	30.7	
	24 4-Methylphenol	108	4.701	4.707	-0.006	94	572117	50.0	26.3	
	23 3 & 4 Methylphenol	108	4.701	4.707	-0.006	97	572117	50.0	26.3	
	25 Hexachloroethane	117	4.778	4.778	0.000	96	189838	50.0	20.4	
$	26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	633153	50.0	25.6	
	28 Nitrobenzene	77	4.848	4.854	-0.006	92	846794	50.0	25.4	
	27 n,n'-Dimethylaniline	120	4.854	4.854	0.000	93	821980	50.0	25.1	
	29 2-Toluidine	107	4.966	4.958	0.008	39	6640		NC	
	31 Isophorone	82	5.090	5.096	-0.006	99	1112917	50.0	29.8	
	32 2-Nitrophenol	139	5.166	5.172	-0.006	88	154319	50.0	13.7	
	33 2,4-Dimethylphenol	122	5.231	5.231	0.000	90	468468	50.0	26.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	99	679595	50.0	28.5	
36 2,4-Dichlorophenol	162	5.425	5.425	0.000	94	366564	50.0	23.5	
37 1,2,4-Trichlorobenzene	180	5.495	5.495	0.000	94	485014	50.0	27.5	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2233204	40.0	40.0	
39 Naphthalene	128	5.572	5.572	0.000	100	1654667	50.0	26.6	
40 4-Chloroaniline	127	5.631	5.631	0.000	96	493493	50.0	20.9	
41 Hexachlorobutadiene	225	5.701	5.701	0.000	94	282577	50.0	28.2	
42 Caprolactam	113	5.978	5.966	0.012	91	162903	100.0	36.5	
43 4-Chloro-3-methylphenol	107	6.148	6.137	0.011	97	396197	50.0	25.9	
44 2-Methylnaphthalene	142	6.260	6.266	-0.006	85	1075670	50.0	28.4	
45 1-Methylnaphthalene	142	6.360	6.366	-0.006	94	926882	50.0	26.6	
46 Hexachlorocyclopentadiene	237	6.425	6.431	-0.006	96	24778	50.0	2.69	
47 1,2,4,5-Tetrachlorobenzene	216	6.431	6.442	-0.011	96	439749	50.0	28.9	
48 2-tertbutyl-4-methylphenol	149	6.478	6.484	-0.006	91	666485	50.0	28.1	
49 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	87	196532	50.0	20.1	
50 2,4,5-Trichlorophenol	196	6.607	6.601	0.006	96	176136	50.0	17.5	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	1118622	50.0	29.4	
52 1,1'-Biphenyl	154	6.725	6.731	-0.006	95	1198361	50.0	28.5	
53 2-Chloronaphthalene	162	6.742	6.754	-0.012	98	908612	50.0	27.9	
54 Phenyl ether	170	6.831	6.837	-0.006	86	616575	50.0	28.3	
56 2-Nitroaniline	65	6.854	6.860	-0.006	95	231602	50.0	18.6	
57 1,3-Dimethylnaphthalene	156	6.960	6.972	-0.012	92	734663	50.0	28.9	
58 Dimethyl phthalate	163	7.031	7.048	-0.017	99	961858	50.0	31.7	
59 Coumarin	146	7.054	7.066	-0.012	77	283920	50.0	29.9	
60 2,6-Dinitrotoluene	165	7.089	7.101	-0.012	94	167091	50.0	24.1	
61 Acenaphthylene	152	7.154	7.160	-0.006	97	1310586	50.0	28.4	
62 1-Naphthylamine	143	7.213	7.228	-0.015	35	262		NC	
63 2-Naphthylamine	143	7.313	7.228	0.085	44	12130		NC	
64 3-Nitroaniline	138	7.260	7.272	-0.012	92	185663	50.0	23.8	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	93	1000357	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.319	7.325	-0.006	97	771882	50.0	27.8	
67 Acenaphthene	154	7.325	7.337	-0.012	94	823618	50.0	26.4	
68 2,4-Dinitrophenol	184	7.366	7.378	-0.012	5	713	100.0	2.40	7
69 4-Nitrophenol	65	7.466	7.472	-0.006	83	114088	100.0	20.1	
70 2,4-Dinitrotoluene	165	7.484	7.495	-0.011	92	175984	50.0	21.6	
71 Dibenzofuran	168	7.495	7.507	-0.012	97	1152497	50.0	27.8	
72 2,3,4,6-Tetrachlorophenol	232	7.631	7.637	-0.006	93	89155	50.0	13.2	
73 Diethyl phthalate	149	7.725	7.737	-0.011	98	888593	50.0	32.2	
74 4-Chlorophenyl phenyl ethe	204	7.831	7.837	-0.005	78	446333	50.0	30.3	
75 Fluorene	166	7.831	7.842	-0.011	95	914391	50.0	29.3	
76 4-Nitroaniline	138	7.860	7.878	-0.018	92	124244	50.0	18.9	
77 4,6-Dinitro-2-methylphenol	198	7.889	7.907	-0.018	85	6111	100.0	2.88	
78 N-Nitrosodiphenylamine	169	7.954	7.960	-0.006	66	1261990		68.4	
79 1,2-Diphenylhydrazine	77	7.989	7.995	-0.006	98	902007	50.0	29.6	
$ 80 2,4,6-Tribromophenol	330	8.072	8.084	-0.012	93	64684	50.0	19.1	
81 4-Bromophenyl phenyl ether	248	8.307	8.319	-0.012	87	222836	50.0	35.2	
83 Hexachlorobenzene	284	8.384	8.389	-0.005	98	219116	50.0	34.6	
84 Atrazine	200	8.484	8.495	-0.011	93	391835	100.0	72.6	
85 Pentachlorophenol	266	8.583	8.589	-0.006	90	42701	100.0	11.2	
86 Pentachloronitrobenzene	237	8.589	8.601	-0.012	88	61727	50.0	23.8	
87 n-Octadecane	57	8.648	8.660	-0.012	92	680027	50.0	31.7	
* 88 Phenanthrene-d10	188	8.754	8.760	-0.006	99	1081297	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.778	8.789	-0.011	97	1098741	50.0	34.4	
90 Anthracene	178	8.825	8.836	-0.011	98	957849	50.0	29.6	
91 Carbazole	167	8.983	8.995	-0.012	96	723448	50.0	26.6	
92 Di-n-butyl phthalate	149	9.325	9.336	-0.011	100	1102365	50.0	34.3	
93 Fluoranthene	202	9.942	9.954	-0.012	98	812908	50.0	30.4	
94 Benzidine	184	10.072	10.083	-0.011	99	23477	50.0	2.07	
95 Pyrene	202	10.166	10.178	-0.012	97	751814	50.0	36.8	
$ 96 Terphenyl-d14	244	10.319	10.330	-0.011	99	475067	50.0	35.8	
97 Butyl benzyl phthalate	149	10.830	10.854	-0.024	98	272322	50.0	35.1	
99 Carbamazepine	193	10.960	10.977	-0.017	91	131171	50.0	27.6	
100 3,3'-Dichlorobenzidine	252	11.454	11.472	-0.018	99	117373	50.0	27.8	
101 Benzo[a]anthracene	228	11.483	11.501	-0.018	99	443210	50.0	31.8	
* 102 Chrysene-d12	240	11.495	11.513	-0.018	99	437923	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.519	11.542	-0.023	91	409229	50.0	39.2	
103 Chrysene	228	11.524	11.548	-0.024	99	413920	50.0	32.2	
105 Di-n-octyl phthalate	149	12.360	12.383	-0.023	98	507617	50.0	26.1	
106 Benzo[b]fluoranthene	252	12.877	12.895	-0.018	99	369627	50.0	30.8	
107 Benzo[k]fluoranthene	252	12.907	12.930	-0.023	99	369766	50.0	27.5	
108 Benzo[a]pyrene	252	13.313	13.336	-0.023	97	358195	50.0	32.3	
* 109 Perylene-d12	264	13.395	13.413	-0.018	98	382139	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.889	14.918	-0.029	99	422030	50.0	54.7	M
111 Dibenz(a,h)anthracene	278	14.918	14.948	-0.030	95	385801	50.0	47.5	
112 Benzo[g,h,i]perylene	276	15.301	15.330	-0.029	98	445410	50.0	50.7	
S 119 Total Cresols	1				0			53.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

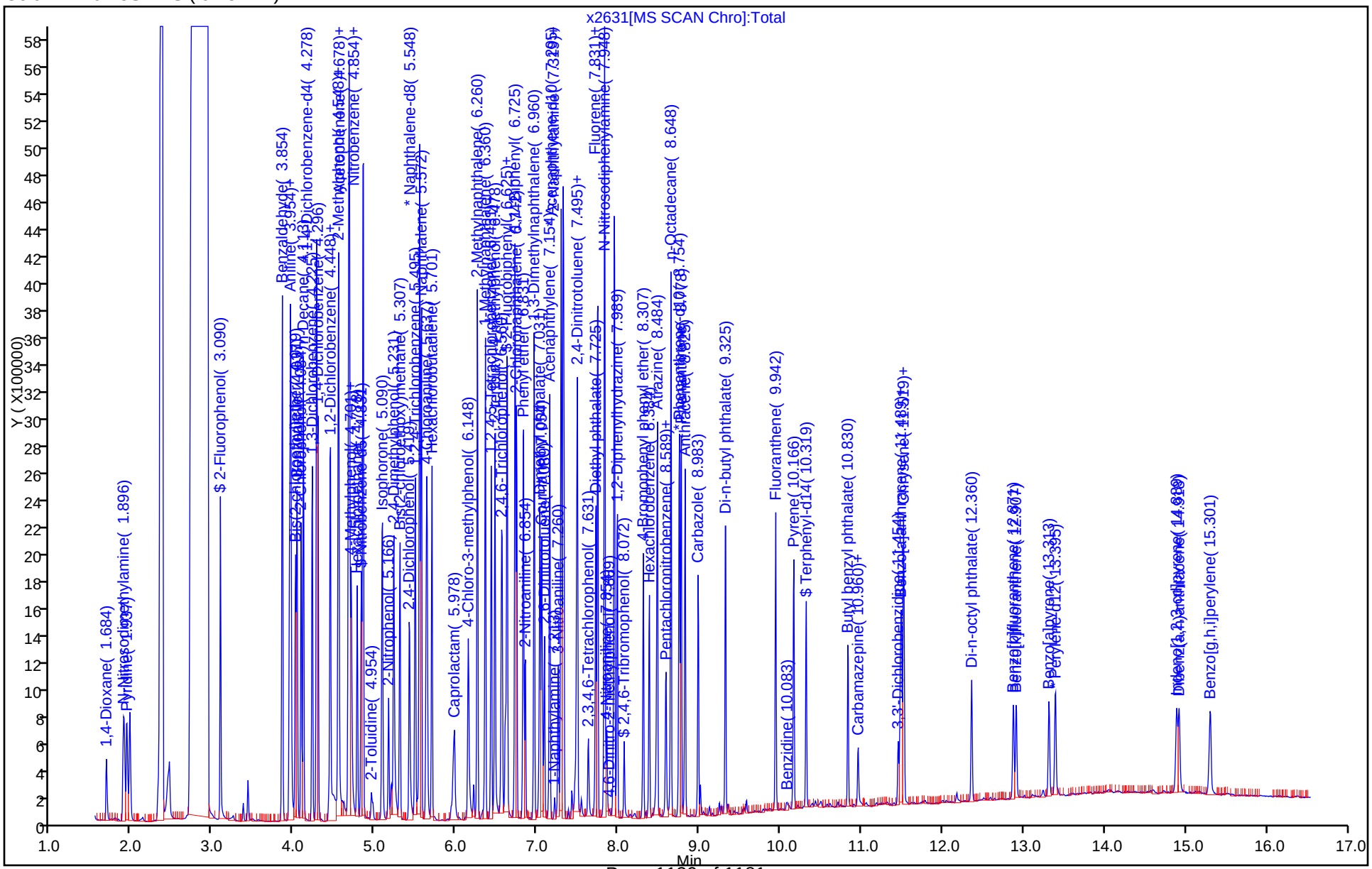
Report Date: 27-May-2015 14:27:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2631.D

Injection Date:	27-May-2015 12:03:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-4-A MS			Worklist Smp#:	27
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

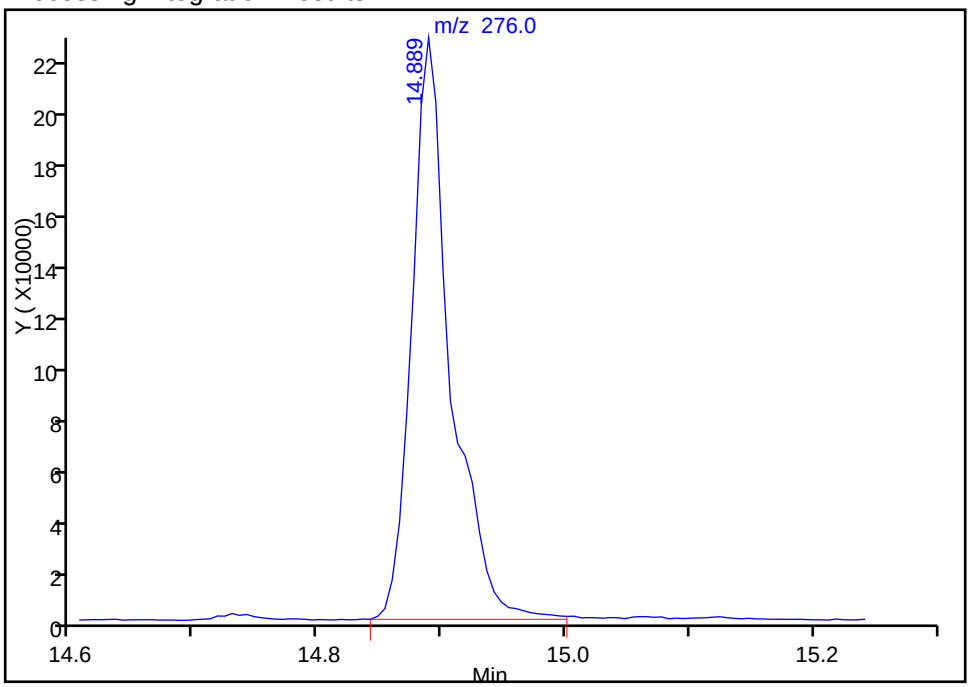
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2631.D				
Injection Date:	27-May-2015 12:03:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-A MS				
Client ID:					
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

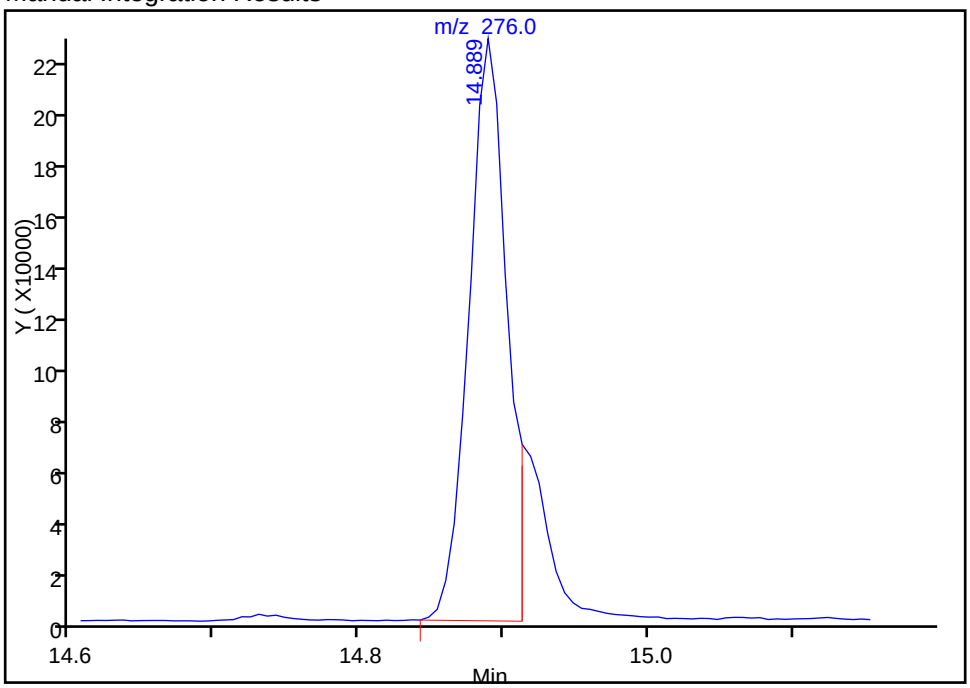
Processing Integration Results

RT: 14.89
Area: 495391
Amount: 64.213444
Amount Units: ug/ml



Manual Integration Results

RT: 14.89
Area: 422030
Amount: 54.704264
Amount Units: ug/ml



Reviewer: szczecha, 27-May-2015 14:27:56
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95030-E-1-A MS

Matrix: Solid | Lab File ID: L121833.D

Analysis Method: 8270D | Date Collected: 05/18/2015 10:25

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9856(g) | Date Analyzed: 05/24/2015 13:27

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2790		440	11
208-96-8	Acenaphthylene	3010		440	11
120-12-7	Anthracene	3230		440	42
56-55-3	Benzo[a]anthracene	3240		44	37
205-99-2	Benzo[b]fluoranthene	3530		44	17
207-08-9	Benzo[k]fluoranthene	3130		44	19
218-01-9	Chrysene	3130		440	12
50-32-8	Benzo[a]pyrene	3440		44	13
206-44-0	Fluoranthene	3240		440	13
53-70-3	Dibenz(a,h)anthracene	3650		44	23
86-73-7	Fluorene	3150		440	9.7
191-24-2	Benzo[g,h,i]perylene	3460		440	26
193-39-5	Indeno[1,2,3-cd]pyrene	3410		44	30
91-20-3	Naphthalene	3280		440	11
85-01-8	Phenanthrene	3320		440	12
129-00-0	Pyrene	3680		440	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	65		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	66		10-120
4165-62-2	Phenol-d5 (Surr)	61		41-118
367-12-4	2-Fluorophenol (Surr)	60		37-125
321-60-8	2-Fluorobiphenyl	60		40-109
1718-51-0	Terphenyl-d14 (Surr)	74		16-151

Report Date: 26-May-2015 11:42:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121833.D
Lims ID: 460-95030-E-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 24-May-2015 13:27:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-012
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: bayoumiw Date: 25-May-2015 13:16:14

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.617	1.599	0.018	91	103438	50.0	21.8	
	2 N-Nitrosodimethylamine	74	1.841	1.829	0.012	86	207426	50.0	31.9	
	3 Pyridine	79	1.882	1.864	0.018	95	166625	50.0	14.5	
$	4 2-Fluorophenol	112	3.017	3.011	0.006	96	364727	50.0	29.8	
	5 Benzaldehyde	77	3.858	3.858	0.000	95	541152	100.0	55.1	
$	6 Phenol-d5	99	3.941	3.941	0.000	89	414158	50.0	30.7	
	7 Phenol	94	3.952	3.958	-0.006	99	446071	50.0	31.9	
	8 Aniline	93	3.970	3.970	0.000	98	385640	50.0	23.3	
	9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	98	333771	50.0	30.3	
	10 2-Chlorophenol	128	4.099	4.099	0.000	97	377180	50.0	30.2	
	11 n-Decane	43	4.152	4.152	0.000	90	324083	50.0	26.3	
	12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	97	439227	50.0	29.5	
*	13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	379231	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	96	450906	50.0	30.1	
	15 Benzyl alcohol	108	4.441	4.446	-0.005	94	218822	50.0	31.2	
	16 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	97	425864	50.0	30.5	
	17 2-Methylphenol	108	4.564	4.564	0.000	92	313769	50.0	31.6	
	18 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	429263	50.0	30.1	
	22 Acetophenone	105	4.711	4.717	-0.006	92	481460	50.0	34.2	
	21 N-Nitrosodi-n-propylamine	70	4.711	4.717	-0.006	90	235579	50.0	33.6	
	20 3 & 4 Methylphenol	108	4.723	4.723	0.000	97	350751	50.0	32.3	
	19 4-Methylphenol	108	4.723	4.723	0.000	93	350751	50.0	32.3	
	25 Hexachloroethane	117	4.823	4.823	0.000	90	165677	50.0	29.3	
$	26 Nitrobenzene-d5	82	4.864	4.864	0.000	87	359199	50.0	32.4	
	27 Nitrobenzene	77	4.882	4.888	-0.006	97	489307	50.0	33.0	
	28 n,n'-Dimethylaniline	120	4.888	4.893	-0.005	94	519955	50.0	30.3	
	24 2-Toluidine	107	4.911	4.928	-0.017	1	298		NC	
	29 Isophorone	82	5.123	5.129	-0.006	99	576949	50.0	35.6	
	30 2-Nitrophenol	139	5.205	5.211	-0.006	94	192813	50.0	32.8	
	31 2,4-Dimethylphenol	122	5.258	5.258	0.000	91	299089	50.0	33.1	
	32 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	99	370032	50.0	32.5	
	33 Benzoic acid	122	5.317	5.376	-0.059	89	21593	50.0	7.68	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.452	5.458	-0.006	96	298190	50.0	32.8	
35 1,2,4-Trichlorobenzene	180	5.541	5.540	0.001	94	342857	50.0	31.6	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1260861	40.0	40.0	
37 Naphthalene	128	5.611	5.617	-0.006	100	1176563	50.0	36.5	
38 4-Chloroaniline	127	5.670	5.670	0.000	98	306018	50.0	24.6	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	97	210535	50.0	31.2	
40 Caprolactam	113	6.011	5.999	0.012	93	132789	100.0	67.3	
41 4-Chloro-3-methylphenol	107	6.170	6.164	0.006	94	235910	50.0	34.1	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	85	867711	50.0	43.5	
43 1-Methylnaphthalene	142	6.405	6.411	-0.006	93	676680	50.0	36.8	
47 Benzidine_T	184	6.482	6.457	0.025	51	1602		NC	
44 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	97	215381	50.0	32.4	
45 1,2,4,5-Tetrachlorobenzene	216	6.482	6.487	-0.005	98	333724	50.0	30.0	
46 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	92	415553	50.0	31.9	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	93	196589	50.0	31.4	
49 2,4,5-Trichlorophenol	196	6.635	6.634	0.001	99	198591	50.0	30.2	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	753125	50.0	30.0	
51 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	793211	50.0	31.4	
52 2-Chloronaphthalene	162	6.793	6.799	-0.006	99	618701	50.0	30.4	
53 Phenyl ether	170	6.882	6.882	0.000	86	421801	50.0	30.2	
54 2-Nitroaniline	65	6.893	6.899	-0.006	97	185344	50.0	33.8	
55 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	527089	50.0	33.1	
58 Dimethyl phthalate	163	7.082	7.087	-0.005	99	602019	50.0	34.2	
59 Coumarin	146	7.099	7.099	0.000	80	201601	50.0	37.4	
60 2,6-Dinitrotoluene	165	7.135	7.140	-0.005	96	141075	50.0	37.0	
61 Acenaphthylene	152	7.205	7.205	0.000	98	934884	50.0	33.5	
56 1-Naphthylamine	143	7.205	7.228	-0.023	45	353		NC	
57 2-Naphthylamine	143	7.205	7.228	-0.023	44	353		NC	
62 3-Nitroaniline	138	7.299	7.305	-0.006	97	122967	50.0	28.8	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	93	596661	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.376	7.376	0.000	96	522323	50.0	29.3	
65 Acenaphthene	154	7.376	7.381	-0.005	95	571719	50.0	31.1	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	95	112138	100.0	51.8	
67 4-Nitrophenol	65	7.476	7.481	-0.005	91	169648	100.0	69.5	
68 2,4-Dinitrotoluene	165	7.535	7.534	0.001	97	170883	50.0	39.1	
69 Dibenzofuran	168	7.546	7.552	-0.006	96	823056	50.0	32.5	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	97	158297	50.0	33.3	
71 Diethyl phthalate	149	7.776	7.781	-0.005	99	549013	50.0	34.2	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	78	315687	50.0	32.0	
74 Fluorene	166	7.887	7.887	0.000	95	653128	50.0	35.1	
75 4-Nitroaniline	138	7.905	7.911	-0.006	87	134170	50.0	34.1	
76 4,6-Dinitro-2-methylphenol	198	7.935	7.940	-0.005	90	174324	100.0	65.5	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	67	863307		68.8	
78 1,2-Diphenylhydrazine	77	8.040	8.046	-0.006	97	562529	50.0	32.6	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	135072	50.0	33.1	
80 4-Bromophenyl phenyl ether	248	8.364	8.370	-0.006	96	191124	50.0	34.5	
81 Hexachlorobenzene	284	8.434	8.440	-0.006	95	228721	50.0	35.7	
82 Atrazine	200	8.534	8.534	0.000	95	305270	100.0	90.7	
83 Pentachlorophenol	266	8.629	8.634	-0.005	95	231201	100.0	60.5	
84 Pentachloronitrobenzene	237	8.640	8.646	-0.006	91	71760	50.0	35.3	
72 n-Octadecane	57	8.711	8.711	0.000	94	315240	50.0	32.3	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	827663	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Phenanthrene	178	8.829	8.834	-0.005	97	828740	50.0	37.0	
87 Anthracene	178	8.882	8.881	0.001	98	810070	50.0	35.9	
88 Carbazole	167	9.034	9.040	-0.006	96	686164	50.0	36.6	
89 Di-n-butyl phthalate	149	9.381	9.387	-0.006	99	780127	50.0	33.2	
90 Fluoranthene	202	9.999	9.999	0.000	98	775165	50.0	36.1	
91 Benzidine	184	10.128	10.128	0.000	98	13344	50.0	5.70	
92 Pyrene	202	10.223	10.222	0.001	97	791885	50.0	41.0	
93 Bisphenol-A	213	10.270	10.270	0.000	99	122834	25.0	14.9	
$ 94 Terphenyl-d14	244	10.376	10.381	-0.005	99	587731	50.0	36.9	
95 Butyl benzyl phthalate	149	10.899	10.905	-0.006	97	294575	50.0	36.8	
97 Carbamazepine	193	11.023	11.034	-0.011	91	233553	50.0	23.4	
98 3,3'-Dichlorobenzidine	252	11.523	11.528	-0.005	98	246409	50.0	30.7	
99 Benzo[a]anthracene	228	11.552	11.558	-0.006	98	697925	50.0	36.1	
* 100 Chrysene-d12	240	11.564	11.569	-0.005	99	697866	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.593	11.599	-0.006	77	451305	50.0	33.6	
101 Chrysene	228	11.593	11.605	-0.012	98	673177	50.0	34.9	
103 Di-n-octyl phthalate	149	12.446	12.452	-0.006	96	740187	50.0	29.0	
104 Benzo[b]fluoranthene	252	12.952	12.963	-0.011	99	875272	50.0	39.3	
105 Benzo[k]fluoranthene	252	12.987	12.999	-0.012	99	903035	50.0	34.9	
106 Benzo[a]pyrene	252	13.393	13.405	-0.012	97	905737	50.0	38.3	
* 107 Perylene-d12	264	13.475	13.481	-0.006	99	982049	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.916	14.928	-0.012	99	1284032	50.0	37.9	
109 Dibenz(a,h)anthracene	278	14.952	14.957	-0.005	98	1255280	50.0	40.7	
110 Benzo[g,h,i]perylene	276	15.269	15.281	-0.012	98	1348801	50.0	38.5	
S 117 Total Cresols	1				0			63.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

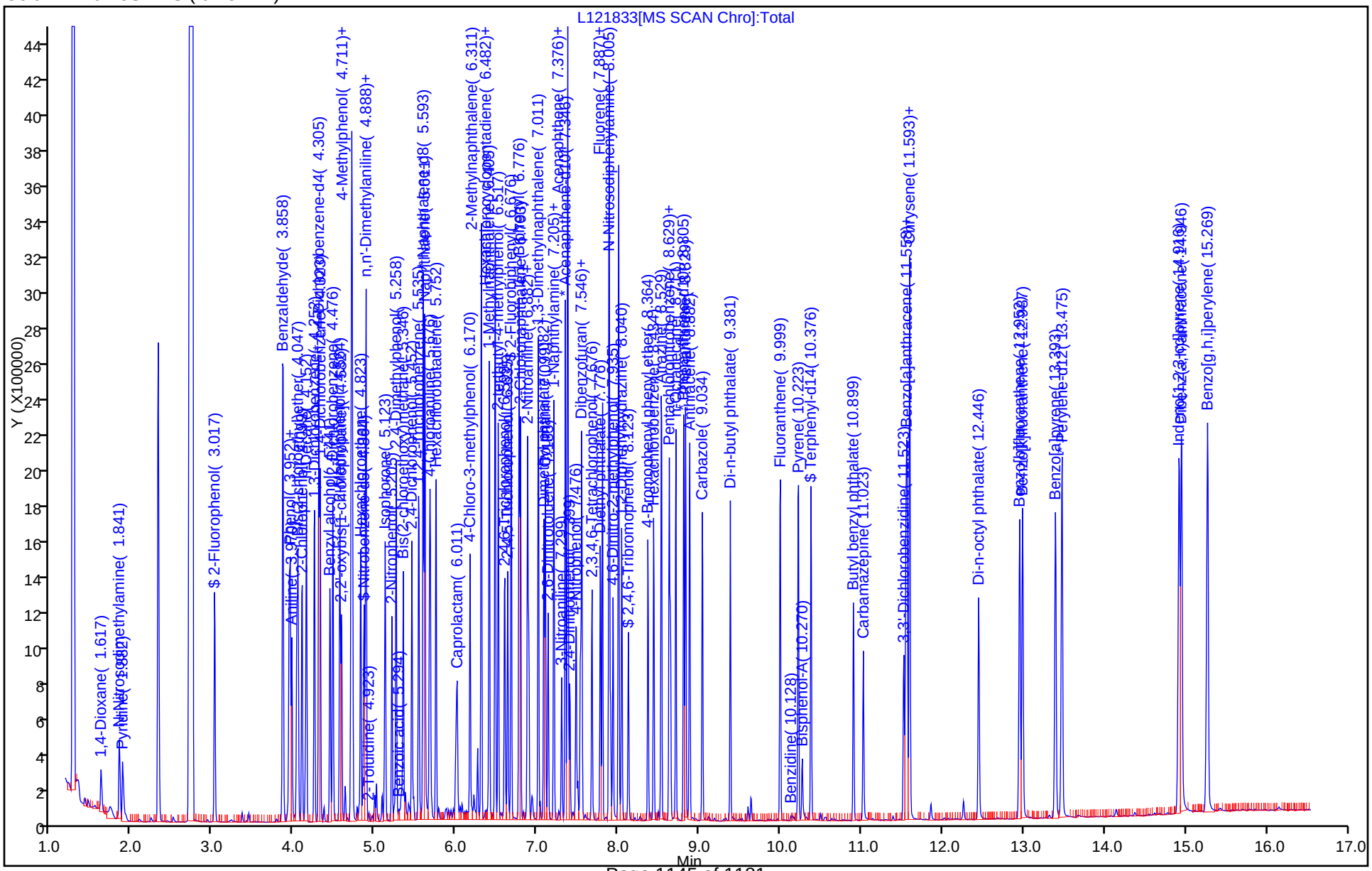
Report Date: 26-May-2015 11:42:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121833.D

Injection Date:	24-May-2015 13:27:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-95030-E-1-A MS			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: SB-4 (20-23) MSD | Lab Sample ID: 460-95181-4 MSD

Matrix: Solid | Lab File ID: x2632.D

Analysis Method: 8270D | Date Collected: 05/19/2015 12:55

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:18

Sample wt/vol: 15.0111(g) | Date Analyzed: 05/27/2015 12:26

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300959 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2180		400	9.6
208-96-8	Acenaphthylene	2420		400	10
120-12-7	Anthracene	2420		400	38
56-55-3	Benzo[a]anthracene	2670		40	33
205-99-2	Benzo[b]fluoranthene	2560		40	16
207-08-9	Benzo[k]fluoranthene	2210		40	17
218-01-9	Chrysene	2600		400	11
50-32-8	Benzo[a]pyrene	2660		40	12
206-44-0	Fluoranthene	2640		400	12
53-70-3	Dibenz(a,h)anthracene	4280		40	21
86-73-7	Fluorene	2380		400	8.7
191-24-2	Benzo[g,h,i]perylene	4450		400	23
193-39-5	Indeno[1,2,3-cd]pyrene	4670		40	27
91-20-3	Naphthalene	2250		400	10
85-01-8	Phenanthrene	2860		400	11
129-00-0	Pyrene	2740		400	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	55		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	35		10-120
4165-62-2	Phenol-d5 (Surr)	52		41-118
367-12-4	2-Fluorophenol (Surr)	49		37-125
321-60-8	2-Fluorobiphenyl	64		40-109
1718-51-0	Terphenyl-d14 (Surr)	68		16-151

Report Date: 27-May-2015 14:28:17 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2632.D
Lims ID: 460-95181-E-4-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 27-May-2015 12:26:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027826-028
Operator ID: Instrument ID: CBNAMS5

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\8270_5R.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 01:19:55 Calib Date: 10-May-2015 13:21:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150510-27215.b\x1968.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: szczecha Date: 27-May-2015 14:28:17

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.690	1.619	0.071	98	187405	50.0	18.3	
	2 N-Nitrosodimethylamine	74	1.907	1.849	0.058	86	371183	50.0	25.3	
	3 Pyridine	79	1.943	1.878	0.065	90	330952	50.0	13.6	
$	4 2-Fluorophenol	112	3.095	3.002	0.093	94	554568	50.0	24.6	
	5 Benzaldehyde	77	3.854	3.825	0.029	97	765072	100.0	39.3	
$	6 Phenol-d5	99	3.942	3.937	0.005	88	699489	50.0	25.8	
	8 Aniline	93	3.960	3.943	0.017	89	622956	50.0	17.7	
	7 Phenol	94	3.960	3.949	0.011	96	749730	50.0	25.6	
	9 Bis(2-chloroethyl)ether	93	4.019	4.007	0.012	97	646369	50.0	29.7	
	10 Benzonitrile	103	4.037	4.031	0.006	67	1108977	NC	NC	
	11 2-Chlorophenol	128	4.090	4.072	0.018	94	547414	50.0	24.9	
	12 n-Decane	43	4.113	4.113	0.000	88	573357	50.0	21.5	
	13 1,3-Dichlorobenzene	146	4.225	4.213	0.012	94	622900	50.0	25.0	
*	14 1,4-Dichlorobenzene-d4	152	4.278	4.266	0.012	98	608257	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.295	4.284	0.011	93	645503	50.0	25.6	
	16 Benzyl alcohol	108	4.448	4.419	0.029	88	150042	50.0	11.8	
	17 1,2-Dichlorobenzene	146	4.448	4.437	0.011	94	607492	50.0	26.3	
	18 2-Methylphenol	108	4.548	4.548	0.000	82	535971	50.0	27.8	
	19 2,2'-oxybis[1-chloropropan	45	4.548	4.548	0.000	93	762470	50.0	24.8	
	20 N-Methylaniline	106	4.672	4.672	0.000	99	816281	NC	NC	
	21 Acetophenone	105	4.678	4.684	-0.006	92	843091	50.0	29.7	
	22 N-Nitrosodi-n-propylamine	70	4.684	4.690	-0.006	88	457901	50.0	30.9	
	24 4-Methylphenol	108	4.701	4.707	-0.006	93	555812	50.0	26.0	
	23 3 & 4 Methylphenol	108	4.701	4.707	-0.006	97	555812	50.0	26.0	
	25 Hexachloroethane	117	4.778	4.778	0.000	95	193259	50.0	21.2	
$	26 Nitrobenzene-d5	82	4.831	4.831	0.000	89	635672	50.0	27.7	
	28 Nitrobenzene	77	4.848	4.854	-0.006	92	830173	50.0	26.8	
	27 n,n'-Dimethylaniline	120	4.854	4.854	0.000	94	817772	50.0	25.5	
	29 2-Toluidine	107	4.960	4.958	0.002	38	6055		NC	
	31 Isophorone	82	5.084	5.096	-0.012	99	1095728	50.0	31.6	
	32 2-Nitrophenol	139	5.166	5.172	-0.006	88	128593	50.0	12.3	
	33 2,4-Dimethylphenol	122	5.231	5.231	0.000	90	447382	50.0	27.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.307	5.307	0.000	99	672137	50.0	30.3	
36 2,4-Dichlorophenol	162	5.425	5.425	0.000	95	332481	50.0	23.0	
37 1,2,4-Trichlorobenzene	180	5.495	5.495	0.000	94	477442	50.0	29.2	
* 38 Naphthalene-d8	136	5.548	5.542	0.006	100	2074803	40.0	40.0	
39 Naphthalene	128	5.572	5.572	0.000	100	1614494	50.0	27.9	
40 4-Chloroaniline	127	5.631	5.631	0.000	96	448125	50.0	20.4	
41 Hexachlorobutadiene	225	5.701	5.701	0.000	95	284924	50.0	30.6	
42 Caprolactam	113	5.972	5.966	0.006	92	136638	100.0	32.9	
43 4-Chloro-3-methylphenol	107	6.148	6.137	0.011	97	329106	50.0	23.2	
44 2-Methylnaphthalene	142	6.260	6.266	-0.006	85	1022277	50.0	29.1	
45 1-Methylnaphthalene	142	6.360	6.366	-0.006	93	856397	50.0	26.5	
46 Hexachlorocyclopentadiene	237	6.425	6.431	-0.006	95	17960	50.0	2.27	
47 1,2,4,5-Tetrachlorobenzene	216	6.431	6.442	-0.011	98	408595	50.0	31.2	
48 2-tertbutyl-4-methylphenol	149	6.478	6.484	-0.006	91	622052	50.0	28.3	
49 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	87	164896	50.0	19.6	
50 2,4,5-Trichlorophenol	196	6.607	6.601	0.006	96	136441	50.0	15.8	
$ 51 2-Fluorobiphenyl	172	6.631	6.637	-0.006	98	1054373	50.0	32.2	
52 1,1'-Biphenyl	154	6.725	6.731	-0.006	95	1107328	50.0	30.5	
53 2-Chloronaphthalene	162	6.742	6.754	-0.012	98	839733	50.0	29.9	
54 Phenyl ether	170	6.831	6.837	-0.007	86	581372	50.0	31.0	
56 2-Nitroaniline	65	6.848	6.860	-0.012	95	204289	50.0	19.1	
57 1,3-Dimethylnaphthalene	156	6.960	6.972	-0.012	94	674637	50.0	30.9	
58 Dimethyl phthalate	163	7.031	7.048	-0.018	99	899144	50.0	34.4	
59 Coumarin	146	7.054	7.066	-0.012	77	246257	50.0	27.9	
60 2,6-Dinitrotoluene	165	7.089	7.101	-0.012	95	145006	50.0	24.3	
61 Acenaphthylene	152	7.154	7.160	-0.006	97	1197657	50.0	30.1	
62 1-Naphthylamine	143	7.195	7.228	-0.033	1	164		NC	
63 2-Naphthylamine	143	7.313	7.228	0.085	45	10323		NC	
64 3-Nitroaniline	138	7.260	7.272	-0.012	93	172536	50.0	25.7	
* 65 Acenaphthene-d10	164	7.295	7.295	0.000	92	861027	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.319	7.325	-0.006	97	724824	50.0	30.3	
67 Acenaphthene	154	7.325	7.337	-0.012	95	728089	50.0	27.1	
69 4-Nitrophenol	65	7.483	7.472	0.011	79	75855	100.0	15.5	
70 2,4-Dinitrotoluene	165	7.483	7.495	-0.012	94	146483	50.0	20.9	
71 Dibenzofuran	168	7.495	7.507	-0.012	96	1016915	50.0	28.5	
72 2,3,4,6-Tetrachlorophenol	232	7.630	7.637	-0.007	93	69537	50.0	11.9	
73 Diethyl phthalate	149	7.719	7.737	-0.017	98	798226	50.0	33.6	
74 4-Chlorophenyl phenyl ethe	204	7.830	7.837	-0.006	78	392138	50.0	31.0	
75 Fluorene	166	7.830	7.842	-0.012	95	794059	50.0	29.6	
76 4-Nitroaniline	138	7.860	7.878	-0.018	92	103119	50.0	18.2	
77 4,6-Dinitro-2-methylphenol	198	7.889	7.907	-0.018	81	1677	100.0	1.95	
78 N-Nitrosodiphenylamine	169	7.948	7.960	-0.012	67	1063372		71.3	
79 1,2-Diphenylhydrazine	77	7.983	7.995	-0.012	97	781343	50.0	31.7	
$ 80 2,4,6-Tribromophenol	330	8.072	8.084	-0.012	94	50958	50.0	17.5	
81 4-Bromophenyl phenyl ether	248	8.307	8.319	-0.012	87	193446	50.0	37.8	
83 Hexachlorobenzene	284	8.383	8.389	-0.006	98	186424	50.0	36.5	
84 Atrazine	200	8.483	8.495	-0.012	93	343389	100.0	78.8	
85 Pentachlorophenol	266	8.583	8.589	-0.006	88	34796	100.0	11.3	
86 Pentachloronitrobenzene	237	8.589	8.601	-0.012	90	51975	50.0	24.8	
87 n-Octadecane	57	8.648	8.660	-0.012	92	593803	50.0	34.3	
* 88 Phenanthrene-d10	188	8.754	8.760	-0.006	99	873037	40.0	40.0	
89 Phenanthrene	178	8.772	8.789	-0.017	98	917667	50.0	35.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.825	8.836	-0.012	98	789027	50.0	30.2	
91 Carbazole	167	8.983	8.995	-0.012	96	615764	50.0	28.1	
92 Di-n-butyl phthalate	149	9.324	9.336	-0.012	100	965168	50.0	37.2	
93 Fluoranthene	202	9.942	9.954	-0.012	98	709539	50.0	32.9	
94 Benzidine	184	10.077	10.083	-0.006	99	26204	50.0	2.86	
95 Pyrene	202	10.166	10.178	-0.012	98	651517	50.0	34.1	
$ 96 Terphenyl-d14	244	10.319	10.330	-0.011	99	423155	50.0	34.1	
97 Butyl benzyl phthalate	149	10.830	10.854	-0.024	98	255991	50.0	35.3	
99 Carbamazepine	193	10.960	10.977	-0.017	92	126972	50.0	28.5	
100 3,3'-Dichlorobenzidine	252	11.454	11.472	-0.018	100	115907	50.0	29.4	
101 Benzo[a]anthracene	228	11.483	11.501	-0.018	98	432910	50.0	33.2	
* 102 Chrysene-d12	240	11.495	11.513	-0.018	99	410041	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.513	11.542	-0.029	91	377925	50.0	38.7	
103 Chrysene	228	11.524	11.548	-0.024	99	389113	50.0	32.3	
105 Di-n-octyl phthalate	149	12.360	12.383	-0.023	98	501641	50.0	24.0	
106 Benzo[b]fluoranthene	252	12.871	12.895	-0.024	99	411304	50.0	31.9	
107 Benzo[k]fluoranthene	252	12.907	12.930	-0.023	99	397138	50.0	27.5	
108 Benzo[a]pyrene	252	13.312	13.336	-0.024	97	393688	50.0	33.1	
* 109 Perylene-d12	264	13.395	13.413	-0.018	98	409863	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.889	14.918	-0.029	99	481119	50.0	58.1	M
111 Dibenz(a,h)anthracene	278	14.918	14.948	-0.030	96	463441	50.0	53.3	
112 Benzo[g,h,i]perylene	276	15.306	15.330	-0.024	98	521628	50.0	55.4	
S 119 Total Cresols	1				0			53.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

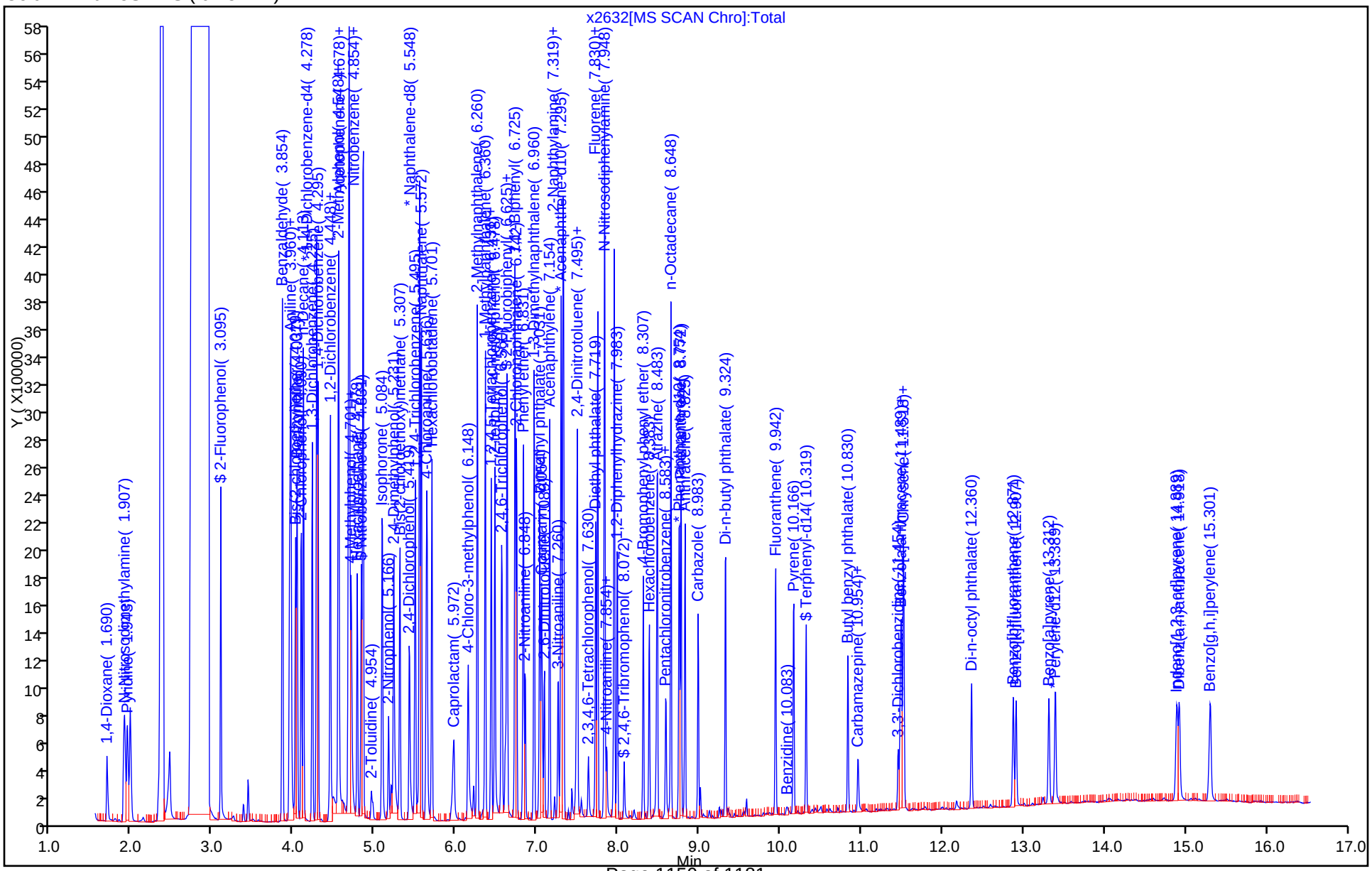
Report Date: 27-May-2015 14:28:17 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2632.D

Injection Date:	27-May-2015 12:26:30	Instrument ID:	CBNAMS5	Operator ID:	
Lims ID:	460-95181-E-4-B MSD			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8270_5R	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

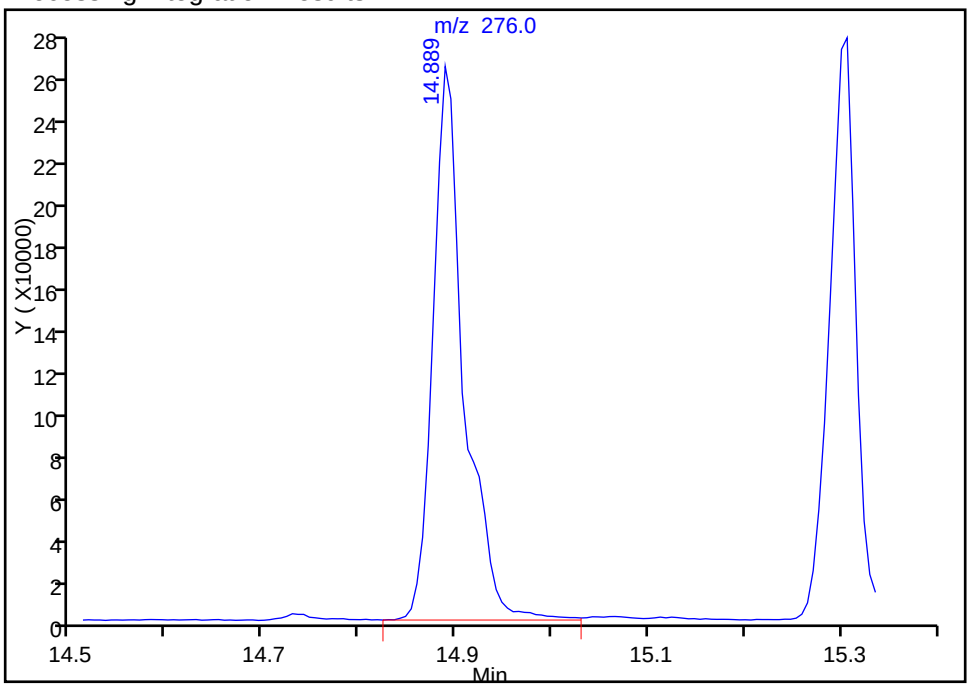
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS5\20150527-27826.b\x2632.D				
Injection Date:	27-May-2015 12:26:30	Instrument ID:	CBNAMS5		
Lims ID:	460-95181-E-4-B MSD				
Client ID:					
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

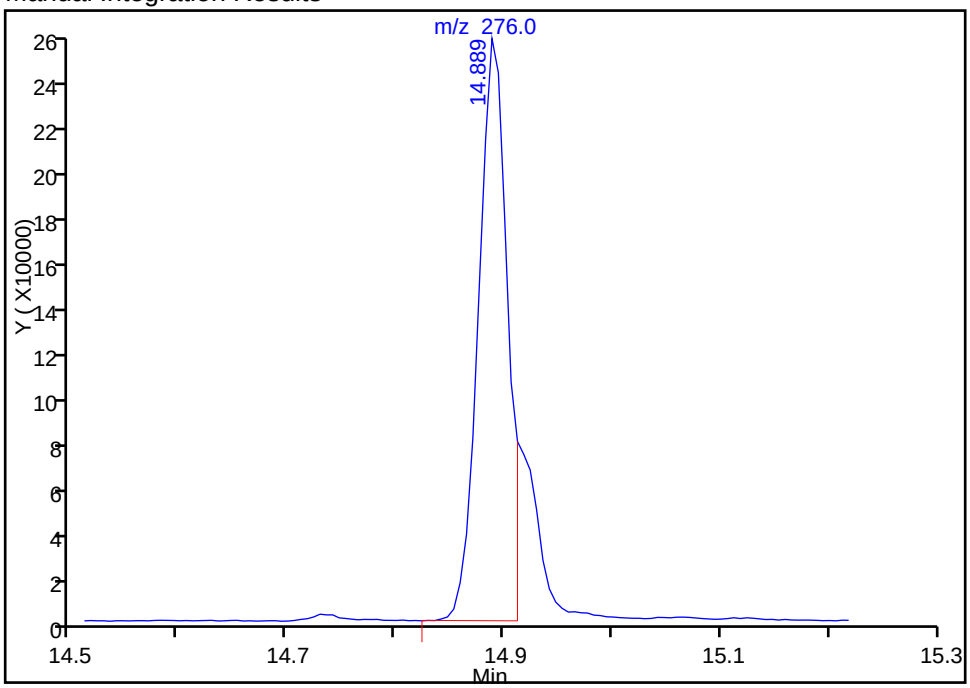
Processing Integration Results

RT: 14.89
Area: 577849
Amount: 69.835278
Amount Units: ug/ml



Manual Integration Results

RT: 14.89
Area: 481119
Amount: 58.145085
Amount Units: ug/ml



Reviewer: szczecha, 27-May-2015 14:28:17
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95181-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95030-E-1-B MSD

Matrix: Solid | Lab File ID: L121834.D

Analysis Method: 8270D | Date Collected: 05/18/2015 10:25

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9932(g) | Date Analyzed: 05/24/2015 13:52

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2750		440	11
208-96-8	Acenaphthylene	2970		440	11
120-12-7	Anthracene	3230		440	42
56-55-3	Benzo[a]anthracene	3210		44	37
205-99-2	Benzo[b]fluoranthene	3490		44	17
207-08-9	Benzo[k]fluoranthene	3180		44	19
218-01-9	Chrysene	3120		440	12
50-32-8	Benzo[a]pyrene	3420		44	13
206-44-0	Fluoranthene	3300		440	13
53-70-3	Dibenz(a,h)anthracene	3500		44	23
86-73-7	Fluorene	3120		440	9.7
191-24-2	Benzo[g,h,i]perylene	3250		440	26
193-39-5	Indeno[1,2,3-cd]pyrene	3250		44	30
91-20-3	Naphthalene	3240		440	11
85-01-8	Phenanthrene	3270		440	12
129-00-0	Pyrene	3450		440	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5 (Surr)	64		38-105
118-79-6	2,4,6-Tribromophenol (Surr)	66		10-120
4165-62-2	Phenol-d5 (Surr)	60		41-118
367-12-4	2-Fluorophenol (Surr)	59		37-125
321-60-8	2-Fluorobiphenyl	59		40-109
1718-51-0	Terphenyl-d14 (Surr)	69		16-151

Report Date: 26-May-2015 11:42:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121834.D
Lims ID: 460-95030-E-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 24-May-2015 13:52:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-013
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: bayoumiw Date: 25-May-2015 13:16:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.617	1.599	0.018	92	97329	50.0	21.2	
2 N-Nitrosodimethylamine	74	1.841	1.829	0.012	87	196634	50.0	31.3	
3 Pyridine	79	1.882	1.864	0.018	93	156573	50.0	14.1	
$ 4 2-Fluorophenol	112	3.017	3.011	0.006	96	346857	50.0	29.3	
5 Benzaldehyde	77	3.858	3.858	0.000	96	513815	100.0	54.1	
$ 6 Phenol-d5	99	3.941	3.941	0.000	90	392444	50.0	30.1	
7 Phenol	94	3.952	3.958	-0.006	98	417053	50.0	30.9	
8 Aniline	93	3.970	3.970	0.000	98	363604	50.0	22.8	
9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	99	320244	50.0	30.1	
10 2-Chlorophenol	128	4.099	4.099	0.000	97	360102	50.0	29.8	
11 n-Decane	43	4.152	4.152	0.000	89	305375	50.0	25.6	
12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	97	415504	50.0	28.8	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	366481	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	96	427062	50.0	29.5	
15 Benzyl alcohol	108	4.441	4.446	-0.005	94	212185	50.0	31.3	
16 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	97	405645	50.0	30.0	
17 2-Methylphenol	108	4.564	4.564	0.000	92	301445	50.0	31.4	
18 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	408816	50.0	29.6	
22 Acetophenone	105	4.711	4.717	-0.006	92	462680	50.0	34.0	
21 N-Nitrosodi-n-propylamine	70	4.711	4.717	-0.006	86	224790	50.0	33.2	
20 3 & 4 Methylphenol	108	4.717	4.723	-0.006	94	342104	50.0	32.6	
19 4-Methylphenol	108	4.717	4.723	-0.006	92	342104	50.0	32.6	
25 Hexachloroethane	117	4.823	4.823	0.000	91	165094	50.0	30.2	
$ 26 Nitrobenzene-d5	82	4.864	4.864	0.000	86	343350	50.0	32.2	
27 Nitrobenzene	77	4.882	4.888	-0.006	97	464234	50.0	32.6	
28 n,n'-Dimethylaniline	120	4.888	4.893	-0.005	96	494824	50.0	29.8	
24 2-Toluidine	107	4.958	4.928	0.030	45	271		NC	
29 Isophorone	82	5.123	5.129	-0.006	99	555118	50.0	35.7	
30 2-Nitrophenol	139	5.205	5.211	-0.006	94	182993	50.0	32.5	
31 2,4-Dimethylphenol	122	5.258	5.258	0.000	92	286512	50.0	33.0	
32 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	99	354881	50.0	32.4	
33 Benzoic acid	122	5.317	5.376	-0.059	90	22279	50.0	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.452	5.458	-0.006	96	283647	50.0	32.5	
35 1,2,4-Trichlorobenzene	180	5.535	5.540	-0.005	94	330464	50.0	31.7	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1210286	40.0	40.0	
37 Naphthalene	128	5.611	5.617	-0.006	100	1117683	50.0	36.2	
38 4-Chloroaniline	127	5.670	5.670	0.000	98	292108	50.0	24.5	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	97	200111	50.0	30.9	
40 Caprolactam	113	6.005	5.999	0.006	92	128226	100.0	67.7	
41 4-Chloro-3-methylphenol	107	6.170	6.164	0.006	94	232930	50.0	35.1	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	86	838206	50.0	43.8	
43 1-Methylnaphthalene	142	6.405	6.411	-0.006	94	650001	50.0	36.8	
47 Benzidine_T	184	6.482	6.457	0.025	51	1477		NC	
44 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	98	202261	50.0	30.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.482	6.487	-0.005	98	321615	50.0	29.3	
46 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	92	402961	50.0	32.2	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	92	189917	50.0	30.8	
49 2,4,5-Trichlorophenol	196	6.635	6.634	0.001	99	191956	50.0	29.6	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	726311	50.0	29.4	
51 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	767513	50.0	30.9	
52 2-Chloronaphthalene	162	6.793	6.799	-0.006	98	598142	50.0	29.9	
53 Phenyl ether	170	6.882	6.882	0.000	86	401172	50.0	29.2	
54 2-Nitroaniline	65	6.893	6.899	-0.006	97	182247	50.0	33.8	
55 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	510657	50.0	32.5	
58 Dimethyl phthalate	163	7.082	7.087	-0.005	99	584989	50.0	33.7	
59 Coumarin	146	7.099	7.099	0.000	79	196729	50.0	38.0	
60 2,6-Dinitrotoluene	165	7.135	7.140	-0.006	96	135937	50.0	36.2	
61 Acenaphthylene	152	7.205	7.205	0.000	98	909248	50.0	33.1	
56 1-Naphthylamine	143	7.211	7.228	-0.017	46	160		NC	
57 2-Naphthylamine	143	7.211	7.228	-0.017	45	160		NC	
62 3-Nitroaniline	138	7.299	7.305	-0.006	97	118813	50.0	28.3	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	92	587746	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.370	7.376	-0.006	97	507630	50.0	28.9	
65 Acenaphthene	154	7.376	7.381	-0.005	95	555820	50.0	30.7	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	94	113491	100.0	53.0	
67 4-Nitrophenol	65	7.476	7.481	-0.005	91	167723	100.0	69.8	
68 2,4-Dinitrotoluene	165	7.534	7.534	0.000	97	168789	50.0	39.2	
69 Dibenzofuran	168	7.546	7.552	-0.006	96	800376	50.0	32.1	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	96	154716	50.0	33.0	
71 Diethyl phthalate	149	7.776	7.781	-0.005	98	545874	50.0	34.5	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	77	309208	50.0	31.9	
74 Fluorene	166	7.887	7.887	0.000	94	637319	50.0	34.7	
75 4-Nitroaniline	138	7.905	7.911	-0.006	87	132098	50.0	34.1	
76 4,6-Dinitro-2-methylphenol	198	7.934	7.940	-0.006	91	177379	100.0	66.7	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	67	854969		68.4	
78 1,2-Diphenylhydrazine	77	8.040	8.046	-0.006	97	554229	50.0	32.3	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	132994	50.0	33.1	
80 4-Bromophenyl phenyl ether	248	8.364	8.370	-0.006	95	187776	50.0	34.0	
81 Hexachlorobenzene	284	8.434	8.440	-0.006	95	227250	50.0	35.7	
82 Atrazine	200	8.534	8.534	0.000	95	307071	100.0	91.6	
83 Pentachlorophenol	266	8.629	8.634	-0.005	95	229949	100.0	60.4	
84 Pentachloronitrobenzene	237	8.640	8.646	-0.006	91	70287	50.0	34.8	
72 n-Octadecane	57	8.711	8.711	0.000	94	310077	50.0	31.9	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	824556	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Phenanthrene	178	8.829	8.834	-0.005	97	811852	50.0	36.4	
87 Anthracene	178	8.881	8.881	0.000	99	809228	50.0	36.0	
88 Carbazole	167	9.034	9.040	-0.006	96	683071	50.0	36.6	
89 Di-n-butyl phthalate	149	9.381	9.387	-0.006	100	779083	50.0	33.2	
90 Fluoranthene	202	9.999	9.999	0.000	98	786474	50.0	36.7	
91 Benzidine	184	10.128	10.128	0.000	99	17775	50.0	5.96	
92 Pyrene	202	10.223	10.222	0.001	97	806852	50.0	38.5	
93 Bisphenol-A	213	10.270	10.270	0.000	99	125261	25.0	14.0	
$ 94 Terphenyl-d14	244	10.375	10.381	-0.006	99	596524	50.0	34.5	
95 Butyl benzyl phthalate	149	10.905	10.905	0.000	97	310365	50.0	35.7	
97 Carbamazepine	193	11.022	11.034	-0.012	91	263007	50.0	24.3	
98 3,3'-Dichlorobenzidine	252	11.522	11.528	-0.006	98	268294	50.0	30.8	
99 Benzo[a]anthracene	228	11.552	11.558	-0.006	99	750776	50.0	35.8	
* 100 Chrysene-d12	240	11.564	11.569	-0.005	99	757763	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.593	11.599	-0.006	77	484373	50.0	33.2	
101 Chrysene	228	11.593	11.605	-0.012	98	727452	50.0	34.7	
103 Di-n-octyl phthalate	149	12.446	12.452	-0.006	96	821041	50.0	29.3	
104 Benzo[b]fluoranthene	252	12.952	12.963	-0.011	99	950564	50.0	38.9	
105 Benzo[k]fluoranthene	252	12.987	12.999	-0.012	99	1007027	50.0	35.4	
106 Benzo[a]pyrene	252	13.393	13.405	-0.012	97	988646	50.0	38.2	
* 107 Perylene-d12	264	13.475	13.481	-0.006	99	1077282	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.916	14.928	-0.012	98	1344958	50.0	36.2	
109 Dibenz(a,h)anthracene	278	14.952	14.957	-0.005	98	1321349	50.0	39.1	
110 Benzo[g,h,i]perylene	276	15.269	15.281	-0.012	98	1391368	50.0	36.2	
S 117 Total Cresols	1				0			64.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

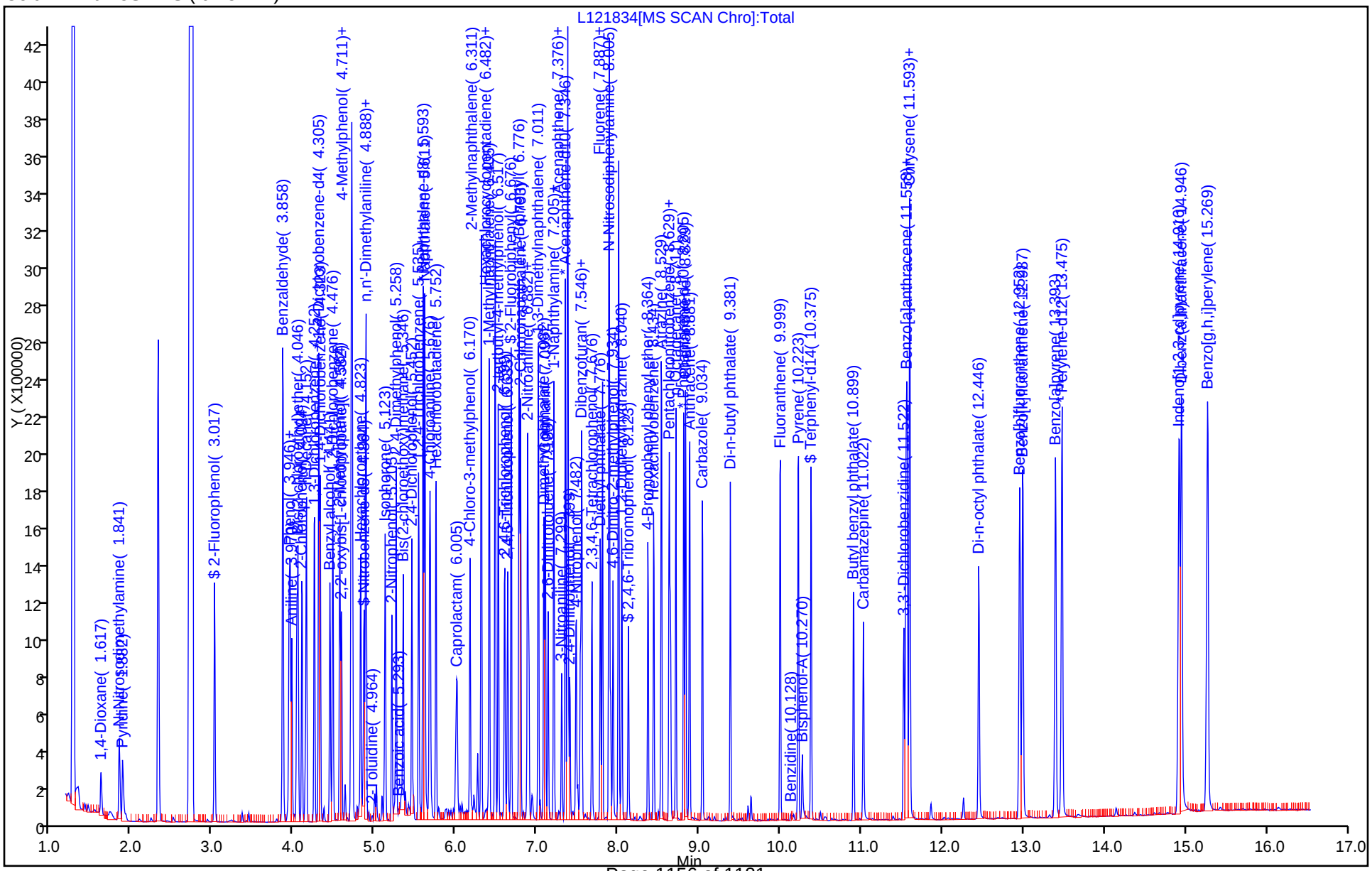
Report Date: 26-May-2015 11:42:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121834.D

Injection Date:	24-May-2015 13:52:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-95030-E-1-B MSD			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 05/26/2015 12:29

Analysis Batch Number: 300883 End Date: 05/27/2015 03:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300883/1		05/26/2015 12:29	1	z1430.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-300883/2		05/26/2015 12:46	1	z1431.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-300883/3 IC		05/26/2015 13:35	1	z1432.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-300883/4 IC		05/26/2015 13:59	1	z1433.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-300883/5 IC		05/26/2015 14:22	1	z1434.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-300883/6 IC		05/26/2015 14:47	1	z1435.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-300883/7 IC		05/26/2015 15:11	1	z1436.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-300883/8 IC		05/26/2015 15:35	1	z1437.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-300883/9 IC		05/26/2015 15:59	1	z1438.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-300883/10 IC		05/26/2015 16:23	1	z1439.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-300883/11 IC		05/26/2015 16:47	1		Rtxi-5Sil MS 0.25(mm)
STD120 460-300883/12 IC		05/26/2015 17:11	1		Rtxi-5Sil MS 0.25(mm)
STD80 460-300883/13 IC		05/26/2015 17:35	1		Rtxi-5Sil MS 0.25(mm)
STD20 460-300883/14 IC		05/26/2015 17:59	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-300883/15 IC		05/26/2015 18:23	1		Rtxi-5Sil MS 0.25(mm)
STD5 460-300883/16 IC		05/26/2015 18:47	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-300883/17 IC		05/26/2015 19:10	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-300883/18		05/26/2015 19:34	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-300883/20		05/27/2015 03:55	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 05/27/2015 20:02

Analysis Batch Number: 301230 End Date: 05/28/2015 05:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-301230/1		05/27/2015 20:02	1	z1481.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-301230/2		05/27/2015 20:18	1	z1482.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-301230/3		05/27/2015 20:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 22:17	1		Rtxi-5Sil MS 0.25(mm)
460-95181-3	SB-5 (19-20)	05/27/2015 23:05	1	z1489.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:29	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:52	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:40	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:04	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:52	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 02:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:52	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 04:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 04:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 05:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 05:27	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/19/2015 04:12

Analysis Batch Number: 299376 End Date: 05/19/2015 11:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-299376/1		05/19/2015 04:12	1	L121570.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-299376/2		05/19/2015 04:30	1	L121571.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-299376/3 IC		05/19/2015 05:17	1	L121572.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-299376/4 IC		05/19/2015 05:42	1	L121573.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-299376/5 IC		05/19/2015 06:07	1	L121574.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-299376/6 IC		05/19/2015 06:32	1	L121575.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-299376/7 IC		05/19/2015 06:57	1	L121576.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-299376/8 IC		05/19/2015 07:21	1	L121577.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-299376/9 IC		05/19/2015 07:46	1	L121578.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-299376/10 IC		05/19/2015 08:11	1	L121579.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-299376/11 IC		05/19/2015 08:36	1		Rtxi-5Sil MS 0.25(mm)
STD120 460-299376/12 IC		05/19/2015 09:01	1		Rtxi-5Sil MS 0.25(mm)
STD80 460-299376/13 IC		05/19/2015 09:25	1		Rtxi-5Sil MS 0.25(mm)
STD20 460-299376/14 IC		05/19/2015 09:50	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-299376/15 IC		05/19/2015 10:15	1		Rtxi-5Sil MS 0.25(mm)
STD5 460-299376/16 IC		05/19/2015 10:40	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-299376/17 IC		05/19/2015 11:05	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-299376/18		05/19/2015 11:30	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-299376/19		05/19/2015 11:55	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/24/2015 08:57

Analysis Batch Number: 300661 End Date: 05/24/2015 20:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300661/1		05/24/2015 08:57	1	L121822.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300661/2		05/24/2015 09:15	1	L121823.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300661/3		05/24/2015 09:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 10:57	1		Rtxi-5Sil MS 0.25(mm)
MB 460-300363/1-A		05/24/2015 11:47	1	L121829.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 12:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 13:02	1		Rtxi-5Sil MS 0.25(mm)
460-95030-E-1-A MS		05/24/2015 13:27	1	L121833.D	Rtxi-5Sil MS 0.25(mm)
460-95030-E-1-B MSD		05/24/2015 13:52	1	L121834.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 14:16	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 14:41	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 16:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 16:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 18:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 19:40	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 20:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 20:30	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/26/2015 07:08

Analysis Batch Number: 300737 End Date: 05/26/2015 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300737/1		05/26/2015 07:08	1	L121853.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300737/2		05/26/2015 07:53	1	L121854.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300737/3		05/26/2015 08:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 08:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 09:08	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-300363/2-A		05/26/2015 09:33	1	L121858.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 09:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 11:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 13:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 13:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:05	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:55	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 18:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 19:04	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/07/2015 11:56

Analysis Batch Number: 297054 End Date: 05/07/2015 20:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-297054/1		05/07/2015 11:56	1	C15816.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-297054/2		05/07/2015 12:17	1	C15817.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-297054/3 IC		05/07/2015 12:48	1	C15818.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-297054/4 IC		05/07/2015 13:17	1	C15819.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-297054/5 IC		05/07/2015 13:46	1	C15820.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-297054/6 IC		05/07/2015 14:16	1	C15821.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-297054/7 IC		05/07/2015 14:45	1	C15822.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-297054/8 IC		05/07/2015 15:14	1	C15823.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-297054/9 IC		05/07/2015 15:43	1	C15824.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-297054/10 IC		05/07/2015 16:12	1		Rtxi-5Sil MS 0.25(mm)
STD24 460-297054/11 IC		05/07/2015 16:42	1		Rtxi-5Sil MS 0.25(mm)
STD16 460-297054/12 IC		05/07/2015 17:11	1		Rtxi-5Sil MS 0.25(mm)
STD4 460-297054/13 IC		05/07/2015 17:40	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-297054/14 IC		05/07/2015 18:09	1		Rtxi-5Sil MS 0.25(mm)
STD1 460-297054/15 IC		05/07/2015 18:38	1		Rtxi-5Sil MS 0.25(mm)
STD02 460-297054/16 IC		05/07/2015 19:08	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-297054/17		05/07/2015 19:37	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-297054/18		05/07/2015 20:06	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/26/2015 06:24

Analysis Batch Number: 300751 End Date: 05/26/2015 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300751/1		05/26/2015 06:24	1	C16505.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300751/2		05/26/2015 06:47	1	C16506.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300751/3		05/26/2015 07:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 09:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 11:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 11:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 11:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:52	250		Rtxi-5Sil MS 0.25(mm)
MB 460-300093/1-A		05/26/2015 13:20	1	C16518.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 13:48	100		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:11	20		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:39	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-300093/2-A		05/26/2015 16:07	1	C16524.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:35	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 17:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 17:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 17:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/27/2015 16:54

Analysis Batch Number: 301157 End Date: 05/28/2015 02:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-301157/1		05/27/2015 16:54	1	C16557.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-301157/2		05/27/2015 18:28	1	C16558.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-301157/3		05/27/2015 19:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 20:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 22:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 22:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:35	1		Rtxi-5Sil MS 0.25(mm)
460-95181-1	Field Blank 051915	05/28/2015 01:03	1	C16572.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 02:27	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS13 Start Date: 05/28/2015 08:00

Analysis Batch Number: 301331 End Date: 05/28/2015 11:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-301331/1		05/28/2015 08:00	1	C16585.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-301331/2		05/28/2015 08:18	1	C16586.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-301331/3		05/28/2015 08:46	1		Rtxi-5Sil MS 0.25(mm)
LCSD 460-300093/3-A		05/28/2015 11:07	1	C16592.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 05/10/2015 03:12

Analysis Batch Number: 297583 End Date: 05/10/2015 17:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-297583/1		05/10/2015 03:12	1	x1952.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-297583/2		05/10/2015 03:57	1	x1953.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-297583/3 IC		05/10/2015 04:20	1	x1954.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-297583/4 IC		05/10/2015 04:42	1	x1955.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-297583/5 IC		05/10/2015 05:05	1	x1956.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-297583/6 IC		05/10/2015 05:27	1	x1957.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-297583/7 IC		05/10/2015 05:50	1	x1958.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-297583/8 IC		05/10/2015 06:12	1	x1959.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-297583/9 IC		05/10/2015 06:35	1	x1960.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-297583/10 IC		05/10/2015 06:57	1	x1961.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-297583/11 IC		05/10/2015 07:20	1		Rtxi-5Sil MS 0.25(mm)
STD120 460-297583/12 IC		05/10/2015 07:42	1		Rtxi-5Sil MS 0.25(mm)
STD80 460-297583/13 IC		05/10/2015 08:05	1		Rtxi-5Sil MS 0.25(mm)
STD20 460-297583/14 IC		05/10/2015 12:14	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-297583/15 IC		05/10/2015 12:36	1		Rtxi-5Sil MS 0.25(mm)
STD5 460-297583/16 IC		05/10/2015 12:58	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-297583/17 IC		05/10/2015 13:21	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-297583/18		05/10/2015 17:36	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-297583/19		05/10/2015 17:59	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 05/27/2015 01:57

Analysis Batch Number: 300959 End Date: 05/27/2015 13:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300959/1		05/27/2015 01:57	1	x2605.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300959/2		05/27/2015 02:14	1	x2606.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300959/3		05/27/2015 02:41	1		Rtxi-5Sil MS 0.25(mm)
MB 460-300368/1-A		05/27/2015 03:30	1	x2608.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 03:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 04:14	1		Rtxi-5Sil MS 0.25(mm)
460-95181-5	DUP 051915	05/27/2015 04:36	1	x2611.D	Rtxi-5Sil MS 0.25(mm)
460-95181-7	SB-6 (15-17)	05/27/2015 04:59	1	x2612.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 05:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 05:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 06:06	1		Rtxi-5Sil MS 0.25(mm)
460-95181-8	SB-6 (17-19)	05/27/2015 06:51	1	x2617.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 07:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 07:35	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-300368/2-A		05/27/2015 07:58	1	x2620.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 08:20	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 08:42	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 09:05	2		Rtxi-5Sil MS 0.25(mm)
460-95181-9	SB-2 (20-22)	05/27/2015 09:27	1	x2624.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 09:49	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 10:12	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 10:34	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 10:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 11:41	25		Rtxi-5Sil MS 0.25(mm)
460-95181-4 MS	SB-4 (20-23) MS	05/27/2015 12:03	1	x2631.D	Rtxi-5Sil MS 0.25(mm)
460-95181-4 MSD	SB-4 (20-23) MSD	05/27/2015 12:26	1	x2632.D	Rtxi-5Sil MS 0.25(mm)
460-95181-4	SB-4 (20-23)	05/27/2015 12:48	1	x2633.D	Rtxi-5Sil MS 0.25(mm)
460-95181-6	SB-3 (20-22)	05/27/2015 13:11	2	x2634.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 13:56	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 300093 Batch Start Date: 05/21/15 12:55 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_BNA SPIK 00016
MB 460-300093/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-300093/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
LCSD 460-300093/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	200 uL
460-95181-D-1	Field Blank 051915	3510C, 8270D	T	6 SU	240 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00007					
MB 460-300093/1		3510C, 8270D		200 uL					
LCS 460-300093/2		3510C, 8270D		200 uL					
LCSD 460-300093/3		3510C, 8270D		200 uL					
460-95181-D-1	Field Blank 051915	3510C, 8270D	T	200 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 300093 Batch Start Date: 05/21/15 12:55 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	91540
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	OP 1366
Batch Comment	3510C LVI 8270D
Person's name who did the concentration	WT
Final Concentrator Volume	2 mL
N-evap #	222299
N-evap temperature	25 Degrees C
Na2SO4 Lot Number	422301
Prep Solvent Lot #	108863
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	WT
Uncorrected N-evap Temperature	25 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 300363 Batch Start Date: 05/22/15 10:09 Batch Analyst: Rana, Kalpesh V

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00002	OP_BNA SPIK 00016	OP_BNASurroga 00007	
MB 460-300363/1		3546, 8270D		15.0263 g	1 mL			500 uL	
LCS 460-300363/2		3546, 8270D		15.0214 g	1 mL		500 uL	500 uL	
460-95030-E-1 MS		3546, 8270D	T	14.9856 g	1 mL	50 uL	500 uL	500 uL	
460-95030-E-1 MSD		3546, 8270D	T	14.9932 g	1 mL	50 uL	500 uL	500 uL	
460-95181-E-3	SB-5 (19-20)	3546, 8270D	T	14.9888 g	1 mL			500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL 8270D
Person's name who did the concentration	KR
Final Concentrator Volume	1 mL
MeCl2/Acetone Lot #	86827
Microwave Start Time	1500
Microwave Stop Time	1530
Na2SO4 Lot Number	422301
Person's name who did the prep	KR
Person who performed Spike	KR
Water Bath ID	222299
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 300368 Batch Start Date: 05/22/15 10:18 Batch Analyst: Rana, Kalpesh V

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00002	OP_BNA SPIK 00016	OP_BNASurroga 00007	
MB 460-300368/1		3546, 8270D		15.0266 g	1 mL			500 uL	
LCS 460-300368/2		3546, 8270D		14.9965 g	1 mL		500 uL	500 uL	
460-95181-E-4 MS	SB-4 (20-23)	3546, 8270D	T	15.0326 g	1 mL	50 uL	500 uL	500 uL	
460-95181-E-4 MSD	SB-4 (20-23)	3546, 8270D	T	15.0111 g	1 mL	50 uL	500 uL	500 uL	
460-95181-E-4	SB-4 (20-23)	3546, 8270D	T	15.0216 g	1 mL			500 uL	
460-95181-E-5	DUP 051915	3546, 8270D	T	15.0212 g	1 mL			500 uL	
460-95181-E-6	SB-3 (20-22)	3546, 8270D	T	14.9754 g	1 mL			500 uL	
460-95181-E-7	SB-6 (15-17)	3546, 8270D	T	15.0326 g	1 mL			500 uL	
460-95181-E-8	SB-6 (17-19)	3546, 8270D	T	14.9754 g	1 mL			500 uL	
460-95181-E-9	SB-2 (20-22)	3546, 8270D	T	14.9652 g	1 mL			500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL 8270D
Person's name who did the concentration	KR
Final Concentrator Volume	1 mL
MeCl2/Acetone Lot #	86827
Microwave Start Time	1500
Microwave Stop Time	1530
Na2SO4 Lot Number	422301
Person's name who did the prep	KR
Person who performed Spike	KR
Water Bath ID	222299
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95181-1

SDG No.:

Project: Parkchester Crossing

Client Sample ID	Lab Sample ID
SB-5 (19-20)	460-95181-3
SB-4 (20-23)	460-95181-4
DUP 051915	460-95181-5
SB-3 (20-22)	460-95181-6
SB-6 (15-17)	460-95181-7
SB-6 (17-19)	460-95181-8
SB-2 (20-22)	460-95181-9

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95181-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95181-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-95181-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 05/21/2015 14:28

End Date: 05/21/2015 14:28

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
460-95181-3	1	T	14:28	X	X																		
460-95181-4	1	T	14:28	X	X																		
460-95181-5	1	T	14:28	X	X																		
460-95181-6	1	T	14:28	X	X																		
460-95181-7	1	T	14:28	X	X																		
460-95181-8	1	T	14:28	X	X																		
460-95181-9	1	T	14:28	X	X																		
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
ZZZZZZ			14:28																				
460-94430-A-12 DU	1	T	14:28	X	X																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95181-1

SDG No.:

Batch Number: 300118 Batch Start Date: 05/21/15 14:28 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-95181-D-3	SB-5 (19-20)	Moisture	T	195	1.02 g	6.85 g	6.08 g		
460-95181-D-4	SB-4 (20-23)	Moisture	T	196	0.99 g	6.60 g	5.64 g		
460-95181-D-5	DUP 051915	Moisture	T	197	1.00 g	6.91 g	6.18 g		
460-95181-D-6	SB-3 (20-22)	Moisture	T	198	1.01 g	6.16 g	5.69 g		
460-95181-D-7	SB-6 (15-17)	Moisture	T	199	0.97 g	6.39 g	5.47 g		
460-95181-D-8	SB-6 (17-19)	Moisture	T	200	0.97 g	6.20 g	5.52 g		
460-95181-D-9	SB-2 (20-22)	Moisture	T	201	1.03 g	6.25 g	5.28 g		
460-94430-A-12 DU		Moisture	T	210	1.02 g	6.73 g	6.40 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	5/21/15
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	15:32
Date samples were removed from oven	5/22/15
Oven Temp when samples removed from oven	100 Degrees C
Time Samples were removed from oven	08:34
Oven ID	1
ID number of the thermometer	92001
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	100 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANAL

460-95181 Chain of Custody

ıam Road
Jersey 08817
549-3900 Fax: (732) 549-3679

Page 1 of 1

Name (for report and invoice) Frank Cheresa / Jess Taylor	Samplers Name (Printed) Brian Klaus	Site/Project Identification Parkchester
Company Roux Associates Inc	P. O. # 2350.0001Y000	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 209 Shafter St	Analysis Turnaround Time: Standard ☒ 5day	Regulatory Program:
City Islandia State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 631-232-2600 Fax 631-232-9898		Job No: 95181

Sample Identification	Date	Time	Matrix	No. of Cont.	8270D-SVOCs	8260C-VOCs	8260C VOCs (CP-51 list)	8270D SIMS (CP51)	Sample Numbers
Field Blank 051915	5/19/15	1245	W	4	X	X			1
Trip Blank	7/10/14		W	2	-	X			2
SB-5 (19-20)	5/19/15	1250	S	5	-	-	X	X	3
SB-4 (20-23)	5/19/15	1255	S	5	-	-	X	X	4
DUP051915	5/19/15	1300	S	5	-	-	X	X	5
SB-3 (20-22)	5/19/15	1420	S	5	-	-	X	X	6
SB-6 (15-17)	5/20/15	1300	S	5	-	-	X	X	7
SB-6 (17-19)	5/20/15	1305	S	5	-	-	X	X	8
SB-2 (20-22)	5/20/15	1515	S	5	-	-	X	X	9
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:									
6 = Other _____, 7 = Other _____ Water:					1	2			

Special Instructions * Category B Deliverables

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Brian Klaus	Roux	5/20/15 1540	1)	
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
	T. A	5/21/15 7:10		TA 6710
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (

Massachusetts (M-NJ312), North Carolina (No. 578)

1.2(3,2 IR# 5-No c.1

-0016 (0814)

TestAmerica Edison
Receipt Temperature and pH Log

Page ____ of ____

Job Number: 95181

Number of Coolers: 1 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.0 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 5/20/10

EDS-WI-038, Rev 4, 06/09/2014

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-95181-1

Login Number: 95181
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are 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	
Cooler Temperature is recorded.	True	3.2° C IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-95247-1

Job Description: Parkchester Crossing

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Frank Cherena

Approved for release.
Melissa Haas
Project Manager I
5/29/2015 1:57 PM

Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
05/29/2015

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

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-95247-1

Job Description: Parkchester Crossing

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

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
5/29/2015 1:57 PM

Melissa Haas

Table of Contents

Table of Contents

CASE NARRATIVE

Client: Roux Associates, Inc.

Project: Parkchester Crossing

Report Number: 460-95247-1

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.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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 05/21/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.2 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.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. The P.O # listed on the COC was incorrect. The correct number is 2530.0001Y000.

VOLATILE ORGANICS
Samples SB-2 (14-15) (460-95247-1) and SB-7 (6-8) (460-95247-2) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 05/21/2015 and analyzed on 05/27/2015.

Surrogate Dibromofluoromethane recovery for the following sample was outside control limits: SB-2 (14-15) (460-95247-1). Surrogate recoveries for the other three system monitoring compounds were within control limits; therefore, re-analysis was not performed.

The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-7 (6-8) (460-95247-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS
Samples SB-2 (14-15) (460-95247-1) and SB-7 (6-8) (460-95247-2) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 05/22/2015 and analyzed on 05/27/2015 and 05/29/2015.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

PERCENT SOLIDS/PERCENT MOISTURE
Samples SB-2 (14-15) (460-95247-1) and SB-7 (6-8) (460-95247-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/22/2015.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-95247-1	SB-2 (14-15)	Solid	05/20/2015 1600	05/21/2015 1440
460-95247-2	SB-7 (6-8)	Solid	05/20/2015 1700	05/21/2015 1440

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-95247-1	**SB-2 (14-15)**					
1,2,4-Trimethylbenzene		0.45	J	0.98	ug/Kg	8260C
1,3,5-Trimethylbenzene		0.17	J	0.98	ug/Kg	8260C
Ethylbenzene		0.38	J	0.98	ug/Kg	8260C
Isopropylbenzene		0.26	J	0.98	ug/Kg	8260C
N-Propylbenzene		0.43	J	0.98	ug/Kg	8260C
Xylenes, Total		0.70	J	2.0	ug/Kg	8260C
Benzo[b]fluoranthene		16	J	39	ug/Kg	8270D
Chrysene		14	J	390	ug/Kg	8270D
Fluoranthene		20	J	390	ug/Kg	8270D
Phenanthrene		11	J	390	ug/Kg	8270D
Percent Moisture		14.9		1.0	%	Moisture
Percent Solids		85.1		1.0	%	Moisture
460-95247-2	**SB-7 (6-8)**					
1,2,4-Trimethylbenzene		350000		1200	ug/Kg	8260C
1,3,5-Trimethylbenzene		110000		1200	ug/Kg	8260C
4-Isopropyltoluene		3700		1200	ug/Kg	8260C
Benzene		15000		1200	ug/Kg	8260C
Ethylbenzene		43000		1200	ug/Kg	8260C
Isopropylbenzene		6600		1200	ug/Kg	8260C
Naphthalene		36000		1200	ug/Kg	8260C
N-Propylbenzene		22000		1200	ug/Kg	8260C
sec-Butylbenzene		4000		1200	ug/Kg	8260C
Toluene		220000		1200	ug/Kg	8260C
Xylenes, Total		680000		2400	ug/Kg	8260C
Acenaphthene		39	J	410	ug/Kg	8270D
Acenaphthylene		52	J	410	ug/Kg	8270D
Anthracene		67	J	410	ug/Kg	8270D
Benzo[a]anthracene		190		41	ug/Kg	8270D
Benzo[a]pyrene		240		41	ug/Kg	8270D
Benzo[b]fluoranthene		430		41	ug/Kg	8270D
Benzo[g,h,i]perylene		92	J	410	ug/Kg	8270D
Benzo[k]fluoranthene		150		41	ug/Kg	8270D
Chrysene		200	J	410	ug/Kg	8270D
Fluoranthene		410		410	ug/Kg	8270D
Fluorene		74	J	410	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		110		41	ug/Kg	8270D
Naphthalene		1800		410	ug/Kg	8270D
Phenanthrene		250	J	410	ug/Kg	8270D
Pyrene		270	J	410	ug/Kg	8270D
Percent Moisture		19.7		1.0	%	Moisture
Percent Solids		80.3		1.0	%	Moisture

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95247-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-95247-1

Method	Analyst	Analyst ID
SW846 8260C	Boykin, Kenneth	KLB
SW846 8260C	Martinez, Eddie	EMM
SW846 8270D	Szczech, Anna	AAS
SW846 8270D	Zhao, Chunxin	CAZ
EPA Moisture	Armbruster, Chris	CJA

Client: Roux Associates, Inc. Job Number: 460-95247-1

Client Sample ID: SB-2 (14-15)

Lab Sample ID: 460-95247-1 Date Sampled: 05/20/2015 1600
Client Matrix: Solid % Moisture: 14.9 Date Received: 05/21/2015 1440

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-300184	Lab File ID:	O98855.D
Dilution:	1.0			Initial Weight/Volume:	5.99 g
Analysis Date:	05/27/2015 0724			Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 1927				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		0.45	J	0.33	0.98
1,3,5-Trimethylbenzene		0.17	J	0.13	0.98
4-Isopropyltoluene		0.98	U	0.15	0.98
Benzene		0.98	U	0.20	0.98
Ethylbenzene		0.38	J	0.18	0.98
Isopropylbenzene		0.26	J	0.17	0.98
Methyl tert-butyl ether		0.98	U	0.17	0.98
Naphthalene		0.98	U	0.12	0.98
n-Butylbenzene		0.98	U	0.21	0.98
N-Propylbenzene		0.43	J	0.18	0.98
sec-Butylbenzene		0.98	U	0.17	0.98
tert-Butylbenzene		0.98	U	0.33	0.98
Toluene		0.98	U	0.19	0.98
Xylenes, Total		0.70	J	0.11	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
4-Bromofluorobenzene	111		70 - 130
Dibromofluoromethane (Surr)	138	*	70 - 130
Toluene-d8 (Surr)	89		70 - 130

Client: Roux Associates, Inc. Job Number: 460-95247-1

Client Sample ID: SB-7 (6-8)

Lab Sample ID: 460-95247-2 Date Sampled: 05/20/2015 1700
Client Matrix: Solid % Moisture: 19.7 Date Received: 05/21/2015 1440

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-300935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-300183	Lab File ID:	B83068.D
Dilution:	500			Initial Weight/Volume:	5.21 g
Analysis Date:	05/27/2015 0731			Final Weight/Volume:	10 mL
Prep Date:	05/21/2015 1918				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trimethylbenzene		350000		270	1200
1,3,5-Trimethylbenzene		110000		300	1200
4-Isopropyltoluene		3700		310	1200
Benzene		15000		230	1200
Ethylbenzene		43000		360	1200
Isopropylbenzene		6600		380	1200
Methyl tert-butyl ether		1200	U	160	1200
Naphthalene		36000		310	1200
n-Butylbenzene		1200	U	320	1200
N-Propylbenzene		22000		350	1200
sec-Butylbenzene		4000		370	1200
tert-Butylbenzene		1200	U	330	1200
Toluene		220000		300	1200
Xylenes, Total		680000		330	2400

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		75 - 135
4-Bromofluorobenzene	85		72 - 133
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	101		59 - 150

Client: Roux Associates, Inc. Job Number: 460-95247-1

Client Sample ID: SB-2 (14-15)

Lab Sample ID: 460-95247-1 Date Sampled: 05/20/2015 1600
Client Matrix: Solid % Moisture: 14.9 Date Received: 05/21/2015 1440

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-301230	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-300363	Lab File ID:	z1487.D
Dilution:	1.0			Initial Weight/Volume:	15.0002 g
Analysis Date:	05/27/2015 2217			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		390	U	9.4	390
Acenaphthylene		390	U	10	390
Anthracene		390	U	37	390
Benzo[a]anthracene		39	U	32	39
Benzo[a]pyrene		39	U	12	39
Benzo[b]fluoranthene		16	J	15	39
Benzo[g,h,i]perylene		390	U	22	390
Benzo[k]fluoranthene		39	U	17	39
Chrysene		14	J	11	390
Dibenz(a,h)anthracene		39	U	20	39
Fluoranthene		20	J	12	390
Fluorene		390	U	8.5	390
Indeno[1,2,3-cd]pyrene		39	U	26	39
Naphthalene		390	U	9.9	390
Phenanthrene		11	J	10	390
Pyrene		390	U	18	390

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	43		10 - 120
2-Fluorobiphenyl	53		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	62		38 - 105
Phenol-d5 (Surr)	58		41 - 118
Terphenyl-d14 (Surr)	75		16 - 151

Client: Roux Associates, Inc. Job Number: 460-95247-1

Client Sample ID: SB-7 (6-8)

Lab Sample ID: 460-95247-2 Date Sampled: 05/20/2015 1700
Client Matrix: Solid % Moisture: 19.7 Date Received: 05/21/2015 1440

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-301565	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-300363	Lab File ID:	L121966.D
Dilution:	1.0			Initial Weight/Volume:	14.9754 g
Analysis Date:	05/29/2015 0922			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		39	J	10	410
Acenaphthylene		52	J	11	410
Anthracene		67	J	39	410
Benzo[a]anthracene		190		34	41
Benzo[a]pyrene		240		12	41
Benzo[b]fluoranthene		430		16	41
Benzo[g,h,i]perylene		92	J	24	410
Benzo[k]fluoranthene		150		18	41
Chrysene		200	J	11	410
Dibenz(a,h)anthracene		41	U	21	41
Fluoranthene		410		12	410
Fluorene		74	J	9.0	410
Indeno[1,2,3-cd]pyrene		110		27	41
Naphthalene		1800		10	410
Phenanthrene		250	J	11	410
Pyrene		270	J	19	410

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	33		10 - 120
2-Fluorobiphenyl	64		40 - 109
2-Fluorophenol (Surr)	54		37 - 125
Nitrobenzene-d5 (Surr)	70		38 - 105
Phenol-d5 (Surr)	58		41 - 118
Terphenyl-d14 (Surr)	52		16 - 151

General Chemistry

Client Sample ID: **SB-2 (14-15)**

Lab Sample ID: 460-95247-1 Date Sampled: 05/20/2015 1600
Client Matrix: Solid Date Received: 05/21/2015 1440

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300425	Analysis Date: 05/22/2015 1421						DryWt Corrected: N
Percent Solids	85.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300425	Analysis Date: 05/22/2015 1421						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-7 (6-8)**

Lab Sample ID: 460-95247-2 Date Sampled: 05/20/2015 1700
Client Matrix: Solid Date Received: 05/21/2015 1440

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300425	Analysis Date: 05/22/2015 1421						DryWt Corrected: N
Percent Solids	80.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-300425	Analysis Date: 05/22/2015 1421						DryWt Corrected: N

Client: Roux Associates, Inc. Job Number: 460-95247-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-95247-1	SB-2 (14-15)	138*	128	89	111
MB 460-300938/7		124	123	91	108
LB3 460-300184/1-A		116	113	93	104
LCS 460-300938/5		104	103	96	116
LCSD 460-300938/27		99	98	86	104

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Client: Roux Associates, Inc. Job Number: 460-95247-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-95247-2	SB-7 (6-8)	98	117	101	85
MB 460-300935/8		95	90	98	99
LCS 460-300935/4		118	108	101	99
LCSD 460-300935/5		117	107	102	100

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = 4-Bromofluorobenzene	72-133

Client: Roux Associates, Inc. Job Number: 460-95247-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-95247-1	SB-2 (14-15)	52	58	62	53	43	75
460-95247-2	SB-7 (6-8)	54	58	70	64	33	52
MB 460-300363/1-A		82	85	87	76	77	106
LCS 460-300363/2-A		73	78	76	69	86	86
460-95030-E-1-A MS		60	61	65	60	66	74
460-95030-E-1-B MSD		59	60	64	59	66	69

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Roux Associates, Inc. Job Number: 460-95247-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-300184

Method: 8260C
Preparation: 5035

Lab Sample ID:	LB3 460-300184/1-A	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	460-300184	Lab File ID:	O98854.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/27/2015 0658	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/21/2015 1926				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trimethylbenzene	1.0	U	0.34	1.0
1,3,5-Trimethylbenzene	1.0	U	0.13	1.0
4-Isopropyltoluene	1.0	U	0.15	1.0
Benzene	1.0	U	0.20	1.0
Ethylbenzene	1.0	U	0.18	1.0
Isopropylbenzene	1.0	U	0.17	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Naphthalene	1.0	U	0.12	1.0
n-Butylbenzene	1.0	U	0.21	1.0
N-Propylbenzene	1.0	U	0.18	1.0
sec-Butylbenzene	1.0	U	0.17	1.0
tert-Butylbenzene	1.0	U	0.34	1.0
Toluene	1.0	U	0.19	1.0
Xylenes, Total	2.0	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 130
4-Bromofluorobenzene	104	70 - 130
Dibromofluoromethane (Surr)	116	70 - 130
Toluene-d8 (Surr)	93	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95247-1

Method Blank - Batch: 460-300935

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300935/8	Analysis Batch:	460-300935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83052.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/27/2015 0058	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trimethylbenzene	50	U	12	50
1,3,5-Trimethylbenzene	50	U	13	50
4-Isopropyltoluene	50	U	13	50
Benzene	50	U	9.5	50
Ethylbenzene	50	U	15	50
Isopropylbenzene	50	U	16	50
Methyl tert-butyl ether	50	U	6.5	50
Naphthalene	50	U	13	50
n-Butylbenzene	50	U	14	50
N-Propylbenzene	50	U	15	50
sec-Butylbenzene	50	U	16	50
tert-Butylbenzene	50	U	14	50
Toluene	50	U	13	50
Xylenes, Total	100	U	14	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	75 - 135
4-Bromofluorobenzene	99	72 - 133
Dibromofluoromethane (Surr)	95	70 - 130
Toluene-d8 (Surr)	98	59 - 150

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300935/4	Analysis Batch:	460-300935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83048.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 2318	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300935/5	Analysis Batch:	460-300935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B83049.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/26/2015 2345	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2,4-Trimethylbenzene	100	101	76 - 129	2	30		
1,3,5-Trimethylbenzene	95	97	75 - 131	3	30		
4-Isopropyltoluene	96	99	62 - 139	4	30		
Benzene	102	101	74 - 126	1	30		
Ethylbenzene	92	97	80 - 120	5	30		
Isopropylbenzene	99	101	78 - 129	2	30		
Methyl tert-butyl ether	108	114	68 - 128	5	30		
Naphthalene	76	76	53 - 150	0	30		
n-Butylbenzene	95	101	61 - 145	6	30		
N-Propylbenzene	103	107	70 - 136	5	30		
sec-Butylbenzene	98	99	64 - 143	1	30		
tert-Butylbenzene	97	97	71 - 134	0	30		
Toluene	103	106	79 - 121	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	107	75 - 135
4-Bromofluorobenzene	99	100	72 - 133
Dibromofluoromethane (Surr)	118	117	70 - 130
Toluene-d8 (Surr)	101	102	59 - 150

Client: Roux Associates, Inc. Job Number: 460-95247-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300935/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300935/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	50		Dilution:	50
Analysis Date:	05/26/2015 2318		Analysis Date:	05/26/2015 2345
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trimethylbenzene	1000	1000	998	1010
1,3,5-Trimethylbenzene	1000	1000	947	973
4-Isopropyltoluene	1000	1000	960	995
Benzene	1000	1000	1020	1010
Ethylbenzene	1000	1000	924	969
Isopropylbenzene	1000	1000	990	1010
Methyl tert-butyl ether	1000	1000	1080	1140
Naphthalene	1000	1000	758	760
n-Butylbenzene	1000	1000	947	1010
N-Propylbenzene	1000	1000	1030	1070
sec-Butylbenzene	1000	1000	983	991
tert-Butylbenzene	1000	1000	973	973
Toluene	1000	1000	1030	1060

Client: Roux Associates, Inc. Job Number: 460-95247-1

Method Blank - Batch: 460-300938

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-300938/7	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98837.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/26/2015 2341	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2,4-Trimethylbenzene	1.0	U	0.34	1.0
1,3,5-Trimethylbenzene	1.0	U	0.13	1.0
4-Isopropyltoluene	1.0	U	0.15	1.0
Benzene	1.0	U	0.20	1.0
Ethylbenzene	1.0	U	0.18	1.0
Isopropylbenzene	1.0	U	0.17	1.0
Methyl tert-butyl ether	1.0	U	0.17	1.0
Naphthalene	1.0	U	0.12	1.0
n-Butylbenzene	1.0	U	0.21	1.0
N-Propylbenzene	1.0	U	0.18	1.0
sec-Butylbenzene	1.0	U	0.17	1.0
tert-Butylbenzene	1.0	U	0.34	1.0
Toluene	1.0	U	0.19	1.0
Xylenes, Total	2.0	U	0.11	2.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	70 - 130
4-Bromofluorobenzene	108	70 - 130
Dibromofluoromethane (Surr)	124	70 - 130
Toluene-d8 (Surr)	91	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-300938

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300938/5	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98835.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/26/2015 2249	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-300938/27	Analysis Batch:	460-300938	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O98857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/27/2015 0814	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2,4-Trimethylbenzene	90	88	80 - 122	2	30		
1,3,5-Trimethylbenzene	91	88	79 - 122	3	30		
4-Isopropyltoluene	91	91	78 - 120	1	30		
Benzene	91	96	75 - 123	5	30		
Ethylbenzene	93	95	80 - 120	2	30		
Isopropylbenzene	96	98	80 - 120	2	30		
Methyl tert-butyl ether	105	107	75 - 124	2	30		
Naphthalene	109	111	73 - 121	1	30		
n-Butylbenzene	97	96	79 - 125	1	30		
N-Propylbenzene	95	100	77 - 124	5	30		
sec-Butylbenzene	95	99	78 - 125	4	30		
tert-Butylbenzene	92	95	79 - 122	3	30		
Toluene	93	95	82 - 117	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	98	70 - 130
4-Bromofluorobenzene	116	104	70 - 130
Dibromofluoromethane (Surr)	104	99	70 - 130
Toluene-d8 (Surr)	96	86	70 - 130

Client: Roux Associates, Inc. Job Number: 460-95247-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-300938

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-300938/5	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-300938/27
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	05/26/2015 2249		Analysis Date:	05/27/2015 0814
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trimethylbenzene	20.0	20.0	17.9	17.6
1,3,5-Trimethylbenzene	20.0	20.0	18.2	17.6
4-Isopropyltoluene	20.0	20.0	18.2	18.1
Benzene	20.0	20.0	18.3	19.3
Ethylbenzene	20.0	20.0	18.6	19.0
Isopropylbenzene	20.0	20.0	19.3	19.6
Methyl tert-butyl ether	20.0	20.0	21.0	21.4
Naphthalene	20.0	20.0	21.9	22.1
n-Butylbenzene	20.0	20.0	19.4	19.2
N-Propylbenzene	20.0	20.0	18.9	19.9
sec-Butylbenzene	20.0	20.0	19.0	19.8
tert-Butylbenzene	20.0	20.0	18.3	19.0
Toluene	20.0	20.0	18.6	19.0

Client: Roux Associates, Inc. Job Number: 460-95247-1

Method Blank - Batch: 460-300363

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-300363/1-A	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121829.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0263 g
Analysis Date:	05/24/2015 1147	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Anthracene	330	U	31	330
Benzo[a]anthracene	33	U	28	33
Benzo[a]pyrene	33	U	10	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[g,h,i]perylene	330	U	19	330
Benzo[k]fluoranthene	33	U	14	33
Chrysene	330	U	9.0	330
Dibenz(a,h)anthracene	33	U	17	33
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Indeno[1,2,3-cd]pyrene	33	U	22	33
Naphthalene	330	U	8.4	330
Phenanthrene	330	U	8.8	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77	10 - 120
2-Fluorobiphenyl	76	40 - 109
2-Fluorophenol (Surr)	82	37 - 125
Nitrobenzene-d5 (Surr)	87	38 - 105
Phenol-d5 (Surr)	85	41 - 118
Terphenyl-d14 (Surr)	106	16 - 151

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Control Sample - Batch: 460-300363

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-300363/2-A	Analysis Batch:	460-300737	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0214 g
Analysis Date:	05/26/2015 0933	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2380	72	46 - 100	
Acenaphthylene	3330	2620	79	51 - 103	
Anthracene	3330	2790	84	50 - 107	
Benzo[a]anthracene	3330	2650	80	46 - 112	
Benzo[a]pyrene	3330	2950	88	36 - 89	
Benzo[b]fluoranthene	3330	2990	90	33 - 96	
Benzo[g,h,i]perylene	3330	2670	80	43 - 106	
Benzo[k]fluoranthene	3330	2810	84	35 - 115	
Chrysene	3330	2570	77	45 - 114	
Dibenz(a,h)anthracene	3330	2950	89	43 - 107	
Fluoranthene	3330	2810	84	49 - 108	
Fluorene	3330	2830	85	51 - 108	
Indeno[1,2,3-cd]pyrene	3330	2660	80	43 - 109	
Naphthalene	3330	2610	79	53 - 94	
Phenanthrene	3330	2790	84	48 - 108	
Pyrene	3330	3070	92	49 - 116	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86	10 - 120
2-Fluorobiphenyl	69	40 - 109
2-Fluorophenol (Surr)	73	37 - 125
Nitrobenzene-d5 (Surr)	76	38 - 105
Phenol-d5 (Surr)	78	41 - 118
Terphenyl-d14 (Surr)	86	16 - 151

Client: Roux Associates, Inc. Job Number: 460-95247-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300363

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95030-E-1-A MS	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121833.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9856 g
Analysis Date:	05/24/2015 1327			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-95030-E-1-B MSD	Analysis Batch:	460-300661	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-300363	Lab File ID:	L121834.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9932 g
Analysis Date:	05/24/2015 1352			Final Weight/Volume:	1 mL
Prep Date:	05/22/2015 1010			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	62	61	46 - 100	1	30		
Acenaphthylene	67	66	51 - 103	1	30		
Anthracene	72	72	50 - 107	0	30		
Benzo[a]anthracene	70	69	46 - 112	1	30		
Benzo[a]pyrene	76	75	36 - 89	1	30		
Benzo[b]fluoranthene	76	75	33 - 96	1	30		
Benzo[g,h,i]perylene	76	71	43 - 106	6	30		
Benzo[k]fluoranthene	69	70	35 - 115	2	30		
Chrysene	67	67	45 - 114	1	30		
Dibenz(a,h)anthracene	81	78	43 - 107	4	30		
Fluoranthene	69	70	49 - 108	2	30		
Fluorene	70	69	51 - 108	1	30		
Indeno[1,2,3-cd]pyrene	74	71	43 - 109	5	30		
Naphthalene	49	48	53 - 94	1	30	*	*
Phenanthrene	72	70	48 - 108	2	30		
Pyrene	77	72	49 - 116	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	66	66	10 - 120
2-Fluorobiphenyl	60	59	40 - 109
2-Fluorophenol (Surr)	60	59	37 - 125
Nitrobenzene-d5 (Surr)	65	64	38 - 105
Phenol-d5 (Surr)	61	60	41 - 118
Terphenyl-d14 (Surr)	74	69	16 - 151

Client: Roux Associates, Inc. Job Number: 460-95247-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-300363

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-95030-E-1-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	05/24/2015 1327		
Prep Date:	05/22/2015 1010		
Leach Date:	N/A		

MSD Lab Sample ID:	460-95030-E-1-B MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	05/24/2015 1352
Prep Date:	05/22/2015 1010
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	440	U	4490	4490	2790		2750	
Acenaphthylene	440	U	4490	4490	3010		2970	
Anthracene	440	U	4490	4490	3230		3230	
Benzo[a]anthracene	100		4490	4490	3240		3210	
Benzo[a]pyrene	51		4490	4490	3440		3420	
Benzo[b]fluoranthene	120		4490	4490	3530		3490	
Benzo[g,h,i]perylene	49	J	4490	4490	3460		3250	
Benzo[k]fluoranthene	49		4490	4490	3130		3180	
Chrysene	100	J	4490	4490	3130		3120	
Dibenz(a,h)anthracene	44	U	4490	4490	3650		3500	
Fluoranthene	150	J	4490	4490	3240		3300	
Fluorene	24	J	4490	4490	3150		3120	
Indeno[1,2,3-cd]pyrene	70		4490	4490	3410		3250	
Naphthalene	1100		4490	4490	3280	*	3240	*
Phenanthrene	110	J	4490	4490	3320		3270	
Pyrene	210	J	4490	4490	3680		3450	

Client: Roux Associates, Inc. Job Number: 460-95247-1

Duplicate - Batch: 460-300425

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-95258-A-6 DU	Analysis Batch:	460-300425	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	05/22/2015 1421	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	9.6	10.1	5	20	
Percent Solids	90.4	89.9	0.5	20	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-95247-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate is outside acceptance limits.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD is outside acceptance limits.

Client: Roux Associates, Inc. Job Number: 460-95247-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-300183					
460-95247-2	SB-7 (6-8)	T	Solid	5035	
Prep Batch: 460-300184					
LB3 460-300184/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-95247-1	SB-2 (14-15)	T	Solid	5035	
Analysis Batch:460-300935					
LCS 460-300935/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-300935/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300935/8	Method Blank	T	Solid	8260C	
460-95247-2	SB-7 (6-8)	T	Solid	8260C	460-300183
Analysis Batch:460-300938					
LCS 460-300938/5	Lab Control Sample	T	Solid	8260C	
LCSD 460-300938/27	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-300938/7	Method Blank	T	Solid	8260C	
LB3 460-300184/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260C	460-300184
460-95247-1	SB-2 (14-15)	T	Solid	8260C	460-300184

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-95247-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-300363					
LCS 460-300363/2-A	Lab Control Sample	T	Solid	3546	
MB 460-300363/1-A	Method Blank	T	Solid	3546	
460-95030-E-1-A MS	Matrix Spike	T	Solid	3546	
460-95030-E-1-B MSD	Matrix Spike Duplicate	T	Solid	3546	
460-95247-1	SB-2 (14-15)	T	Solid	3546	
460-95247-2	SB-7 (6-8)	T	Solid	3546	
Analysis Batch:460-300661					
MB 460-300363/1-A	Method Blank	T	Solid	8270D	460-300363
460-95030-E-1-A MS	Matrix Spike	T	Solid	8270D	460-300363
460-95030-E-1-B MSD	Matrix Spike Duplicate	T	Solid	8270D	460-300363
Analysis Batch:460-300737					
LCS 460-300363/2-A	Lab Control Sample	T	Solid	8270D	460-300363
Analysis Batch:460-301230					
460-95247-1	SB-2 (14-15)	T	Solid	8270D	460-300363
Analysis Batch:460-301565					
460-95247-2	SB-7 (6-8)	T	Solid	8270D	460-300363

Report Basis
T = Total

General Chemistry

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Analysis Batch:460-300425					
460-95247-1	SB-2 (14-15)	T	Solid	Moisture	
460-95247-2	SB-7 (6-8)	T	Solid	Moisture	
460-95258-A-6 DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-95247-1

Laboratory Chronicle

Lab ID: 460-95247-1 **Client ID: SB-2 (14-15)**

Sample Date/Time: 05/20/2015 16:00 Received Date/Time: 05/21/2015 14:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95247-B-1-A		460-300938	460-300184	05/21/2015 19:27	1	TAL EDI	AVM
A:8260C	460-95247-B-1-A		460-300938	460-300184	05/27/2015 07:24	1	TAL EDI	KLB
P:3546	460-95247-E-1-A		460-301230	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95247-E-1-A		460-301230	460-300363	05/27/2015 22:17	1	TAL EDI	CAZ
A:Moisture	460-95247-D-1		460-300425		05/22/2015 14:21	1	TAL EDI	CJA

Lab ID: 460-95247-2 **Client ID: SB-7 (6-8)**

Sample Date/Time: 05/20/2015 17:00 Received Date/Time: 05/21/2015 14:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-95247-A-2-A		460-300935	460-300183	05/21/2015 19:18	500	TAL EDI	AVM
A:8260C	460-95247-A-2-A		460-300935	460-300183	05/27/2015 07:31	500	TAL EDI	EMM
P:3546	460-95247-E-2-A		460-301565	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95247-E-2-A		460-301565	460-300363	05/29/2015 09:22	1	TAL EDI	AAS
A:Moisture	460-95247-D-2		460-300425		05/22/2015 14:21	1	TAL EDI	CJA

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
A:8260C	MB 460-300938/7		460-300938		05/26/2015 23:41	1	TAL EDI	KLB
A:8260C	MB 460-300935/8		460-300935		05/27/2015 00:58	50	TAL EDI	EMM
P:3546	MB 460-300363/1-A		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	MB 460-300363/1-A		460-300661	460-300363	05/24/2015 11:47	1	TAL EDI	BS1

Lab ID: LB3 **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:5035	LB3 460-300184/1-A		460-300938	460-300184	05/21/2015 19:26	1	TAL EDI	AVM
A:8260C	LB3 460-300184/1-A		460-300938	460-300184	05/27/2015 06:58	1	TAL EDI	KLB

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
A:8260C	LCS 460-300938/5		460-300938		05/26/2015 22:49	1	TAL EDI	KLB
A:8260C	LCS 460-300935/4		460-300935		05/26/2015 23:18	50	TAL EDI	EMM
P:3546	LCS 460-300363/2-A		460-300737	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	LCS 460-300363/2-A		460-300737	460-300363	05/26/2015 09:33	1	TAL EDI	CAZ

Client: Roux Associates, Inc. Job Number: 460-95247-1

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
A:8260C	LCSD 460-300935/5		460-300935		05/26/2015 23:45	50	TAL EDI	EMM
A:8260C	LCSD 460-300938/27		460-300938		05/27/2015 08:14	1	TAL EDI	KLB

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

Sample Date/Time: 05/18/2015 10:25 Received Date/Time: 05/18/2015 14:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-95030-E-1-A MS		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95030-E-1-A MS		460-300661	460-300363	05/24/2015 13:27	1	TAL EDI	BS1

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

Sample Date/Time: 05/18/2015 10:25 Received Date/Time: 05/18/2015 14:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-95030-E-1-B MSD		460-300661	460-300363	05/22/2015 10:10	1	TAL EDI	KVR
A:8270D	460-95030-E-1-B MSD		460-300661	460-300363	05/24/2015 13:52	1	TAL EDI	BS1

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

Sample Date/Time: 05/20/2015 12:36 Received Date/Time: 05/21/2015 13:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-95258-A-6 DU		460-300425		05/22/2015 14:21	1	TAL EDI	CJA

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-2 (14-15)	460-95247-1	138 *	128	89	111
	MB 460-300938/7	124	123	91	108
	LB3 460-300184/1-A	116	113	93	104
	LCS 460-300938/5	104	103	96	116
	LCSD 460-300938/27	99	98	86	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-7 (6-8)	460-95247-2	98	117	101	85
	MB 460-300935/8	95	90	98	99
	LCS 460-300935/4	118	108	101	99
	LCSD 460-300935/5	117	107	102	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	70-130
DCA = 1,2-Dichloroethane-d4 (Surr)	75-135
TOL = Toluene-d8 (Surr)	59-150
BFB = 4-Bromofluorobenzene	72-133

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B83048.D

Lab ID: LCS 460-300935/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	1000	998	100	76-129	
1,3,5-Trimethylbenzene	1000	947	95	75-131	
4-Isopropyltoluene	1000	960	96	62-139	
Benzene	1000	1020	102	74-126	
Ethylbenzene	1000	924	92	80-120	
Isopropylbenzene	1000	990	99	78-129	
Methyl tert-butyl ether	1000	1080	108	68-128	
Naphthalene	1000	758	76	53-150	
n-Butylbenzene	1000	947	95	61-145	
N-Propylbenzene	1000	1030	103	70-136	
sec-Butylbenzene	1000	983	98	64-143	
tert-Butylbenzene	1000	973	97	71-134	
Toluene	1000	1030	103	79-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O98835.D

Lab ID: LCS 460-300938/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	17.9	90	80-122	
1,3,5-Trimethylbenzene	20.0	18.2	91	79-122	
4-Isopropyltoluene	20.0	18.2	91	78-120	
Benzene	20.0	18.3	91	75-123	
Ethylbenzene	20.0	18.6	93	80-120	
Isopropylbenzene	20.0	19.3	96	80-120	
Methyl tert-butyl ether	20.0	21.0	105	75-124	
Naphthalene	20.0	21.9	109	73-121	
n-Butylbenzene	20.0	19.4	97	79-125	
N-Propylbenzene	20.0	18.9	95	77-124	
sec-Butylbenzene	20.0	19.0	95	78-125	
tert-Butylbenzene	20.0	18.3	92	79-122	
Toluene	20.0	18.6	93	82-117	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B83049.D

Lab ID: LCSD 460-300935/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trimethylbenzene	1000	1010	101	2	30	76-129	
1,3,5-Trimethylbenzene	1000	973	97	3	30	75-131	
4-Isopropyltoluene	1000	995	99	4	30	62-139	
Benzene	1000	1010	101	1	30	74-126	
Ethylbenzene	1000	969	97	5	30	80-120	
Isopropylbenzene	1000	1010	101	2	30	78-129	
Methyl tert-butyl ether	1000	1140	114	5	30	68-128	
Naphthalene	1000	760	76	0	30	53-150	
n-Butylbenzene	1000	1010	101	6	30	61-145	
N-Propylbenzene	1000	1070	107	5	30	70-136	
sec-Butylbenzene	1000	991	99	1	30	64-143	
tert-Butylbenzene	1000	973	97	0	30	71-134	
Toluene	1000	1060	106	3	30	79-121	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O98857.D

Lab ID: LCSD 460-300938/27 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trimethylbenzene	20.0	17.6	88	2	30	80-122	
1,3,5-Trimethylbenzene	20.0	17.6	88	3	30	79-122	
4-Isopropyltoluene	20.0	18.1	91	1	30	78-120	
Benzene	20.0	19.3	96	5	30	75-123	
Ethylbenzene	20.0	19.0	95	2	30	80-120	
Isopropylbenzene	20.0	19.6	98	2	30	80-120	
Methyl tert-butyl ether	20.0	21.4	107	2	30	75-124	
Naphthalene	20.0	22.1	111	1	30	73-121	
n-Butylbenzene	20.0	19.2	96	1	30	79-125	
N-Propylbenzene	20.0	19.9	100	5	30	77-124	
sec-Butylbenzene	20.0	19.8	99	4	30	78-125	
tert-Butylbenzene	20.0	19.0	95	3	30	79-122	
Toluene	20.0	19.0	95	2	30	82-117	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: O98837.D Lab Sample ID: MB 460-300938/7

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

Instrument ID: CVOAMS12 Date Analyzed: 05/26/2015 23:41

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300938/5	O98835.D	05/26/2015 22:49
	LB3 460-300184/1-A	O98854.D	05/27/2015 06:58
SB-2 (14-15)	460-95247-1	O98855.D	05/27/2015 07:24
	LCSD 460-300938/27	O98857.D	05/27/2015 08:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: B83052.D Lab Sample ID: MB 460-300935/8

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

Instrument ID: CVOAMS2 Date Analyzed: 05/27/2015 00:58

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-300935/4	B83048.D	05/26/2015 23:18
	LCSD 460-300935/5	B83049.D	05/26/2015 23:45
SB-7 (6-8)	460-95247-2	B83068.D	05/27/2015 07:31

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: O98723.D BFB Injection Date: 05/22/2015

Instrument ID: CVOAMS12 BFB Injection Time: 05:27

Analysis Batch No.: 300261

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	45.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.7	
175	5.0 - 9.0 % of mass 174	6.8	(7.3)1
176	95.0 - 101.0 % of mass 174	92.2	(99.5)1
177	5.0 - 9.0 % of mass 176	5.8	(6.2)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-300261/3	O98725.D	05/22/2015	06:22
	STD20 460-300261/5	O98727.D	05/22/2015	07:12
	STD50 460-300261/6	O98728.D	05/22/2015	07:38
	STD200 460-300261/7	O98729.D	05/22/2015	08:03
	STD500 460-300261/8	O98730.D	05/22/2015	08:29
	STD5 460-300261/13	O98735.D	05/22/2015	11:50

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: O98831.D BFB Injection Date: 05/26/2015

Instrument ID: CVOAMS12 BFB Injection Time: 20:52

Analysis Batch No.: 300938

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	49.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	92.3	
175	5.0 - 9.0 % of mass 174	7.1	(7.7)1
176	95.0 - 101.0 % of mass 174	88.9	(96.4)1
177	5.0 - 9.0 % of mass 176	5.8	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300938/3	O98833.D	05/26/2015	21:45
	LCS 460-300938/5	O98835.D	05/26/2015	22:49
	MB 460-300938/7	O98837.D	05/26/2015	23:41
	LB3 460-300184/1-A	O98854.D	05/27/2015	06:58
SB-2 (14-15)	460-95247-1	O98855.D	05/27/2015	07:24
	LCSD 460-300938/27	O98857.D	05/27/2015	08:14

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: B82657.D BFB Injection Date: 05/15/2015

Instrument ID: CVOAMS2 BFB Injection Time: 01:08

Analysis Batch No.: 298733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.5	
75	30.0 - 60.0 % of mass 95	49.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	76.2	
175	5.0 - 9.0 % of mass 174	5.3	(7.0)1
176	95.0 - 101.0 % of mass 174	74.1	(97.2)1
177	5.0 - 9.0 % of mass 176	4.2	(5.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 460-298733/4	B82660.D	05/15/2015	02:28
	STD20 460-298733/5	B82661.D	05/15/2015	02:52
	STD50 460-298733/6	B82662.D	05/15/2015	03:15
	STD200 460-298733/7	B82663.D	05/15/2015	03:39
	STD500 460-298733/8	B82664.D	05/15/2015	04:03
	STD7 460-298733/11	B82667.D	05/15/2015	05:15
	STD1 460-298733/16	B82672.D	05/15/2015	07:25

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: B83045.D BFB Injection Date: 05/26/2015

Instrument ID: CVOAMS2 BFB Injection Time: 21:51

Analysis Batch No.: 300935

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.5	
75	30.0 - 60.0 % of mass 95	55.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	8.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	5.5	(6.6)1
176	95.0 - 101.0 % of mass 174	80.3	(97.0)1
177	5.0 - 9.0 % of mass 176	6.2	(7.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300935/3	B83047.D	05/26/2015	22:54
	LCS 460-300935/4	B83048.D	05/26/2015	23:18
	LCSD 460-300935/5	B83049.D	05/26/2015	23:45
	MB 460-300935/8	B83052.D	05/27/2015	00:58
SB-7 (6-8)	460-95247-2	B83068.D	05/27/2015	07:31

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300938/3 Date Analyzed: 05/26/2015 21:45

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O98833.D Heated Purge: (Y/N) Y

Calibration ID: 50076

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		222208	2.23	149668	3.11	429028	4.19
UPPER LIMIT		444416	2.73	299336	3.61	858056	4.69
LOWER LIMIT		111104	1.73	74834	2.61	214514	3.69
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300938/5		215236	2.22	144408	3.12	387003	4.19
MB 460-300938/7		198316	2.22	123206	3.11	294158	4.19
LB3 460-300184/1-A		162871	2.22	109915	3.11	301931	4.19
460-95247-1	SB-2 (14-15)	138403	2.21	88129	3.11	240720	4.19
LCSD 460-300938/27		202678	2.22	135690	3.11	341035	4.19

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300938/3 Date Analyzed: 05/26/2015 21:45

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): O98833.D Heated Purge: (Y/N) Y

Calibration ID: 50076

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22482	4.92	360850	7.92	202795	11.59
UPPER LIMIT		44964	5.42	721700	8.42	405590	12.09
LOWER LIMIT		11241	4.42	180425	7.42	101398	11.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300938/5		20996	4.92	373390	7.92	209047	11.59
MB 460-300938/7		20132	4.92	355032	7.92	197565	11.59
LB3 460-300184/1-A		15233	4.92	369995	7.92	193063	11.59
460-95247-1	SB-2 (14-15)	16745	4.92	339990	7.92	186053	11.59
LCSD 460-300938/27		20862	4.92	336945	7.92	187695	11.59

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300935/3 Date Analyzed: 05/26/2015 22:54

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B83047.D Heated Purge: (Y/N) N

Calibration ID: 49964

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		332145	2.64	232543	3.74	481303	4.96
UPPER LIMIT		664290	3.14	465086	4.24	962606	5.46
LOWER LIMIT		166073	2.14	116272	3.24	240652	4.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300935/4		335105	2.65	254155	3.74	485667	4.96
LCSD 460-300935/5		330229	2.65	255425	3.74	481440	4.96
MB 460-300935/8		324832	2.66	304610	3.74	558716	4.96
460-95247-2	SB-7 (6-8)	321980	2.64	318573	3.74	581661	4.96

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300935/3 Date Analyzed: 05/26/2015 22:54

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B83047.D Heated Purge: (Y/N) N

Calibration ID: 49964

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31913	5.80	448913	8.57	249911	10.64
UPPER LIMIT		63826	6.30	897826	9.07	499822	11.14
LOWER LIMIT		15957	5.30	224457	8.07	124956	10.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300935/4		31046	5.81	455746	8.57	254641	10.64
LCSD 460-300935/5		32869	5.81	468212	8.57	261030	10.64
MB 460-300935/8		27880	5.82	448520	8.57	245303	10.64
460-95247-2	SB-7 (6-8)	27410	5.81	459566	8.57	239160	10.64

DXE = 1,4-Dioxane-d8
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: SB-2 (14-15) | Lab Sample ID: 460-95247-1

Matrix: Solid | Lab File ID: O98855.D

Analysis Method: 8260C | Date Collected: 05/20/2015 16:00

Sample wt/vol: 5.99(g) | Date Analyzed: 05/27/2015 07:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.9 | Level: (low/med) Low

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	0.45	J	0.98	0.33
108-67-8	1,3,5-Trimethylbenzene	0.17	J	0.98	0.13
99-87-6	4-Isopropyltoluene	0.98	U	0.98	0.15
71-43-2	Benzene	0.98	U	0.98	0.20
100-41-4	Ethylbenzene	0.38	J	0.98	0.18
98-82-8	Isopropylbenzene	0.26	J	0.98	0.17
1634-04-4	Methyl tert-butyl ether	0.98	U	0.98	0.17
91-20-3	Naphthalene	0.98	U	0.98	0.12
104-51-8	n-Butylbenzene	0.98	U	0.98	0.21
103-65-1	N-Propylbenzene	0.43	J	0.98	0.18
135-98-8	sec-Butylbenzene	0.98	U	0.98	0.17
98-06-6	tert-Butylbenzene	0.98	U	0.98	0.33
108-88-3	Toluene	0.98	U	0.98	0.19
1330-20-7	Xylenes, Total	0.70	J	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
460-00-4	4-Bromofluorobenzene	111		70-130
1868-53-7	Dibromofluoromethane (Surr)	138	*	70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D
Lims ID: 460-95247-B-1-A Lab Sample ID: 460-95247-1
Client ID: SB-2 (14-15)
Sample Type: Client
Inject. Date: 27-May-2015 07:24:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-95247-B-1-A
Misc. Info.: 460-0027822-025
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:19:13 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: desais Date: 27-May-2015 11:06:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.214	2.226	-0.012	99	138403	1000.0	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	100	88129	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	102159	69.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	98	81802	64.0	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	240720	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	97	16745	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	100	401413	44.5	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	339990	50.0	
94 Ethylbenzene	106	8.164	8.164	0.000	97	1849	0.3865	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.000	95	4029	0.7157	
101 Isopropylbenzene	105	9.551	9.557	-0.006	96	3830	0.2625	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	172388	55.4	
108 N-Propylbenzene	91	10.226	10.226	0.000	99	7162	0.4335	
112 1,3,5-Trimethylbenzene	105	10.537	10.543	-0.006	94	1917	0.1742	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	95	5141	0.4541	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	186053	50.0	
S 135 Xylenes, Total	100				0		0.7157	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

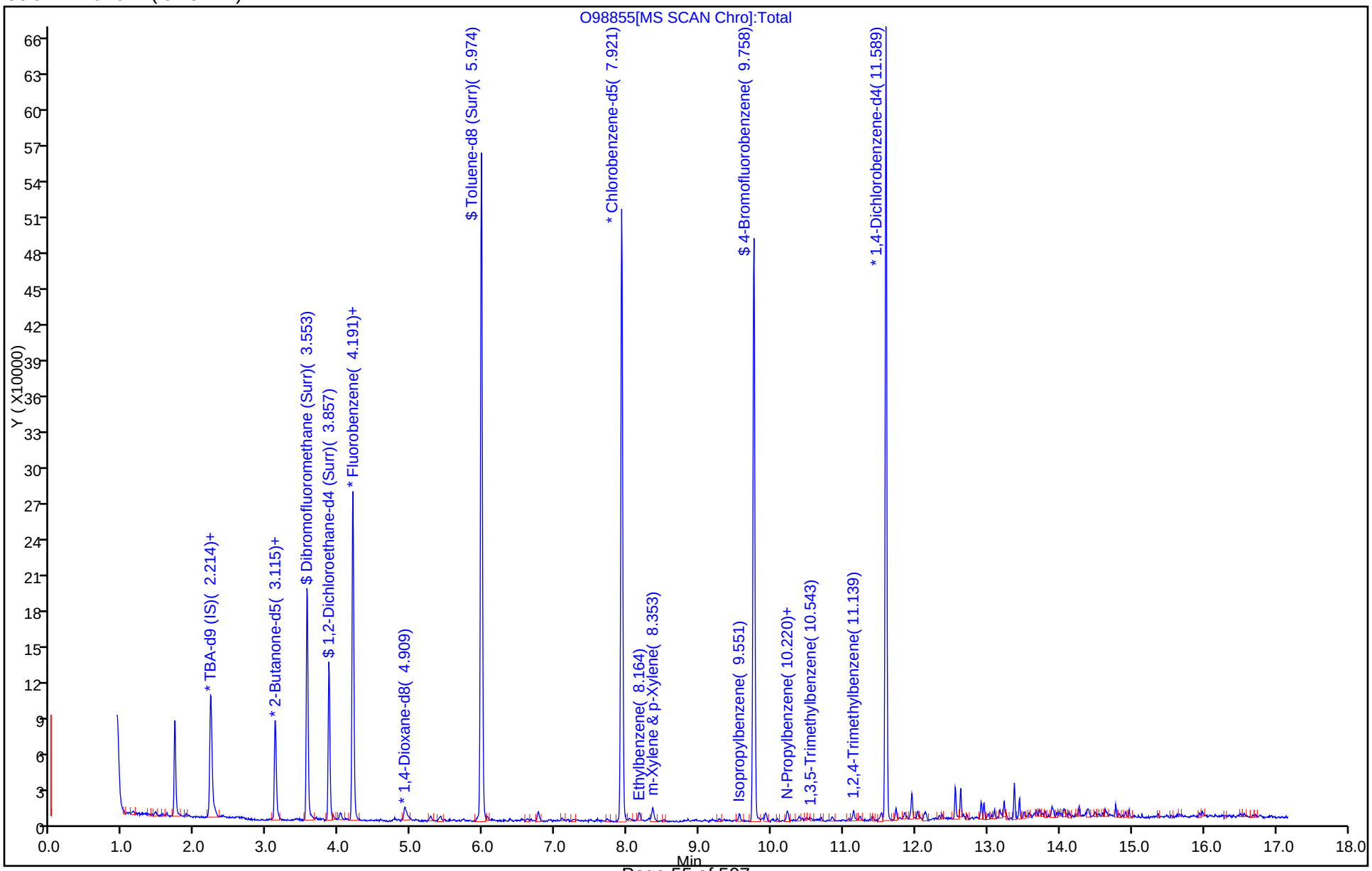
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1	Worklist Smp#:	25
Client ID:	SB-2 (14-15)				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



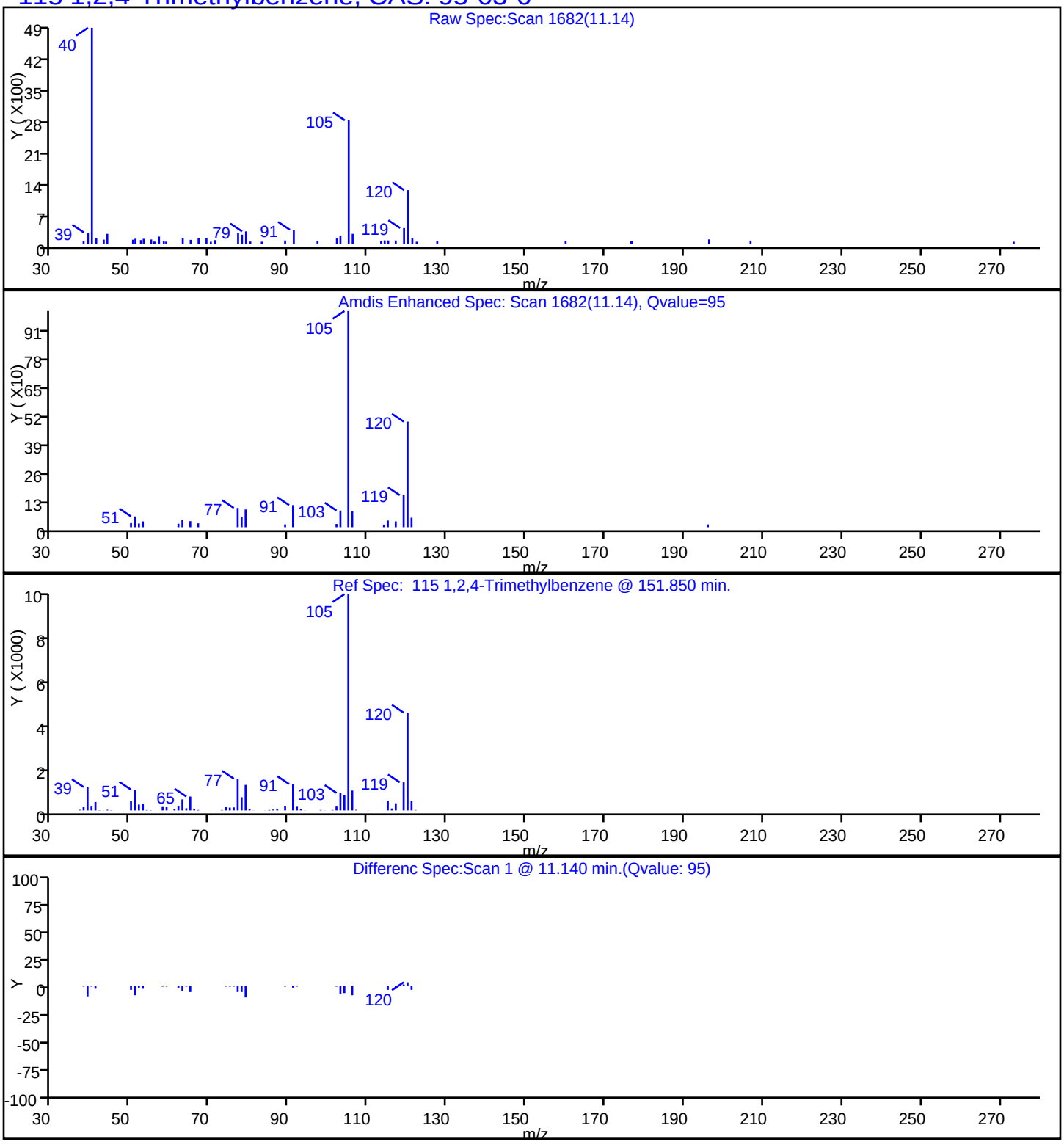
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



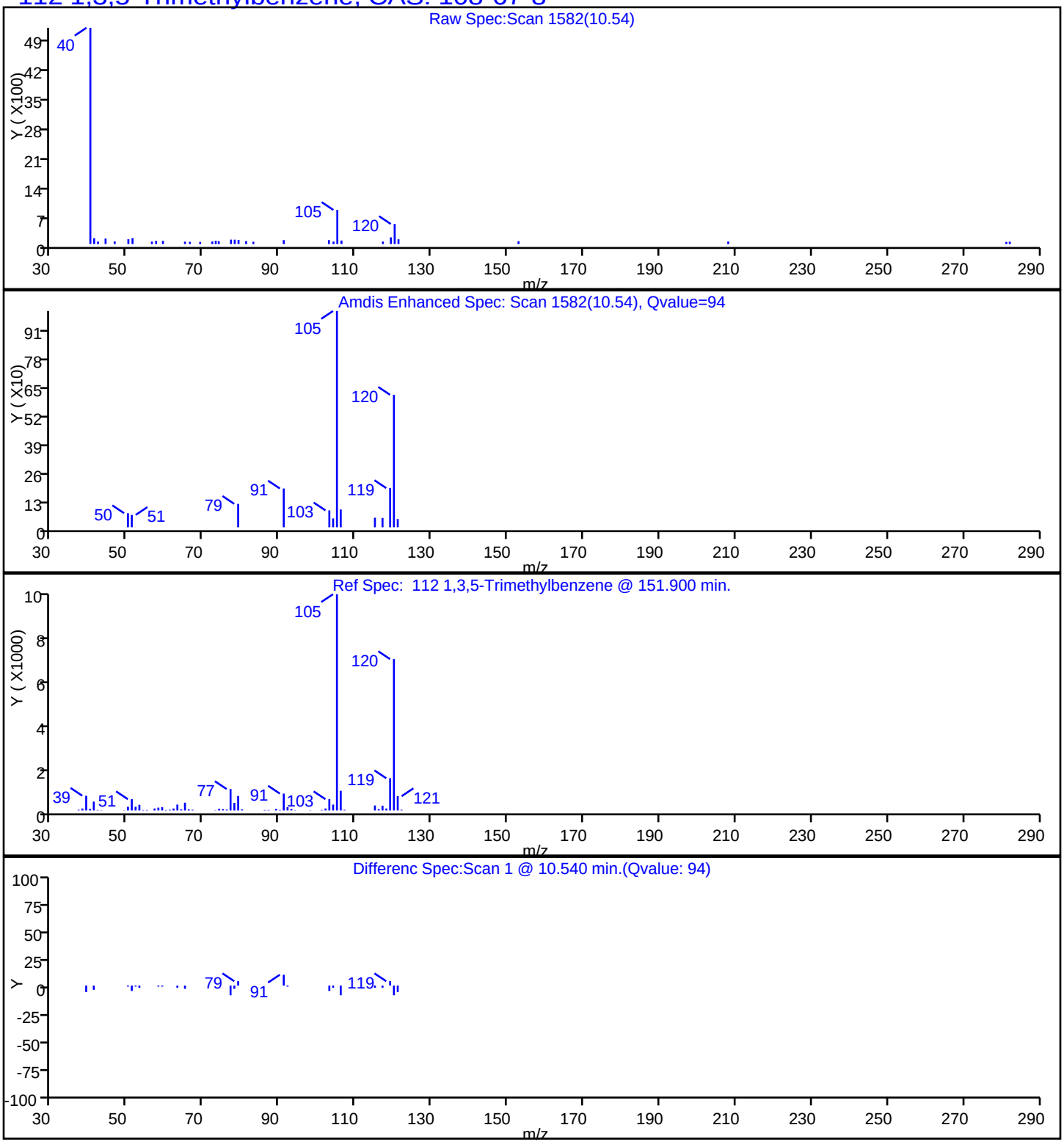
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

112 1,3,5-Trimethylbenzene, CAS: 108-67-8



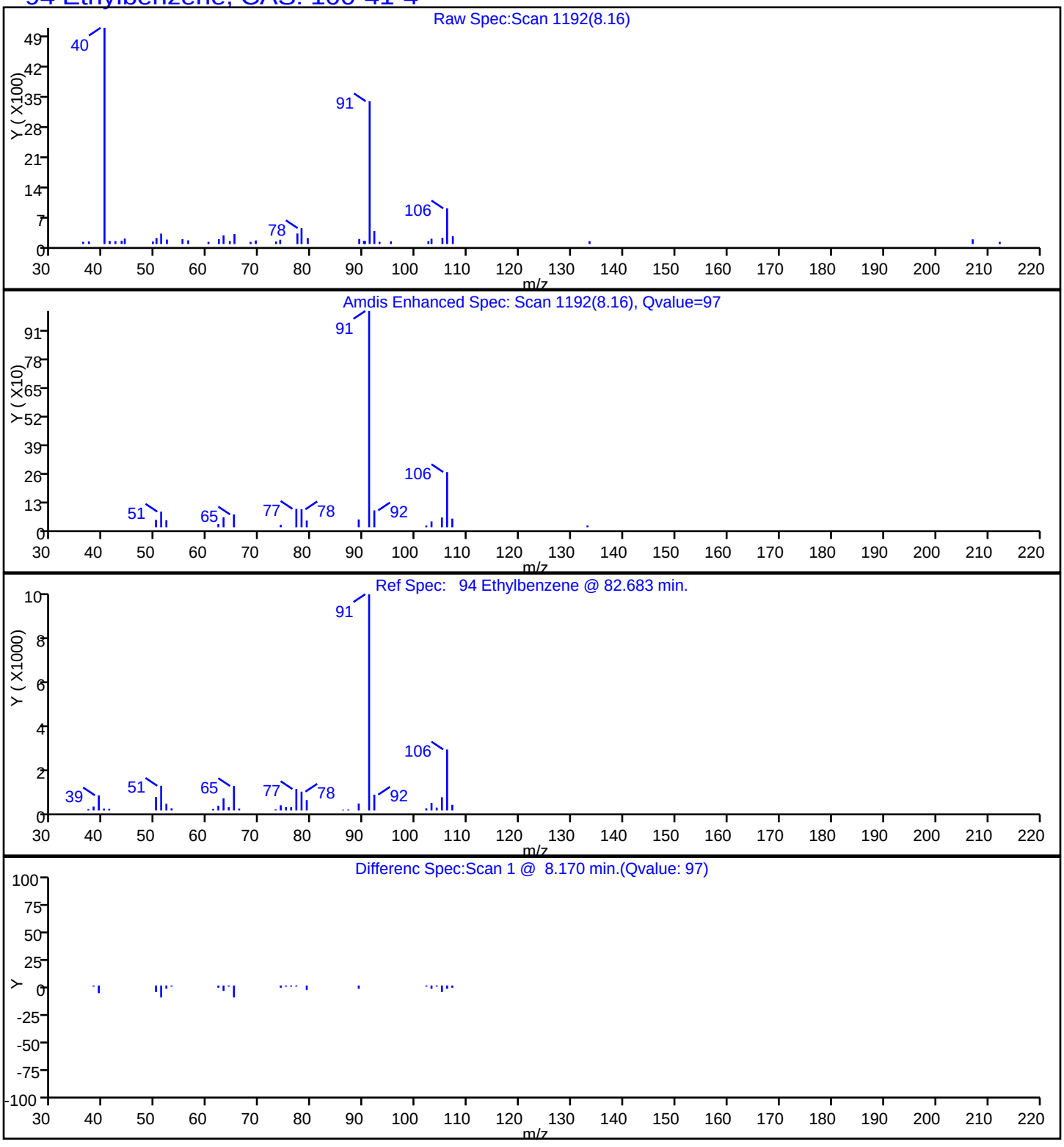
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

94 Ethylbenzene, CAS: 100-41-4

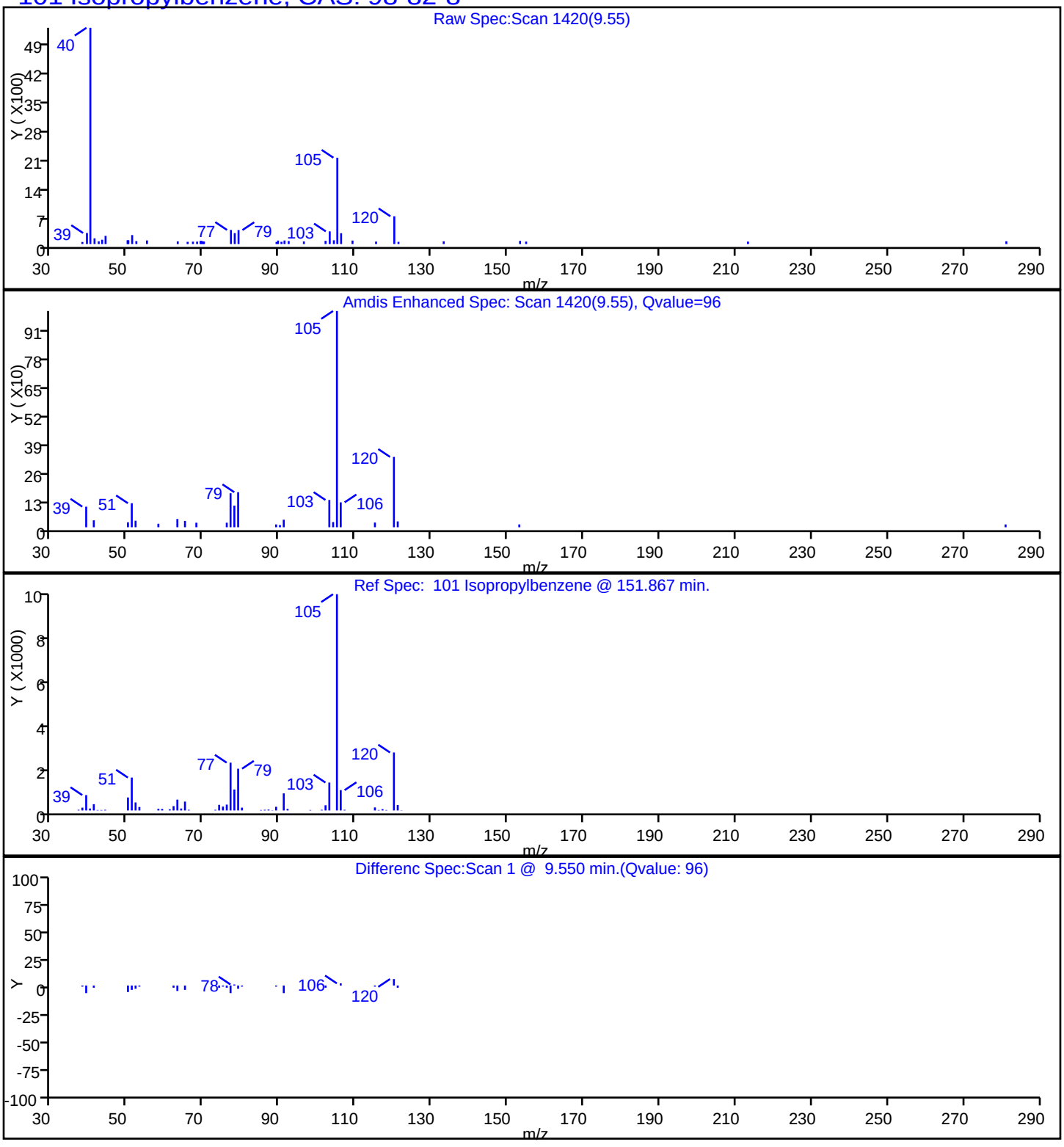


Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D				
Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Isopropylbenzene, CAS: 98-82-8



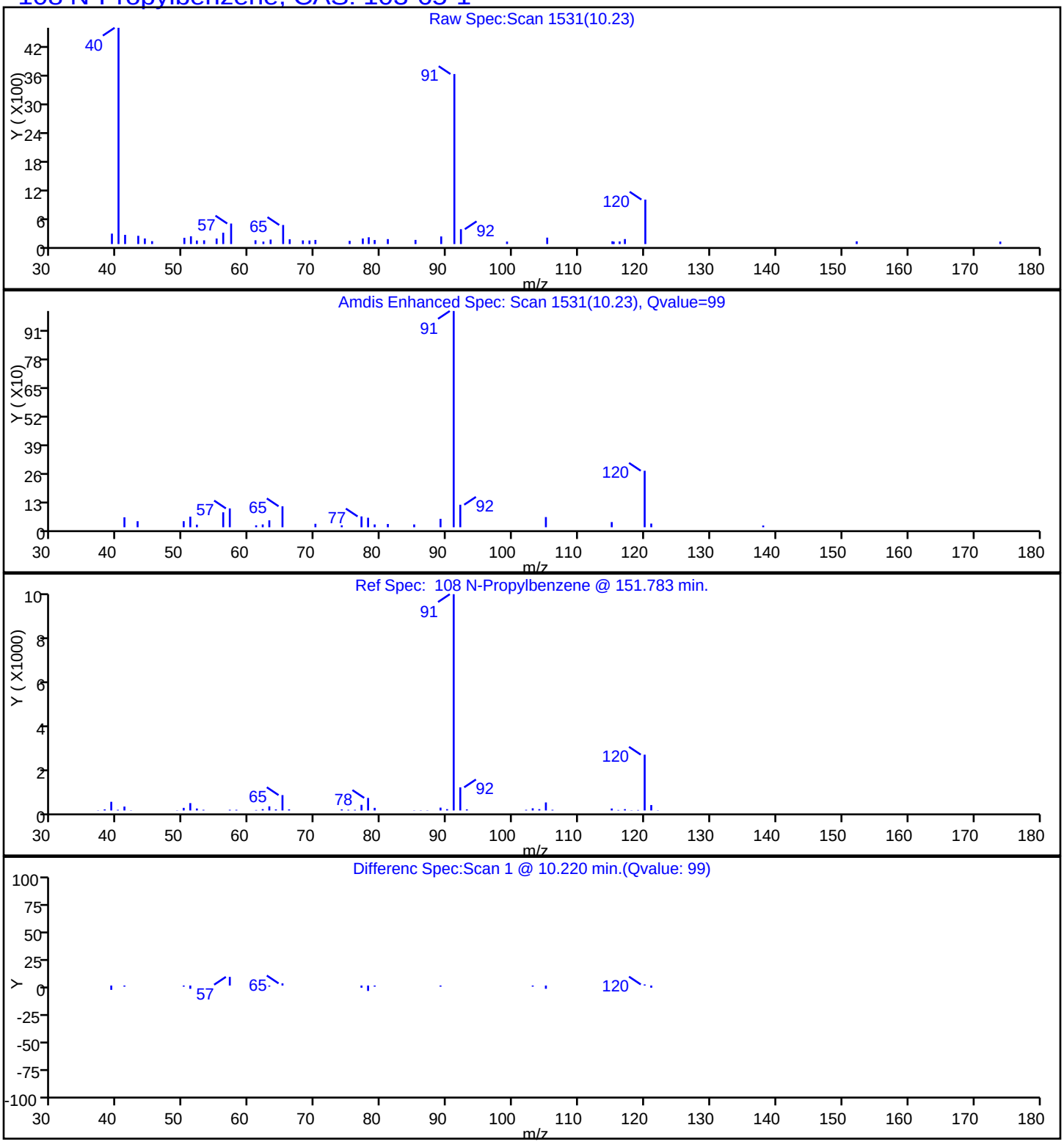
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

108 N-Propylbenzene, CAS: 103-65-1



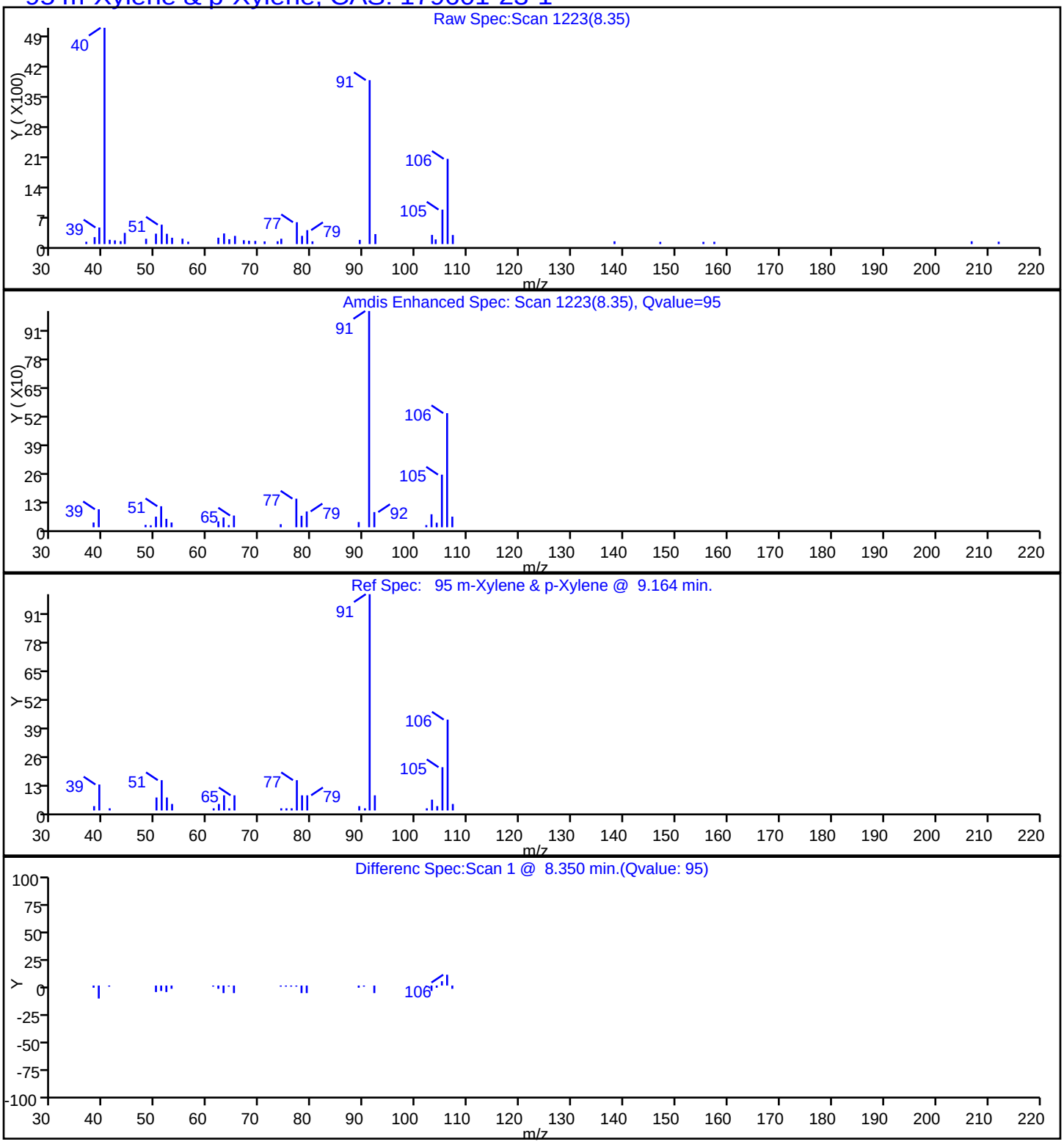
Report Date: 27-May-2015 11:20:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98855.D

Injection Date:	27-May-2015 07:24:30	Instrument ID:	CVOAMS12		
Lims ID:	460-95247-B-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:	VOA GC/MS12	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

95 m-Xylene & p-Xylene, CAS: 179601-23-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: SB-7 (6-8) | Lab Sample ID: 460-95247-2

Matrix: Solid | Lab File ID: B83068.D

Analysis Method: 8260C | Date Collected: 05/20/2015 17:00

Sample wt/vol: 5.21(g) | Date Analyzed: 05/27/2015 07:31

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.7 | Level: (low/med) Medium

Analysis Batch No.: 300935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	350000		1200	270
108-67-8	1,3,5-Trimethylbenzene	110000		1200	300
99-87-6	4-Isopropyltoluene	3700		1200	310
71-43-2	Benzene	15000		1200	230
100-41-4	Ethylbenzene	43000		1200	360
98-82-8	Isopropylbenzene	6600		1200	380
1634-04-4	Methyl tert-butyl ether	1200	U	1200	160
91-20-3	Naphthalene	36000		1200	310
104-51-8	n-Butylbenzene	1200	U	1200	320
103-65-1	N-Propylbenzene	22000		1200	350
135-98-8	sec-Butylbenzene	4000		1200	370
98-06-6	tert-Butylbenzene	1200	U	1200	330
108-88-3	Toluene	220000		1200	300
1330-20-7	Xylenes, Total	680000		2400	330

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		75-135
460-00-4	4-Bromofluorobenzene	85		72-133
1868-53-7	Dibromofluoromethane (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	101		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D
Lims ID: 460-95247-A-2-A Lab Sample ID: 460-95247-2
Client ID: SB-7 (6-8)
Sample Type: Client
Inject. Date: 27-May-2015 07:31:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Sample Info: 460-95247-A-2-A
Misc. Info.: 460-0027820-024
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 14:01:56 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: delpolitov Date: 27-May-2015 14:01:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.640	2.640	0.000	86	321980	1000.0	
* 158 2-Butanone-d5	46	3.742	3.743	-0.001	96	318573	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.261	0.000	92	14388	4.90	
55 Benzene	78	4.615	4.607	0.008	60	167368	12.9	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	32	22831	5.83	
* 62 Fluorobenzene	96	4.960	4.961	-0.001	98	581661	50.0	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	96	27410	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	96	51078	5.05	
81 Toluene	91	7.034	7.034	0.000	93	2401819	183.6	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	459566	50.0	
93 Ethylbenzene	106	8.680	8.680	0.000	98	170604	35.7	
95 m-Xylene & p-Xylene	106	8.795	8.796	-0.001	97	2152077	390.5	
96 o-Xylene	106	9.174	9.174	0.000	94	1037057	177.3	
101 Isopropylbenzene	105	9.495	9.495	0.000	94	69244	5.55	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	36	13816	4.25	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	245098	18.2	
111 1,3,5-Trimethylbenzene	105	10.022	10.014	0.008	92	904862	90.5	
115 1,2,4-Trimethylbenzene	105	10.334	10.326	0.008	98	2963056	291.5	
116 sec-Butylbenzene	105	10.458	10.458	0.000	95	33801	3.38	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	79	26769	3.07	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	239160	50.0	
132 Naphthalene	128	12.400	12.400	0.000	99	251713	30.0	
S 135 Xylenes, Total	100				0		567.8	

Reagents:

8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

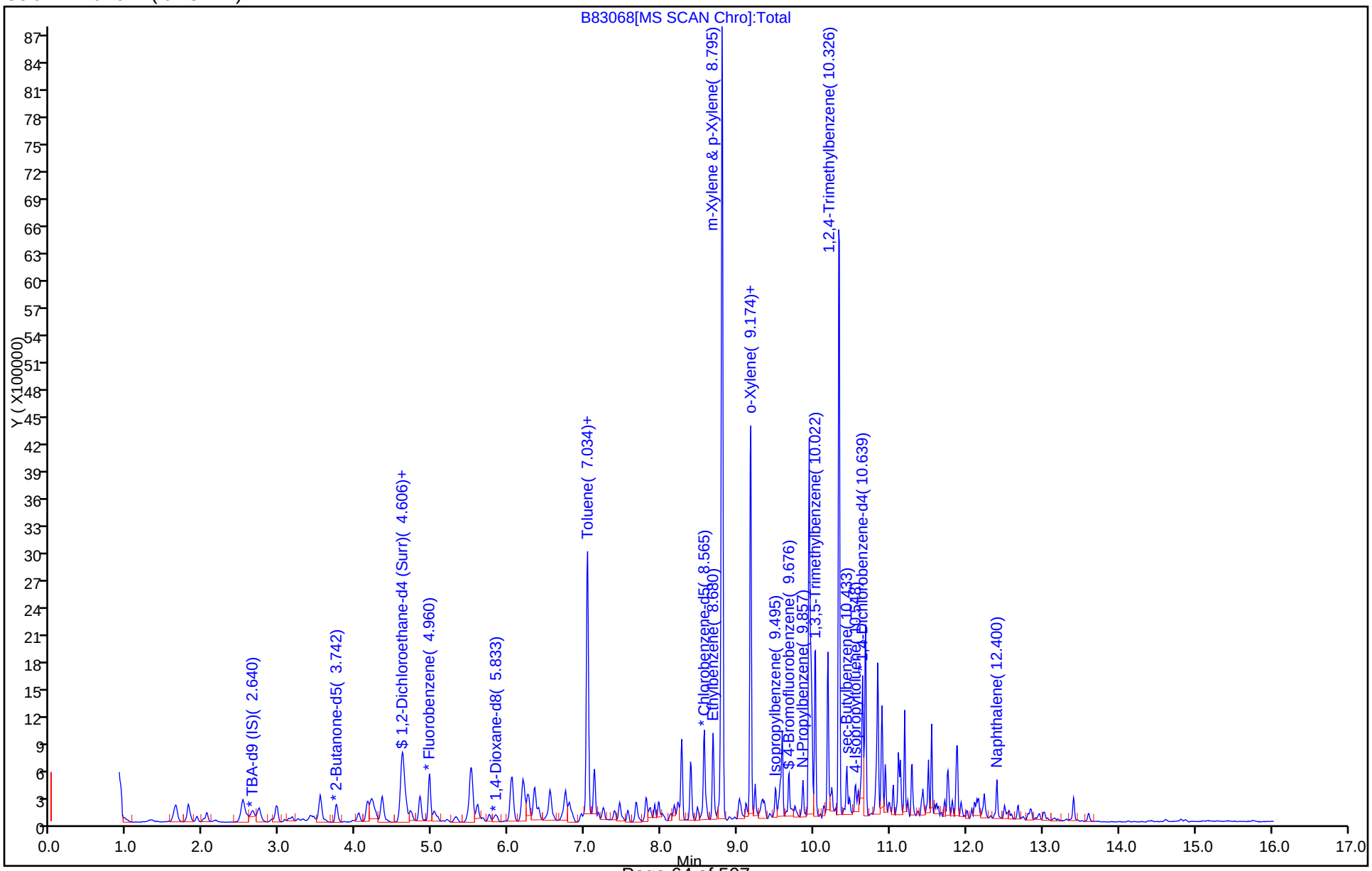
Report Date: 27-May-2015 14:01:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2	Worklist Smp#:	24
Client ID:	SB-7 (6-8)				
Purge Vol:	5.000 mL	Dil. Factor:	500.0000	ALS Bottle#:	23
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



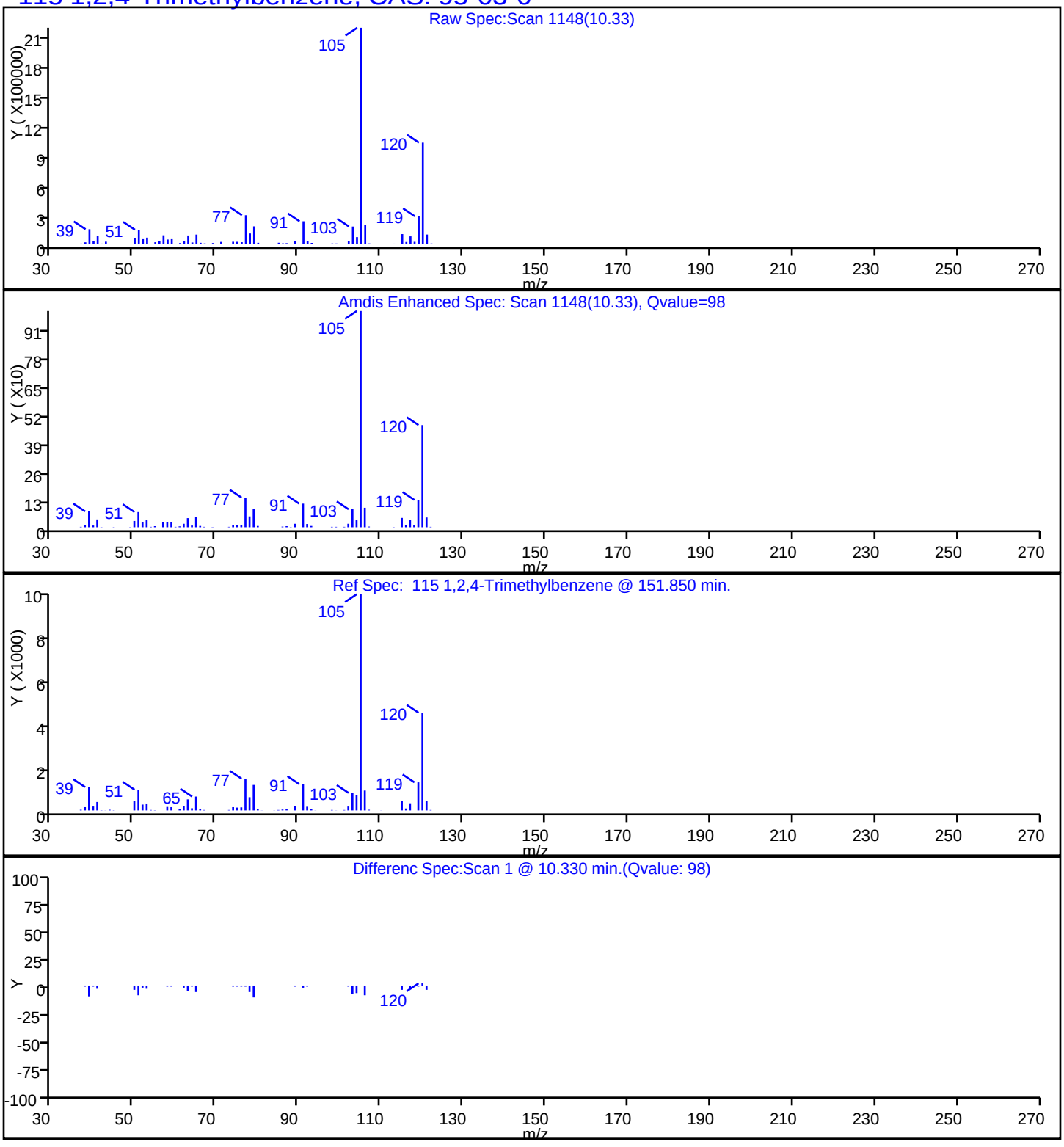
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

115 1,2,4-Trimethylbenzene, CAS: 95-63-6



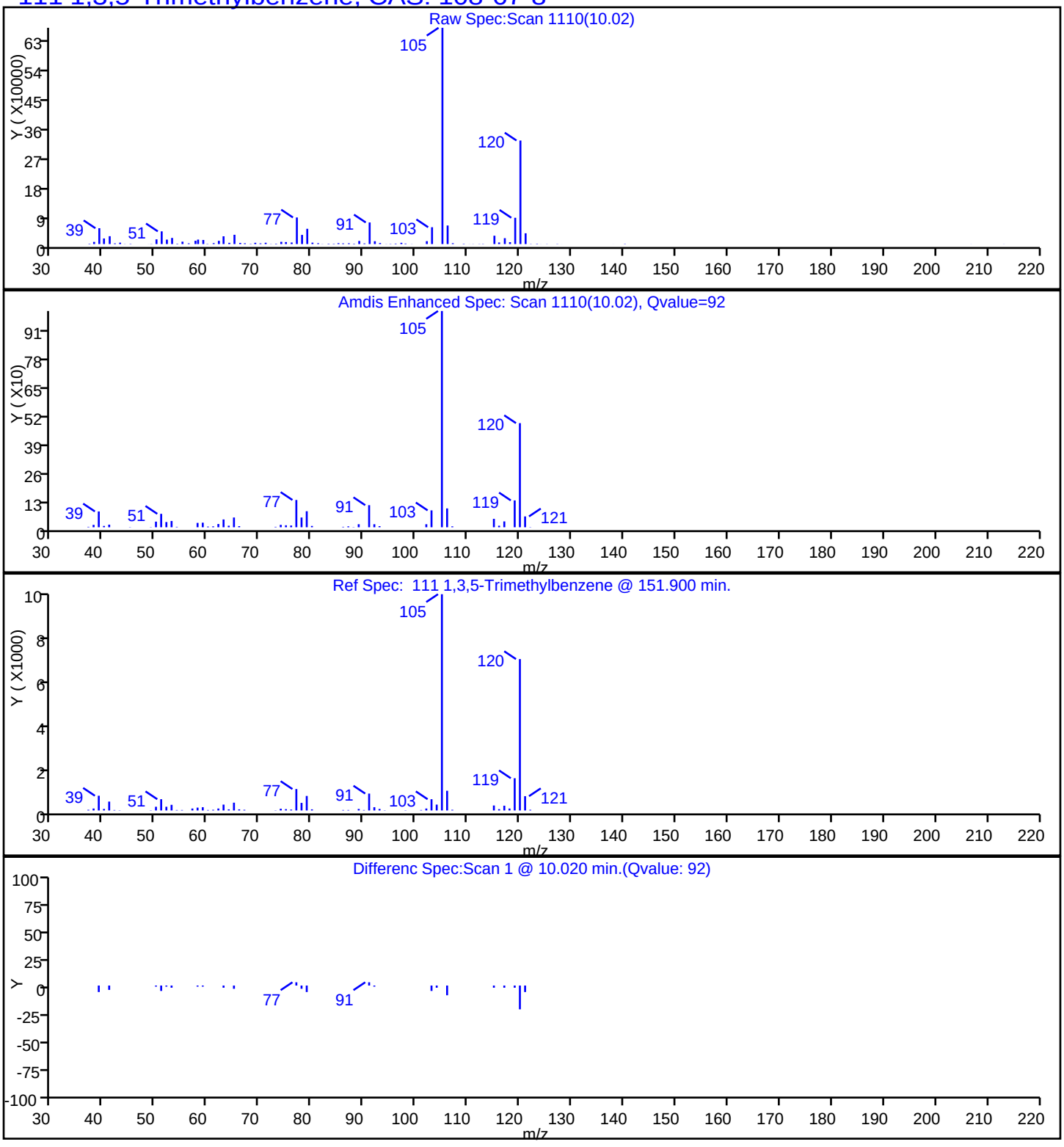
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

111 1,3,5-Trimethylbenzene, CAS: 108-67-8



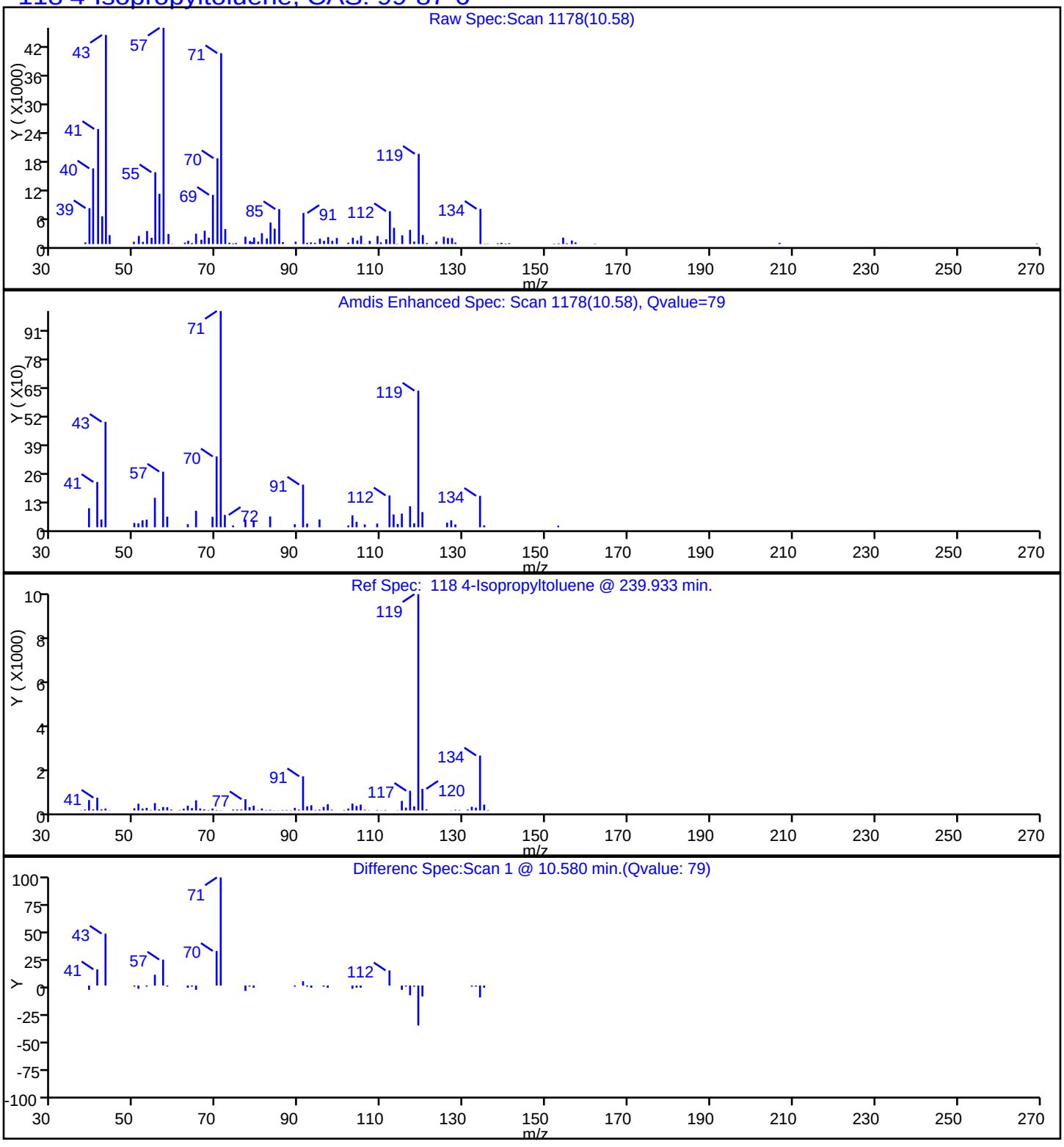
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6



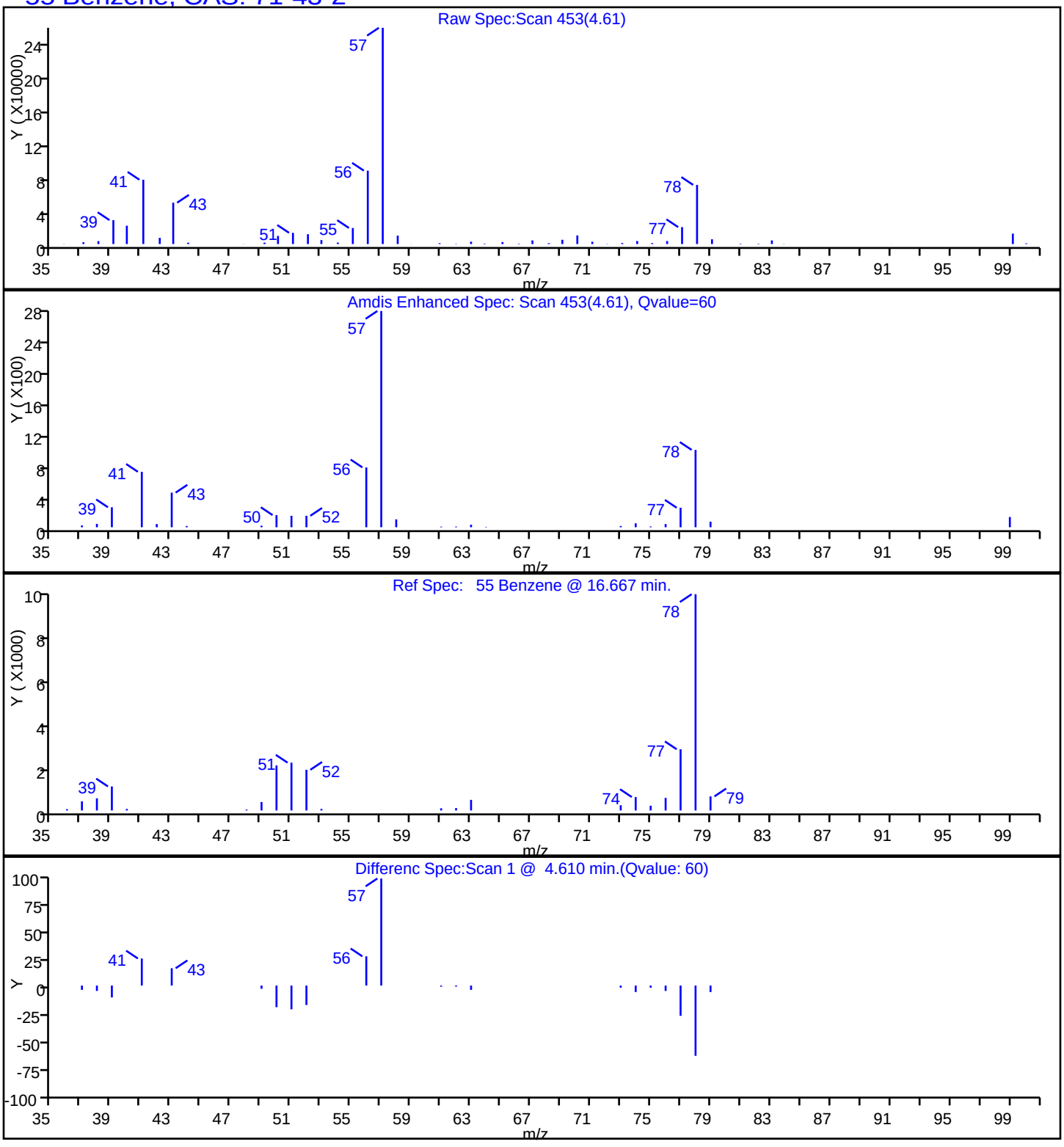
Report Date: 27-May-2015 14:01:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

55 Benzene, CAS: 71-43-2



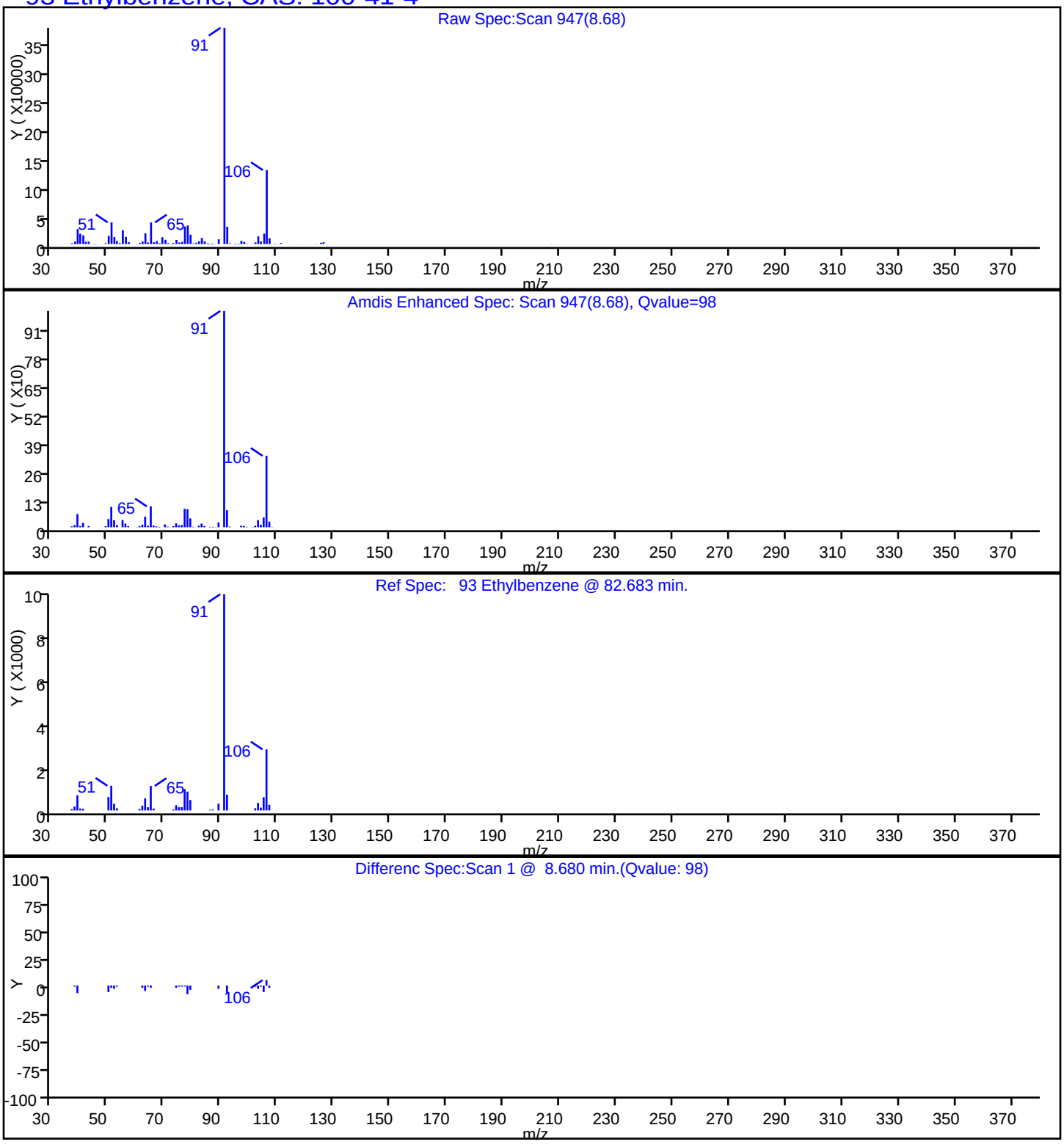
Report Date: 27-May-2015 14:01:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

93 Ethylbenzene, CAS: 100-41-4



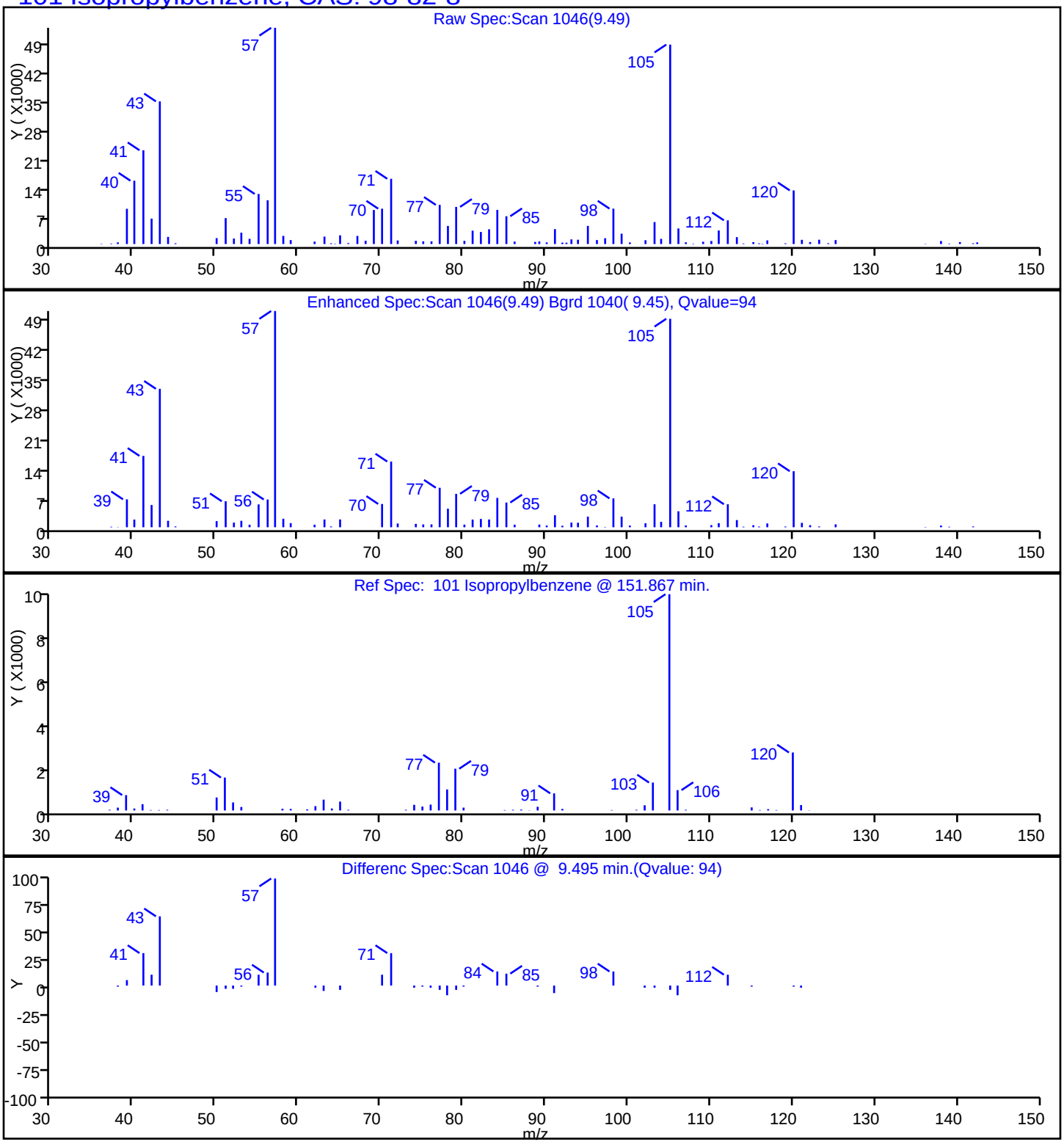
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2		
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Isopropylbenzene, CAS: 98-82-8

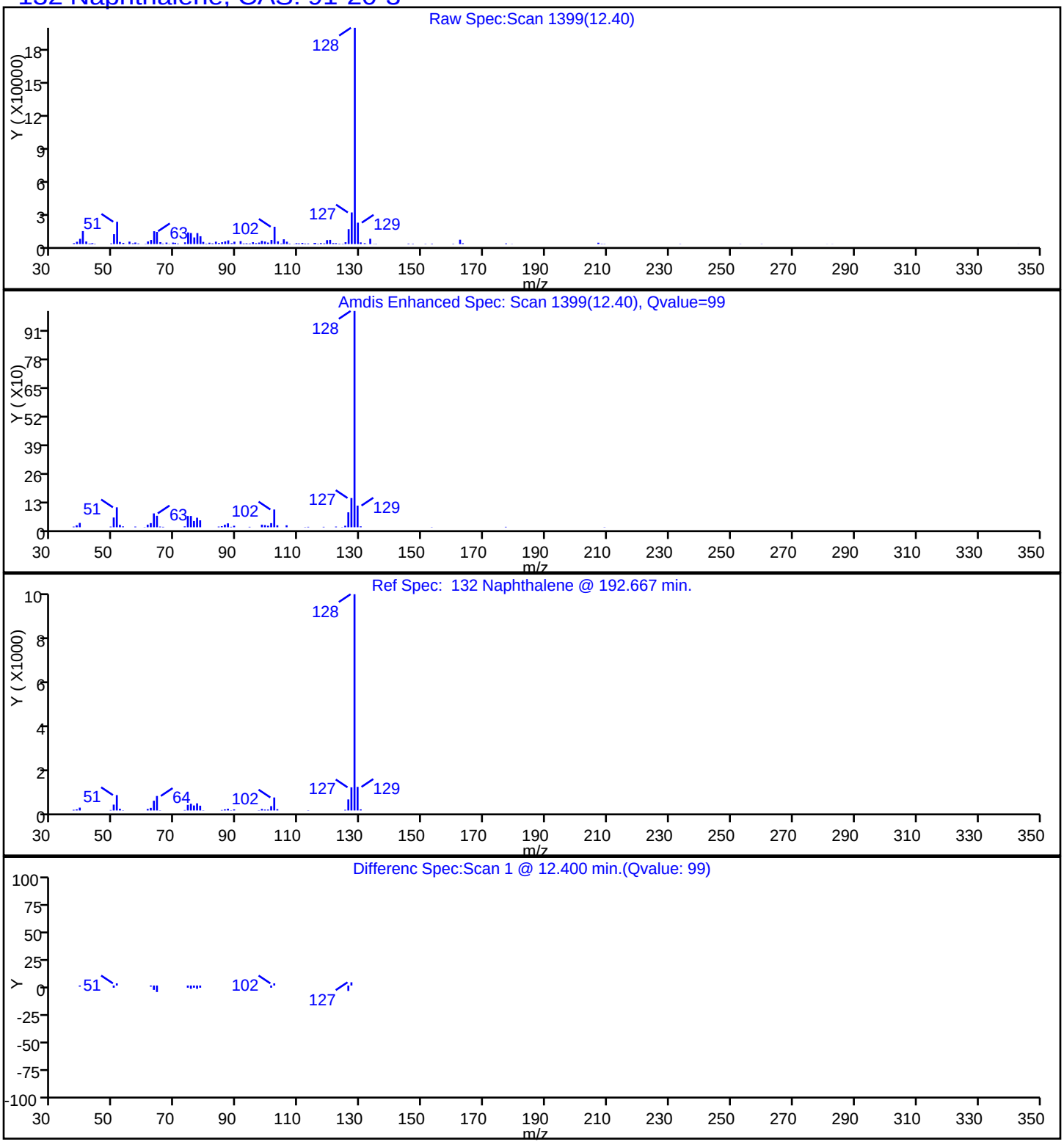


Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D		
Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

132 Naphthalene, CAS: 91-20-3



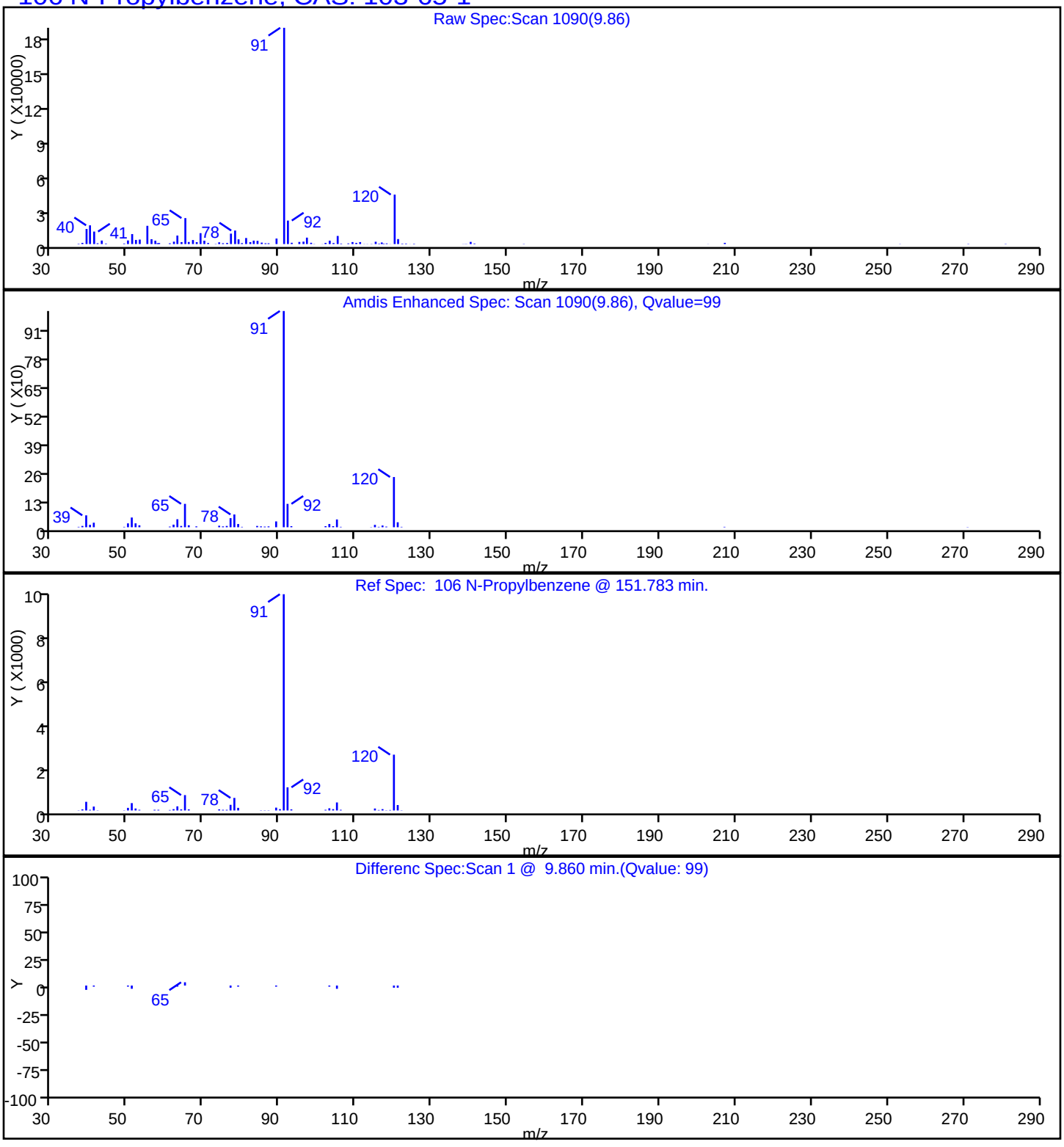
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

106 N-Propylbenzene, CAS: 103-65-1



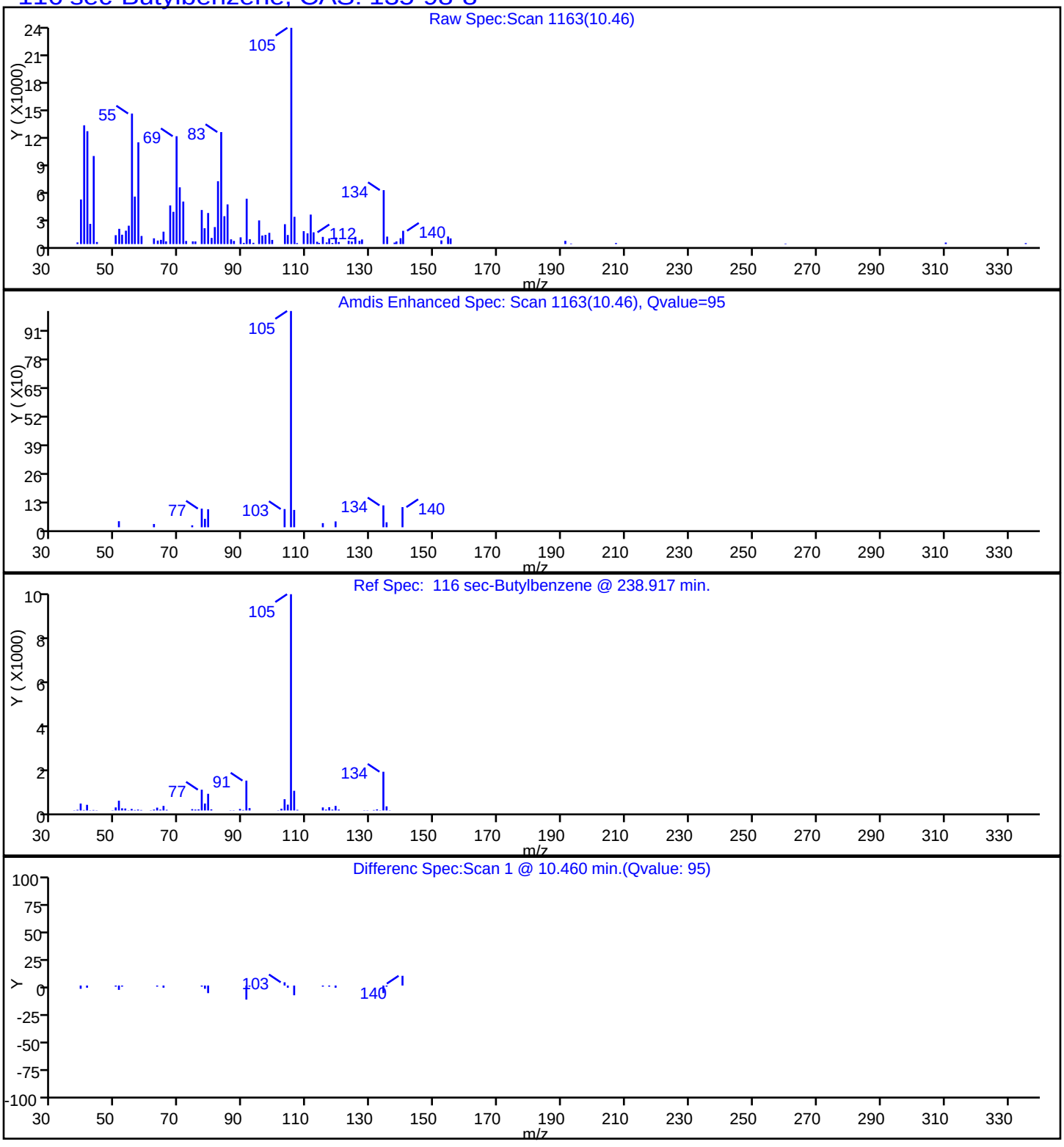
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2		
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

116 sec-Butylbenzene, CAS: 135-98-8



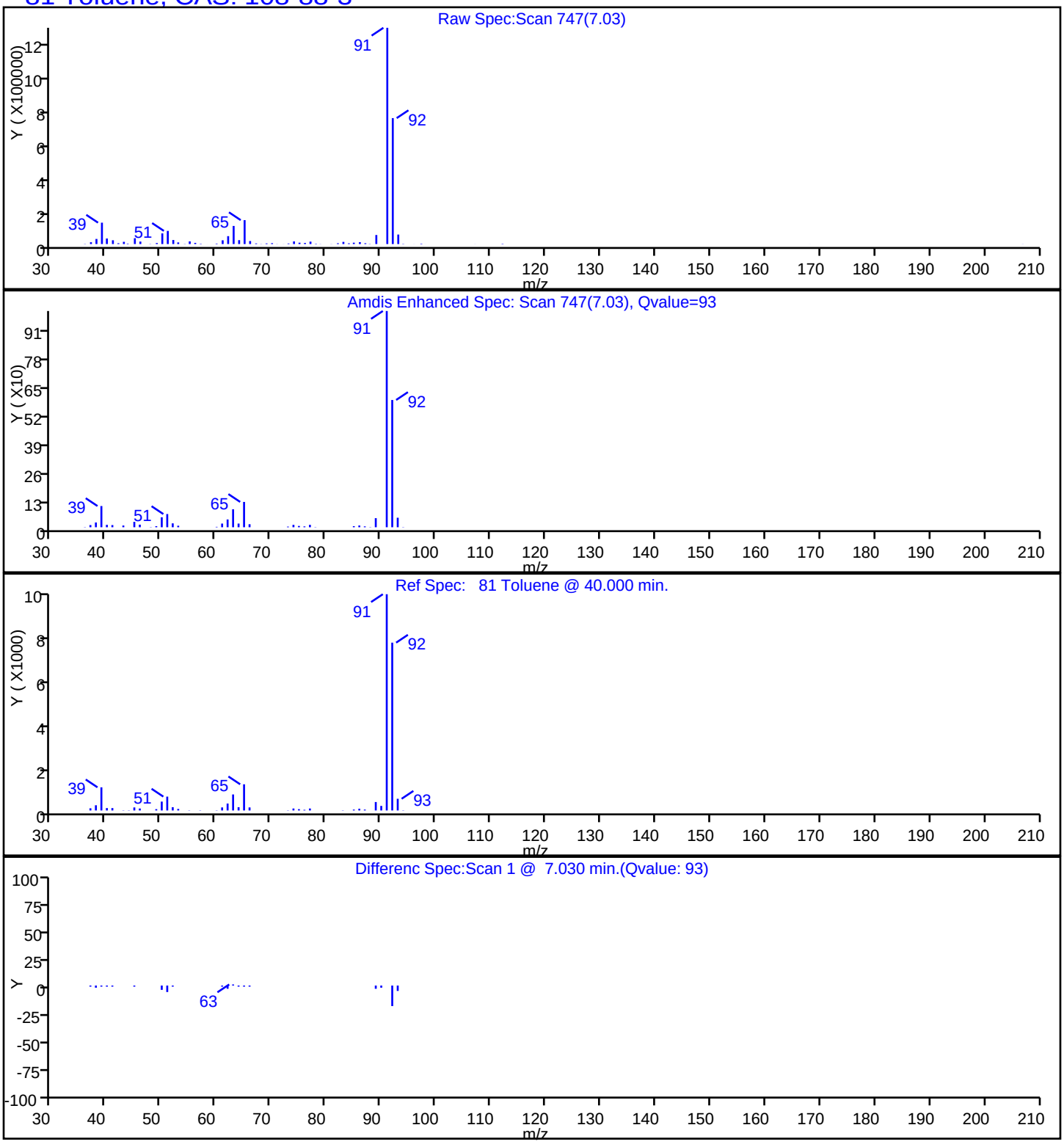
Report Date: 27-May-2015 14:01:58 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

81 Toluene, CAS: 108-88-3

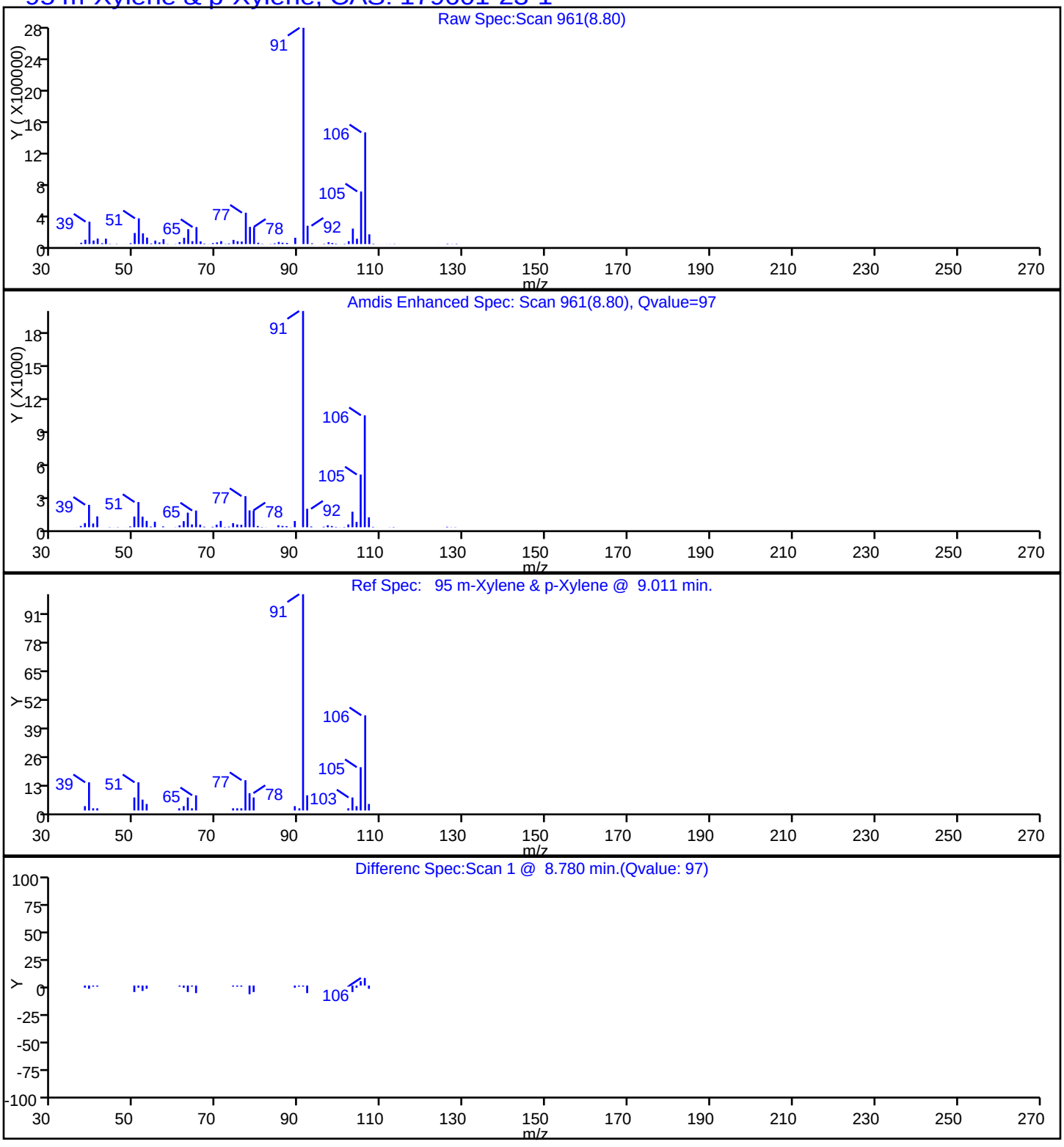


Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D		
Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2
Client ID:	SB-7 (6-8)		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



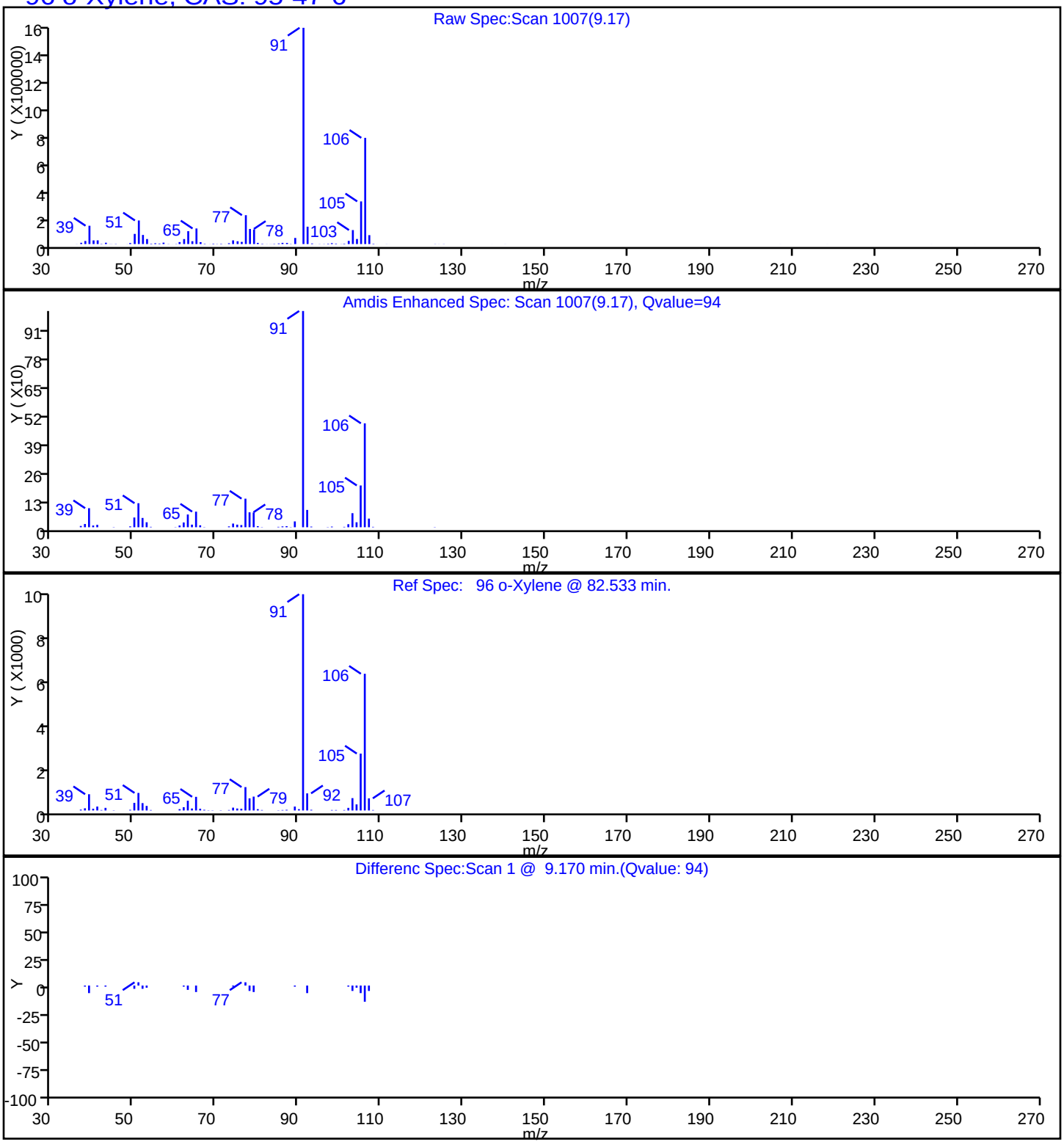
Report Date: 27-May-2015 14:01:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83068.D

Injection Date:	27-May-2015 07:31:30	Instrument ID:	CVOAMS2		
Lims ID:	460-95247-A-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-300261/3	O98725.D
Level 2	STD5 460-300261/13	O98735.D
Level 3	STD20 460-300261/5	O98727.D
Level 4	STD50 460-300261/6	O98728.D
Level 5	STD200 460-300261/7	O98729.D
Level 6	STD500 460-300261/8	O98730.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0918 0.0916	0.0844	0.1012	0.0897	0.0974	Ave		0.0927				6.4		20.0			
Dichlorodifluoromethane	0.6274 0.5772	0.7380	0.7072	0.6346	0.6081	Ave		0.6488			0.1000	9.5		20.0			
Chloromethane	0.5586 0.4404	0.5837	0.5682	0.4959	0.4517	Ave		0.5164			0.1000	12.1		20.0			
Vinyl chloride	0.6031 0.5165	0.6763	0.6464	0.5678	0.5305	Ave		0.5901			0.1000	10.8		20.0			
Butadiene	0.5299 0.4892	0.5929	0.5852	0.5210	0.5021	Ave		0.5367				8.0		20.0			
Bromomethane	0.6739 0.3363	0.5982	0.4189	0.3517	0.3428	QuaF		0.3500	-0.000028		0.1000				1.0000		0.9900
Chloroethane	0.4598 0.3243	0.4314	0.4109	0.3522	0.3372	Ave		0.3860			0.1000	14.4		20.0			
Dichlorofluoromethane	0.7596 0.7356	0.9511	0.9331	0.8135	0.7719	Ave		0.8275				11.2		20.0			
Trichlorofluoromethane	0.7998 0.7008	0.9249	0.8986	0.7881	0.7336	Ave		0.8077			0.1000	11.0		20.0			
Pentane	0.1147 0.1044	0.0992	0.1089	0.0984	0.1059	Ave		0.1052				5.8		20.0			
Ethanol	0.1141 0.0457	0.0763	0.0667	0.0577	0.0526	QuaF		0.0577	-0.000001						1.0000		0.9900
Ethyl ether	0.4054 0.2705	0.3486	0.2830	0.2597	0.2678	Ave		0.3058				19.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.4845 0.3795	0.4756	0.4761	0.4276	0.4131	Ave		0.4427				9.6		20.0			
2-Methyl-1,3-butadiene	0.4747 0.4266	0.4569	0.4595	0.4278	0.4495	Ave		0.4492				4.2		20.0			
Acrolein	0.4922 0.4550	0.5420	0.5838	0.5983	0.5134	Ave		0.5308				10.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloroethene	0.4882 0.4504	0.5072	0.4982	0.4569	0.4409	Ave		0.4736			0.1000	5.8		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4702 0.4910	0.6244	0.5332	0.4986	0.4796	Ave		0.5162			0.1000	11.1		20.0			
Acetone	3.7347 0.9769	1.8602	1.3033	1.2581	1.0174	QuaF		1.0819	-0.000042		0.0500				0.9990		0.9900
Iodomethane	0.1040 0.5334	0.2349	0.5288	0.5715	0.5741	QuaF		0.5960	-0.000125						1.0000		0.9900
Isopropyl alcohol	1.6689 0.5920	0.8199	0.7180	0.6650	0.6608	QuaF		0.7031	-0.000022						1.0000		0.9900
Carbon disulfide	1.8021 1.3599	2.0012	1.6752	1.5098	1.4216	Ave		1.6283			0.1000	15.0		20.0			
Allyl chloride	0.3921 0.2610	0.3908	0.3128	0.2714	0.2422	QuaF		0.2370	0.0000475						1.0000		0.9900
Methyl acetate	13.416 7.8536	9.0599	9.4232	9.1310	8.7877	QuaF		9.3951	-0.000616		0.1000				1.0000		0.9900
Acetonitrile	1.3492 1.2115	1.1372	1.3568	1.4391	1.3729	Ave		1.3111				8.6		20.0			
Cyclopentene	1.4310 1.1987	1.4153	1.4523	1.3110	1.2910	Ave		1.3499				7.3		20.0			
Methylene Chloride	0.5994 0.3777	0.4902	0.4254	0.3857	0.3793	Ave		0.4429			0.1000	19.8		20.0			
2-Methyl-2-propanol	3.2640 1.0435	1.6076	1.2141	1.1300	1.1291	QuaF		1.1819	-0.000028						1.0000		0.9900
Acrylonitrile	0.1284 0.0747	0.1041	0.0889	0.0770	0.0725	QuaF		0.0723	0.0000005						1.0000		0.9900
trans-1,2-Dichloroethene	0.6354 0.4629	0.5171	0.5147	0.4680	0.4542	Ave		0.5087			0.1000	13.3		20.0			
Methyl tert-butyl ether	1.0820 0.8584	1.0110	0.8814	0.8437	0.8606	Ave		0.9228			0.1000	10.7		20.0			
Hexane	0.4399 0.4060	0.3593	0.4058	0.4037	0.4032	Ave		0.4030				6.4		20.0			
1,1-Dichloroethane	0.9949 0.6772	0.8467	0.8200	0.7454	0.6997	Ave		0.7973			0.2000	14.7		20.0			
Allyl alcohol	0.2192 0.1964	0.1510	0.2372	0.2253	0.2206	Ave		0.2083				14.9		20.0			
Vinyl acetate	0.2726 0.2642	0.3118	0.3067	0.3377	0.2630	Ave		0.2927				10.5		20.0			
Isopropyl ether	0.9839 0.9205	0.8160	0.9306	0.9485	0.9887	Ave		0.9314				6.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	0.4446 0.4181	0.4321	0.4677	0.4407	0.4308	Ave		0.4390				3.8		20.0			
Tert-butyl ethyl ether	0.9407 0.8424	0.7314	0.8499	0.8700	0.9345	Ave		0.8615				8.9		20.0			
2,2-Dichloropropane	0.1736 0.1537	0.1689	0.1670	0.1551	0.1515	Ave		0.1616				5.8		20.0			
cis-1,2-Dichloroethene	0.5529 0.4313	0.4910	0.4744	0.4408	0.4282	Ave		0.4698			0.1000	10.2		20.0			
2-Butanone (MEK)	0.7936 0.4318	0.4873	0.4458	0.4547	0.4424	QuaF		0.4504	-0.000007		0.0500				1.0000		0.9900
Propionitrile	1.8703 1.0548	1.3157	1.3809	1.3092	1.2427	Ave		1.3623				20.0		20.0			
Ethyl acetate	2.8722 2.5752	2.1899	2.4060	2.4791	2.6505	Ave		2.5288				9.1		20.0			
Methyl acrylate	0.2872 0.2227	0.2327	0.2047	0.1908	0.1907	Ave		0.2215				16.4		20.0			
Methacrylonitrile	0.1293 0.0894	0.1082	0.1028	0.0916	0.0920	Ave		0.1022				14.9		20.0			
Chlorobromomethane	0.3027 0.1727	0.2223	0.2011	0.1809	0.1759	QuaF		0.1790	-0.000013						1.0000		0.9900
Tetrahydrofuran	0.3920 0.4181	0.5214	0.4187	0.4170	0.4224	Ave		0.4316				10.5		20.0			
Chloroform	0.8379 0.6094	0.7381	0.7041	0.6524	0.6234	Ave		0.6942			0.2000	12.3		20.0			
1,1,1-Trichloroethane	0.7565 0.6065	0.6849	0.7041	0.6517	0.6160	Ave		0.6700			0.1000	8.5		20.0			
Cyclohexane	0.6263 0.6975	0.7272	0.7754	0.7292	0.7036	Ave		0.7098			0.1000	6.9		20.0			
1,1-Dichloropropene	0.5406 0.5357	0.5230	0.5718	0.5478	0.5300	Ave		0.5415				3.2		20.0			
Carbon tetrachloride	0.6341 0.5770	0.6081	0.6306	0.5935	0.5707	Ave		0.6023			0.1000	4.4		20.0			
Isobutyl alcohol	0.3224 0.3582	0.3532	0.3674	0.3720	0.3874	Ave		0.3601				6.1		20.0			
Benzene	1.9906 1.9342	1.6565	1.9426	1.9805	1.9794	Ave		1.9140			0.5000	6.7		20.0			
1,2-Dichloroethane	0.5607 0.3649	0.4386	0.4038	0.3682	0.3613	Ave		0.4162			0.1000	18.5		20.0			
2,2,4-Trimethylpentane	1.4001 1.3943	1.3274	1.4356	1.3751	1.4511	Ave		1.3973				3.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	0.8462 0.7856	0.6976	0.7667	0.7509	0.8150	Ave		0.7770				6.7		20.0			
Tert-amyl methyl ether	0.7849 0.7305	0.6235	0.6993	0.7169	0.7768	Ave		0.7220				8.1		20.0			
n-Heptane	0.8371 0.3533	0.4503	0.4104	0.3709	0.3562	QuaF		0.3613	-0.000016						1.0000		0.9900
2,4,4-Trimethyl-1-pentene	0.9959 1.0031	0.9605	1.0118	0.9890	1.0661	Ave		1.0044				3.5		20.0			
Trichloroethene	0.4646 0.4209	0.3896	0.4353	0.4228	0.4157	Ave		0.4248			0.2000	5.8		20.0			
Ethyl acrylate	0.4335 0.5581	0.4764	0.5345	0.5537	0.5713	Ave		0.5213				10.4		20.0			
n-Butanol	0.1059 0.0689	0.0509	0.0589	0.0572	0.0746	QuaF		0.0751	0						0.9990		0.9900
Methylcyclohexane	0.6362 0.7525	0.6427	0.7346	0.7407	0.7543	Ave		0.7101			0.1000	7.8		20.0			
1,2-Dichloropropane	0.4089 0.3454	0.3177	0.3538	0.3399	0.3419	Ave		0.3513			0.1000	8.7		20.0			
Dibromomethane	0.2457 0.1582	0.1984	0.1820	0.1660	0.1597	Ave		0.1850				18.1		20.0			
1,4-Dioxane	1.6407 0.9804	1.2393	1.3575	1.2131	1.0904	Ave		1.2536				18.3		20.0			
Methyl methacrylate	0.2125 0.1432	0.1678	0.1587	0.1459	0.1480	Ave		0.1627				16.0		20.0			
n-Propyl acetate	0.2848 0.2294	0.2345	0.2419	0.2291	0.2356	Ave		0.2425				8.8		20.0			
Dichlorobromomethane	0.5904 0.4282	0.4569	0.4680	0.4420	0.4368	Ave		0.4704			0.2000	12.9		20.0			
2-Nitropropane	0.0731 0.0448	0.0614	0.0507	0.0476	0.0458	QuaF		0.0467	-0.000002						1.0000		0.9900
2-Chloroethyl vinyl ether	0.1531 0.1353	0.1247	0.1453	0.1392	0.1413	Ave		0.1398				6.9		20.0			
Epichlorohydrin	0.3706 0.2861	0.2879	0.2898	0.2926	0.2900	Ave		0.3028				11.0		20.0			
cis-1,3-Dichloropropene	0.6260 0.6722	0.5200	0.6376	0.6602	0.6782	Ave		0.6324			0.2000	9.3		20.0			
4-Methyl-2-pentanone (MIBK)	2.8832 2.3526	2.0994	2.1200	2.2205	2.4183	Ave		2.3490			0.0500	12.4		20.0			
Toluene	2.1456 1.8509	1.8362	1.9118	1.9022	1.9060	Ave		1.9255			0.4000	5.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.4875 0.5190	0.4032	0.4901	0.5066	0.5203	Ave		0.4878			0.1000	9.0		20.0			
Ethyl methacrylate	0.4597 0.3158	0.3839	0.3378	0.3192	0.3139	Ave		0.3551				16.2		20.0			
1,1,2-Trichloroethane	0.2651 0.2503	0.2005	0.2413	0.2466	0.2494	Ave		0.2422			0.1000	9.1		20.0			
Tetrachloroethene	0.5225 0.6100	0.5447	0.5930	0.5922	0.6029	Ave		0.5775			0.2000	6.1		20.0			
1,3-Dichloropropane	0.5158 0.5179	0.4303	0.5037	0.5174	0.5223	Ave		0.5012				7.0		20.0			
2-Hexanone	2.4416 1.5315	1.7117	1.6175	1.6276	1.5743	Ave		1.7507			0.0500	19.6		20.0			
Chlorodibromomethane	0.3881 0.4013	0.3195	0.3679	0.3884	0.4002	Ave		0.3776			0.1000	8.2		20.0			
n-Butyl acetate	0.4429 0.2530	0.2834	0.2633	0.2550	0.2583	QuaF		0.2612	-0.000016						1.0000		0.9900
Ethylene Dibromide	0.3195 0.2967	0.2515	0.2960	0.2976	0.2969	Ave		0.2930			0.1000	7.6		20.0			
Chlorobenzene	1.3501 1.1757	1.1402	1.1717	1.1552	1.1684	Ave		1.1936			0.5000	6.5		20.0			
1,1,1,2-Tetrachloroethane	0.3934 0.4550	0.3194	0.3816	0.4205	0.4515	Ave		0.4036				12.6		20.0			
Ethylbenzene	0.7958 0.6956	0.6490	0.7043	0.6905	0.6865	Ave		0.7036			0.1000	7.0		20.0			
m-Xylene & p-Xylene	0.8784 0.8399	0.7737	0.8115	0.8183	0.8454	Ave		0.8279			0.1000	4.3		20.0			
o-Xylene	0.9016 0.8081	0.7190	0.7469	0.7650	0.8000	Ave		0.7901			0.3000	8.1		20.0			
Styrene	1.4517 1.3270	1.2633	1.2934	1.3122	1.3415	Ave		1.3315			0.3000	4.9		20.0			
n-Butyl acrylate	0.2476 0.2297	0.1961	0.1887	0.1907	0.2074	Ave		0.2100				11.3		20.0			
Bromoform	0.2759 0.2668	0.2110	0.2405	0.2450	0.2588	Ave		0.2497			0.1000	9.2		20.0			
Amyl acetate (mixed isomers)	0.8829 0.6385	0.6109	0.6130	0.6059	0.6181	Ave		0.6616				16.5		20.0			
Isopropylbenzene	2.1341 2.1206	2.0048	2.2184	2.2105	2.1876	Ave		2.1460			0.1000	3.7		20.0			
Camphene	0.1379 0.1681	0.1361	0.1652	0.1621	0.1695	Ave		0.1565				9.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	1.1165 0.9150	0.9269	0.9808	0.9597	0.9028	Ave		0.9669				8.1		20.0			
1,1,2,2-Tetrachloroethane	0.6144 0.5577	0.5129	0.5673	0.5490	0.5354	Ave		0.5561			0.3000	6.2		20.0			
1,2,3-Trichloropropane	0.2083 0.1637	0.1655	0.1740	0.1677	0.1591	Ave		0.1731				10.4		20.0			
trans-1,4-Dichloro-2-butene	0.1294 0.1402	0.1790	0.1547	0.1408	0.1337	Ave		0.1463				12.4		20.0			
N-Propylbenzene	4.6628 4.2406	4.2220	4.5606	4.5679	4.3871	Ave		4.4402				4.2		20.0			
2-Chlorotoluene	2.7695 2.4009	2.4055	2.5078	2.4780	2.4266	Ave		2.4980				5.6		20.0			
4-Ethyltoluene	4.0377 3.7399	3.5180	3.7661	3.7656	3.8933	Ave		3.7868				4.6		20.0			
4-Chlorotoluene	2.9945 2.5502	2.4673	2.5484	2.5240	2.5278	Ave		2.6020				7.5		20.0			
1,3,5-Trimethylbenzene	3.1865 3.1447	2.5999	2.8470	2.9014	3.0670	Ave		2.9578				7.4		20.0			
Butyl Methacrylate	0.7601 0.7808	0.6538	0.6201	0.6371	0.7389	Ave		0.6985				9.9		20.0			
tert-Butylbenzene	3.0275 2.8786	2.7296	2.9731	2.9844	2.9053	Ave		2.9164				3.6		20.0			
1,2,4-Trimethylbenzene	3.5269 3.0948	2.7894	2.8851	2.8975	3.0625	Ave		3.0427				8.7		20.0			
sec-Butylbenzene	4.2253 4.1295	4.0659	4.4158	4.4260	4.3058	Ave		4.2614				3.5		20.0			
1,3-Dichlorobenzene	2.2162 1.7901	1.8393	1.8196	1.7875	1.7950	Ave		1.8746			0.6000	9.0		20.0			
1,4-Dichlorobenzene	2.2077 1.8212	1.8590	1.7872	1.7475	1.7874	Ave		1.8683			0.5000	9.1		20.0			
4-Isopropyltoluene	3.9860 3.7421	3.4261	3.6325	3.6704	3.7840	Ave		3.7068				5.0		20.0			
Benzyl chloride	1.6268 1.1407	1.3196	1.3394	1.2610	1.2049	Ave		1.3154				12.9		20.0			
Indan	3.4691 2.7688	2.7637	2.8955	2.8885	3.0014	Ave		2.9645				8.9		20.0			
1,2-Dichlorobenzene	2.0106 1.5824	1.6097	1.5967	1.5692	1.5752	Ave		1.6573			0.4000	10.5		20.0			
p-Diethylbenzene	2.3643 2.2331	2.0506	2.1535	2.1453	2.2980	Ave		2.2075				5.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	4.1423 3.8406	3.8236	3.9212	3.9286	4.0306	Ave		3.9478				3.1		20.0			
1,2-Dibromo-3-Chloropropane	0.1840 0.1362	0.1689	0.1543	0.1435	0.1331	Ave		0.1533			0.0500	13.0		20.0			
1,2,4,5-Tetramethylbenzene	3.3769 2.9623	3.0298	3.0758	3.0704	3.1790	Ave		3.1157				4.7		20.0			
1,3,5-Trichlorobenzene	1.8865 1.5393	1.6805	1.6094	1.5499	1.5882	Ave		1.6423				7.9		20.0			
Camphor	0.0978 0.0508	0.0851	0.0640	0.0577	0.0514	QuaF		0.0529	-0.000001						1.0000		0.9900
1,2,4-Trichlorobenzene	1.8237 1.2912	1.6067	1.3720	1.3233	1.2784	Ave		1.4492			0.2000	15.1		20.0			
Hexachlorobutadiene	0.9963 1.0479	1.0228	1.0592	1.0408	1.0111	Ave		1.0297				2.3		20.0			
Naphthalene	3.2356 1.8615	2.9368	2.3435	2.1738	1.9223	QuaF		2.0034	-0.000287						1.0000		0.9900
1,2,3-Trichlorobenzene	1.4916 1.0989	1.4725	1.2380	1.1595	1.0904	Ave		1.2585				14.4		20.0			
Dibromofluoromethane (Surr)	0.3420 0.2453	0.3448	0.3153	0.3015	0.2920	Ave		0.3068				12.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2967 0.2033	0.3059	0.2780	0.2622	0.2460	Ave		0.2654				14.1		20.0			
Toluene-d8 (Surr)	1.3395 1.1855	1.3224	1.3232	1.3796	1.4023	Ave		1.3254				5.7		20.0			
4-Bromofluorobenzene	0.4512 0.4048	0.4709	0.4611	0.4779	0.4785	Ave		0.4574				6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-300261/3	O98725.D
Level 2	STD5 460-300261/13	O98735.D
Level 3	STD20 460-300261/5	O98727.D
Level 4	STD50 460-300261/6	O98728.D
Level 5	STD200 460-300261/7	O98729.D
Level 6	STD500 460-300261/8	O98730.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	776 524310	3100	17061	42658	218648	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5303 3303502	27101	119207	301640	1365589	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4721 2520257	21435	95777	235704	1014433	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5097 2956008	24834	108957	269878	1191386	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4479 2799932	21772	98639	247632	1127553	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	5696 1924489	21966	70615	167172	769894	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3886 1855905	15843	69269	167400	757351	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6420 4209912	34928	157280	386663	1733484	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6760 4010936	33965	151476	374592	1647536	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1939 1194963	7287	36699	93533	475433	2.00 1000	10.0	40.0	100	400
Ethanol	TBA	QuaF	945 244822	3043	10675	23384	97877	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	3426 1547947	12801	47708	123435	601424	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	4095 2172130	17467	80253	203227	927793	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	4012 2441533	16780	77463	203357	1009362	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	10193 73086	21607	35018	48452	59671	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4126 2577679	18627	83975	217174	990184	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3974 2809890	22931	89874	236997	1077037	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	QuaF	11267 1691645	26268	78901	190318	668547	5.00 2500	25.0	100	250	1000
Iodomethane	FB	QuaF	879 3052865	8625	89143	271643	1289385	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	QuaF	3456 792389	8171	28712	67321	307224	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	15231 7782868	73488	282373	717624	3192586	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	QuaF	3314 1493960	14350	52733	128986	543869	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBA	QuaF	13891 5255974	45143	188402	462183	2042905	5.00 2500	25.0	100	250	1000
Acetonitrile	TBA	Ave	2794 1621522	11333	54255	145689	638318	10.0 5000	50.0	200	500	2000
Cyclopentene	FB	Ave	12095 6860187	51972	244808	623117	2899352	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	5066 2161757	18000	71702	183328	851876	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	QuaF	6759 1396768	16020	48547	114392	524961	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	QuaF	10852 4276324	38222	149877	366065	1628511	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	5370 2649351	18991	86767	222422	1019910	1.00 500	5.00	20.0	50.0	200
Methyl tert-butyl ether	FB	Ave	9145 4912772	37125	148580	401007	1932698	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	3718 2323798	13195	68408	191866	905539	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	8409 3875978	31092	138227	354274	1571383	1.00 500	5.00	20.0	50.0	200
Allyl alcohol	TBA	Ave	1135 657129	3763	23708	57024	256463	25.0 12500	125	500	1250	5000
Vinyl acetate	BUT	Ave	329 182992	1761	7426	20431	69124	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	8316 5268445	29964	156868	450813	2220459	1.00 500	5.00	20.0	50.0	200
2-Chloro-1,3-butadiene	FB	Ave	3758 2393015	15869	78841	209468	967576	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7951 4820977	26858	143258	413528	2098693	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	1467 879579	6201	28146	73697	340294	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4673 2468658	18031	79972	209492	961572	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	QuaF	2394 747660	6881	26988	68780	290683	5.00 2500	25.0	100	250	1000
Propionitrile	TBA	Ave	3873 1411900	13112	55220	132532	577802	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	3466 1783625	12369	58262	150004	696674	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	2427 1274574	8545	34511	90707	428284	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	10930 5116048	39718	173343	435148	2065744	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	QuaF	2558 988679	8163	33904	85960	394924	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	473 289596	2945	10139	25229	111038	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	7082 3487923	27106	118693	310074	1399901	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6394 3471009	25153	118690	309736	1383382	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5293 3992189	26703	130700	346598	1580002	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4569 3066078	19206	96386	260385	1190224	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5359 3302540	22331	106295	282091	1281591	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	1669 1198458	8800	36727	94141	450246	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	15129 8127192	54104	265759	715235	3309580	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4739 2088279	16107	68063	174992	811398	1.00 500	5.00	20.0	50.0	200
2,2,4-Trimethylpentane	FB	Ave	11833 7980136	48744	241988	653616	3258717	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7152 4496007	25616	129238	356915	1830268	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	6634 4180539	22896	117877	340728	1744417	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	QuaF	7075 2022203	16535	69171	176276	799865	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2,4,4-Trimethyl-1-pentene	FB	Ave	16835 11481834	70543	341117	940176	4788294	2.00 1000	10.0	40.0	100	400
Trichloroethene	FB	Ave	3927 2408976	14306	73368	200941	933606	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3664 3193913	17496	90101	263193	1283019	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	QuaF	548 230460	1269	5887	14465	86690	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	5377 4306792	23600	123830	352039	1693895	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3456 1977054	11668	59641	161542	767882	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2077 905521	7287	30687	78894	358554	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	698 285609	2594	11508	26481	112287	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	3592 1639699	12323	53512	138731	664652	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	2407 1312920	8610	40778	108879	529105	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4990 2450552	16777	78885	210074	980891	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	QuaF	1236 512617	4508	17106	45233	205595	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1294 774294	4579	24494	66149	317430	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	BUT	Ave	4472 1981765	16262	70178	177068	762337	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4758 2824628	16982	87224	238417	1133908	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	8698 4073605	29645	128343	335892	1589094	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	16307 7777021	59972	261546	686950	3186962	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3705 2180820	13169	67044	182954	869951	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	3494 1327081	12538	46215	115271	524787	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2015 1051707	6548	33011	89066	417014	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3971 2563054	17789	81119	213860	1008060	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,3-Dichloropropane	CBZ	Ave	3920 2176207	14054	68904	186852	873253	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	7366 2651963	24171	97924	246200	1034499	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBZ	Ave	2950 1686286	10436	50327	140284	669165	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBZ	QuaF	3366 1063133	9257	36018	92107	431966	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBZ	Ave	2428 1246596	8213	40498	107463	496499	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10261 4940177	37240	160293	417194	1953672	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2990 1911797	10431	52201	151862	754910	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6048 2922650	21198	96349	249382	1147814	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	6676 3529268	25269	111016	295519	1413564	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	6852 3395612	23482	102181	276263	1337620	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	11033 5575969	41260	176939	473898	2243126	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	1882 965361	6405	25815	68864	346748	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2097 1121047	6893	32902	88464	432717	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	3637 1563127	10957	44883	118235	597505	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	16220 8910198	65478	303486	798317	3657771	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	1048 706153	4446	22604	58553	283465	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	4599 2240089	16625	71807	187255	872738	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2531 1365395	9199	41534	107125	517498	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	858 400694	2969	12741	32723	153841	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	533 343165	3211	11327	27476	129280	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	19207 10381736	75728	333907	891323	4240802	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCB	Ave	11408 5877742	43146	183609	483520	2345660	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	16632 9155863	63100	275738	734766	3763510	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	12335 6243363	44254	186584	492501	2443500	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13126 7698754	46632	208449	566142	2964749	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	3131 1911610	11726	45403	124318	714218	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	12471 7047266	48959	217676	582336	2808399	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	14528 7576632	50031	211232	565375	2960368	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	17405 10109640	72927	323309	863646	4162205	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9129 4382448	32990	133226	348785	1735124	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9094 4458639	33344	130849	340979	1727838	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	16419 9161162	61452	265955	716198	3657784	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	6701 2792500	23668	98062	246056	1164703	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	14290 6778379	49570	212000	563619	2901354	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	8282 3874058	28873	116906	306201	1522695	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	9739 5466947	36781	157672	418609	2221405	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	17063 9402389	68582	287092	766579	3896184	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	758 333489	3030	11297	28000	128637	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	13910 7252224	54343	225198	599130	3073027	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	7771 3768469	30143	117834	302425	1535232	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	2015 622196	7631	23444	56337	248363	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	7512 3161157	28819	100455	258212	1235766	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300261

SDG No.:

Instrument ID: CVOAMS12 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 05/22/2015 06:22 Calibration End Date: 05/22/2015 11:50 Calibration ID: 50076

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	4104 2565363	18346	77550	203081	977389	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	13328 4557185	52675	171584	424175	1858160	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6144 2690393	26411	90640	226249	1054030	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	144521 140390	126620	132860	143322	163941	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	125384 116357	112347	117151	124645	138131	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	509022 498143	431917	452554	498234	586176	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	171456 170104	153800	157688	172590	199998	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-May-2015 06:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0027689-003
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:53:57 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:52:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	79	776	1.00	0.99	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	97	5303	1.00	0.9671	
3 Chloromethane	50	1.113	1.113	0.000	97	4721	1.00	1.08	
4 Vinyl chloride	62	1.156	1.156	0.000	96	5097	1.00	1.02	
5 Butadiene	54	1.168	1.168	0.000	89	4479	1.00	0.9874	
6 Bromomethane	94	1.338	1.338	0.000	92	5696	1.00	1.93	
7 Chloroethane	64	1.399	1.399	0.000	95	3886	1.00	1.19	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	96	6420	1.00	0.9180	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	98	6760	1.00	0.99	
10 Pentane	72	1.606	1.606	0.000	96	1939	2.00	2.18	
11 Ethanol	46	1.691	1.691	0.000	64	945	40.0	79.1	M
12 Ethyl ether	59	1.734	1.734	0.000	95	3426	1.00	1.33	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	88	4095	1.00	1.09	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	88	4012	1.00	1.06	
15 Acrolein	56	1.807	1.807	0.000	96	10193	100.0	92.7	
16 1,1-Dichloroethene	96	1.874	1.874	0.000	97	4126	1.00	1.03	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	83	3974	1.00	0.9109	
18 Acetone	43	1.904	1.904	0.000	89	11267	5.00	17.3	
19 Iodomethane	142	1.977	1.977	0.000	87	879	1.00	0.1745	
21 Isopropyl alcohol	45	2.007	2.007	0.000	30	3456	10.0	23.8	
20 Carbon disulfide	76	2.007	2.007	0.000	100	15231	1.00	1.11	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	3314	1.00	1.65	
23 Methyl acetate	43	2.123	2.123	0.000	98	13891	5.00	7.14	
24 Acetonitrile	39	2.160	2.160	0.000	27	2794	10.0	10.3	M
25 Cyclopentene	67	2.166	2.166	0.000	93	12095	1.00	1.06	
26 Methylene Chloride	84	2.184	2.184	0.000	89	5066	1.00	1.35	
* 27 TBA-d9 (IS)	65	2.226	2.226	0.000	98	207079	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	6759	10.0	27.6	
29 Acrylonitrile	53	2.354	2.354	0.000	97	10852	10.0	17.8	
30 trans-1,2-Dichloroethene	96	2.379	2.379	0.000	92	5370	1.00	1.25	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.385	2.385	0.000	94	9145	1.00	1.17	
32 Hexane	43	2.585	2.585	0.000	92	3718	1.00	1.09	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	99	8409	1.00	1.25	
34 Allyl alcohol	57	2.731	2.731	0.000	4	1135	25.0	26.3	M
35 Vinyl acetate	86	2.731	2.731	0.000	87	329	2.00	1.86	
36 Isopropyl ether	45	2.750	2.750	0.000	92	8316	1.00	1.06	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	84	3758	1.00	1.01	
38 Tert-butyl ethyl ether	59	3.042	3.042	0.000	89	7951	1.00	1.09	
* 157 2-Butanone-d5	46	3.109	3.109	0.000	100	150841	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	71	1467	1.00	1.07	M
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	95	4673	1.00	1.18	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	97	2394	5.00	8.81	
42 Propionitrile	54	3.206	3.206	0.000	91	3873	10.0	13.7	
43 Ethyl acetate	43	3.224	3.224	0.000	98	3466	2.00	2.27	
44 Methyl acrylate	55	3.248	3.248	0.000	98	2427	1.00	1.30	
45 Methacrylonitrile	67	3.334	3.334	0.000	88	10930	10.0	12.7	
46 Chlorobromomethane	128	3.340	3.340	0.000	56	2558	1.00	1.69	
47 Tetrahydrofuran	71	3.382	3.382	0.000	39	473	2.00	1.82	
48 Chloroform	83	3.413	3.413	0.000	99	7082	1.00	1.21	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.553	0.000	99	144521	50.0	55.7	
50 1,1,1-Trichloroethane	97	3.571	3.571	0.000	98	6394	1.00	1.13	
51 Cyclohexane	56	3.626	3.626	0.000	88	5293	1.00	0.8822	
53 Carbon tetrachloride	117	3.723	3.723	0.000	94	5359	1.00	1.05	
52 1,1-Dichloropropene	75	3.723	3.723	0.000	95	4569	1.00	1.00	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	125384	50.0	55.9	
55 Isobutyl alcohol	43	3.881	3.881	0.000	10	1669	25.0	22.4	M
56 Benzene	78	3.918	3.918	0.000	95	15129	1.00	1.04	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	95	4739	1.00	1.35	
58 Isooctane	57	4.021	4.021	0.000	95	11833	1.00	1.00	
72 Isopropyl acetate	43	4.021	4.021	0.000	70	7152	1.00	1.09	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	6634	1.00	1.09	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	422592	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	7075	1.00	2.32	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	16835	2.00	1.98	
64 Trichloroethene	95	4.569	4.569	0.000	94	3927	1.00	1.09	
63 n-Butanol	43	4.763	4.763	0.000	48	548	25.0	35.2	M
65 Ethyl acrylate	55	4.769	4.769	0.000	72	3664	1.00	0.8317	
66 Methylcyclohexane	83	4.769	4.769	0.000	92	5377	1.00	0.8959	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	89	3456	1.00	1.16	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	98	21271	1000.0	1000.0	
69 Dibromomethane	93	4.915	4.915	0.000	50	2077	1.00	1.33	
71 1,4-Dioxane	88	4.964	4.964	0.000	35	698	20.0	26.2	
70 Methyl methacrylate	41	4.970	4.970	0.000	80	3592	2.00	2.61	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	2407	1.00	1.17	
74 Dichlorobromomethane	83	5.110	5.110	0.000	98	4990	1.00	1.26	
75 2-Nitropropane	41	5.384	5.384	0.000	93	1236	2.00	3.13	
76 2-Chloroethyl vinyl ether	63	5.505	5.505	0.000	86	1294	1.00	1.10	
77 Epichlorohydrin	57	5.548	5.548	0.000	98	4472	20.0	24.5	
78 cis-1,3-Dichloropropene	75	5.651	5.651	0.000	91	4758	1.00	0.9900	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	8698	5.00	6.14	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	509022	50.0	50.5	
81 Toluene	91	6.053	6.053	0.000	92	16307	1.00	1.11	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.357	6.357	0.000	97	3705	1.00	1.00	
83 Ethyl methacrylate	69	6.540	6.540	0.000	88	3494	1.00	1.29	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	90	2015	1.00	1.09	
85 Tetrachloroethene	166	6.765	6.765	0.000	94	3971	1.00	0.9047	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	94	3920	1.00	1.03	
87 2-Hexanone	43	6.984	6.984	0.000	95	7366	5.00	6.97	
88 Chlorodibromomethane	129	7.099	7.099	0.000	94	2950	1.00	1.03	
89 n-Butyl acetate	43	7.203	7.203	0.000	99	3366	1.00	1.70	
90 Ethylene Dibromide	107	7.233	7.233	0.000	95	2428	1.00	1.09	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.000	84	380012	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	97	10261	1.00	1.13	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	2990	1.00	0.9748	
94 Ethylbenzene	106	8.158	8.158	0.000	98	6048	1.00	1.13	
95 m-Xylene & p-Xylene	106	8.347	8.347	0.000	95	6676	1.00	1.06	
96 o-Xylene	106	8.943	8.943	0.000	93	6852	1.00	1.14	
97 Styrene	104	8.973	8.973	0.000	98	11033	1.00	1.09	
98 n-Butyl acrylate	73	9.022	9.022	0.000	99	1882	1.00	1.18	
99 Bromoform	173	9.192	9.192	0.000	95	2097	1.00	1.11	
100 Amyl acetate (mixed isomer	43	9.417	9.417	0.000	90	3637	1.00	1.33	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	16220	1.00	0.99	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	171456	50.0	49.3	
103 Camphene	41	9.916	9.916	0.000	91	1048	1.00	0.8811	
104 Bromobenzene	156	9.946	9.946	0.000	89	4599	1.00	1.15	
105 1,1,2,2-Tetrachloroethane	83	10.050	10.050	0.000	97	2531	1.00	1.10	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	94	858	1.00	1.20	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	65	533	1.00	0.8844	
108 N-Propylbenzene	91	10.220	10.220	0.000	100	19207	1.00	1.05	
109 2-Chlorotoluene	91	10.299	10.299	0.000	96	11408	1.00	1.11	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	16632	1.00	1.07	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	12335	1.00	1.15	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	92	13126	1.00	1.08	
113 Butyl Methacrylate	87	10.810	10.810	0.000	85	3131	1.00	1.09	
114 tert-Butylbenzene	119	11.066	11.066	0.000	96	12471	1.00	1.04	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	96	14528	1.00	1.16	
116 sec-Butylbenzene	105	11.400	11.400	0.000	99	17405	1.00	0.99	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	99	9129	1.00	1.18	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	205960	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	94	9094	1.00	1.18	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	96	16419	1.00	1.08	
121 Benzyl chloride	91	11.826	11.826	0.000	99	6701	1.00	1.24	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	14290	1.00	1.17	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	8282	1.00	1.21	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	9739	1.00	1.07	
125 n-Butylbenzene	91	12.149	12.149	0.000	96	17063	1.00	1.05	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.934	0.000	76	758	1.00	1.20	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	13910	1.00	1.08	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	96	7771	1.00	1.15	
129 Camphor	95	13.603	13.603	0.000	86	2015	5.00	9.24	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	92	7512	1.00	1.26	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	95	4104	1.00	0.9676	
132 Naphthalene	128	13.889	13.889	0.000	99	13328	1.00	1.62	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	94	6144	1.00	1.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.43	
S 135 Xylenes, Total	100				0		2.00	2.20	
S 136 Total BTEX	1				0		5.00	5.49	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	1.00	Units: uL	
GASES Li_00103	Amount Added:	1.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

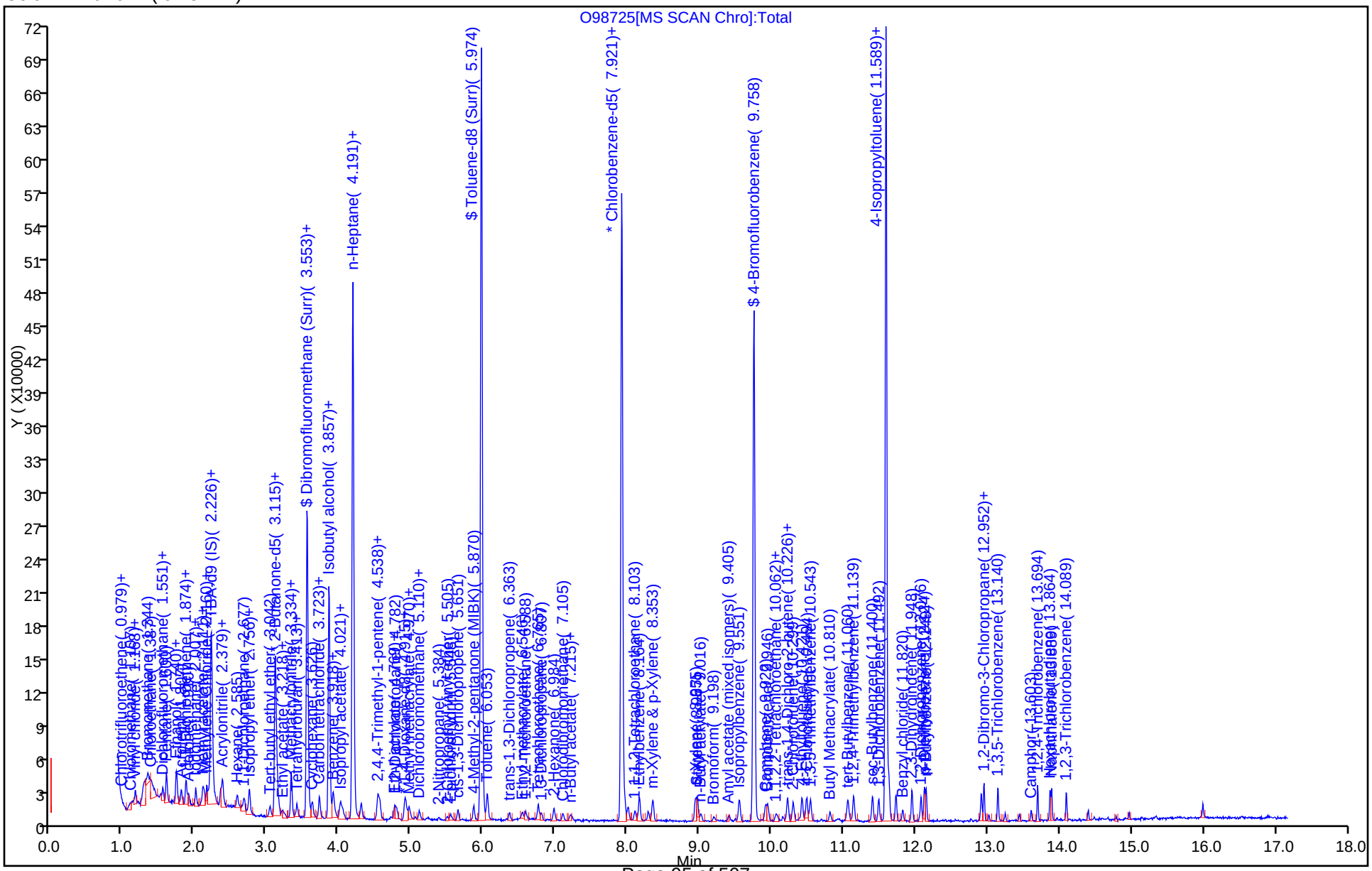
Report Date: 26-May-2015 20:53:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D

Injection Date:	22-May-2015 06:22:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



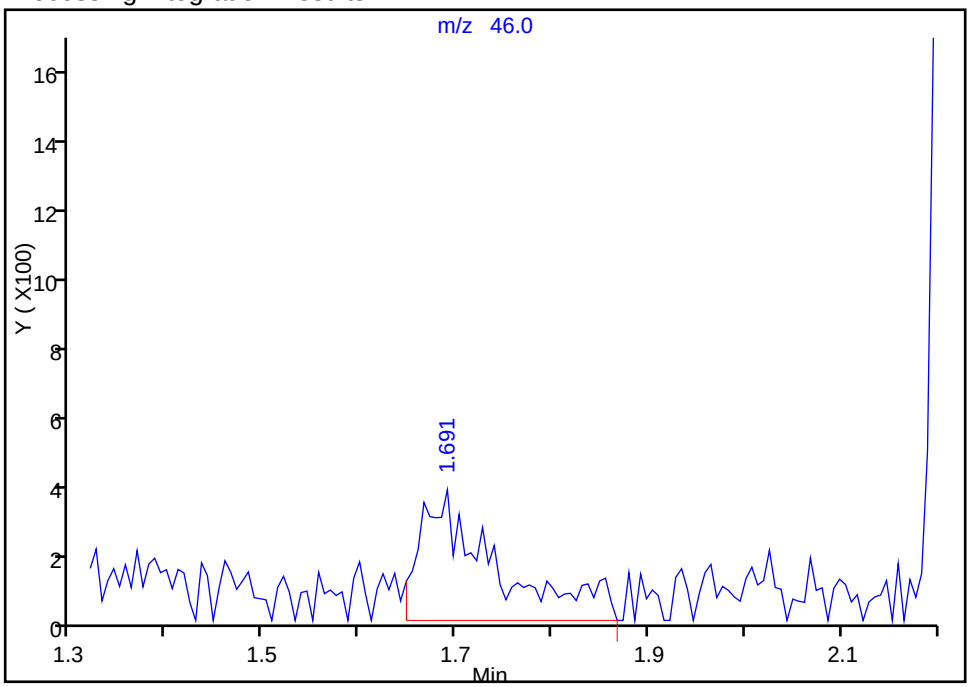
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethanol, CAS: 64-17-5

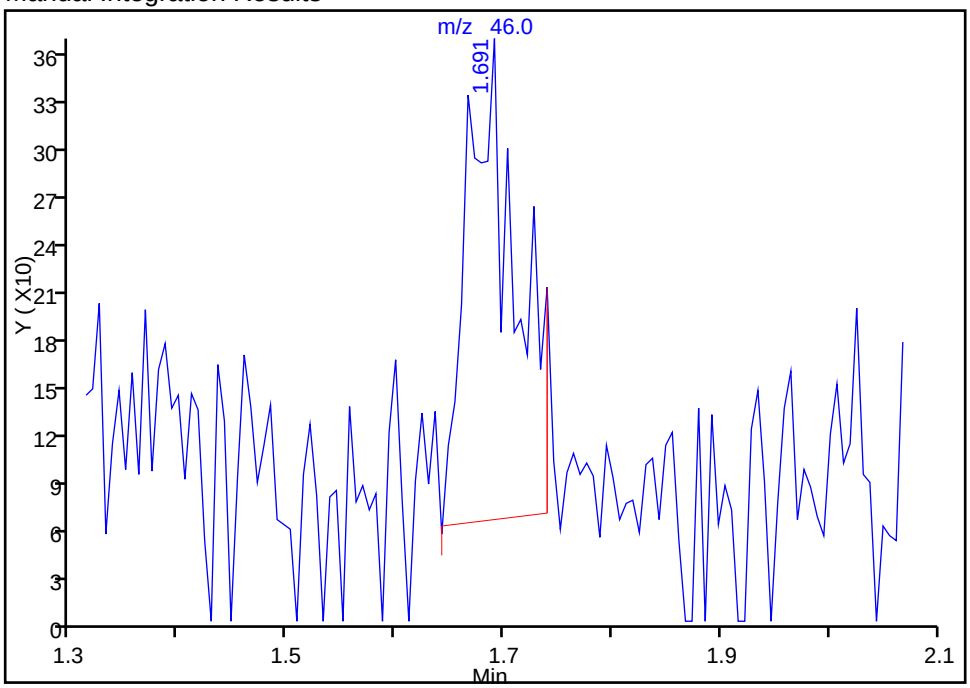
Processing Integration Results

RT: 1.69
Area: 1931
Amount: 161.9082
Amount Units: ug/l



Manual Integration Results

RT: 1.69
Area: 945
Amount: 79.126084
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:18:31
Audit Action: Manually Integrated
Audit Reason: Baseline

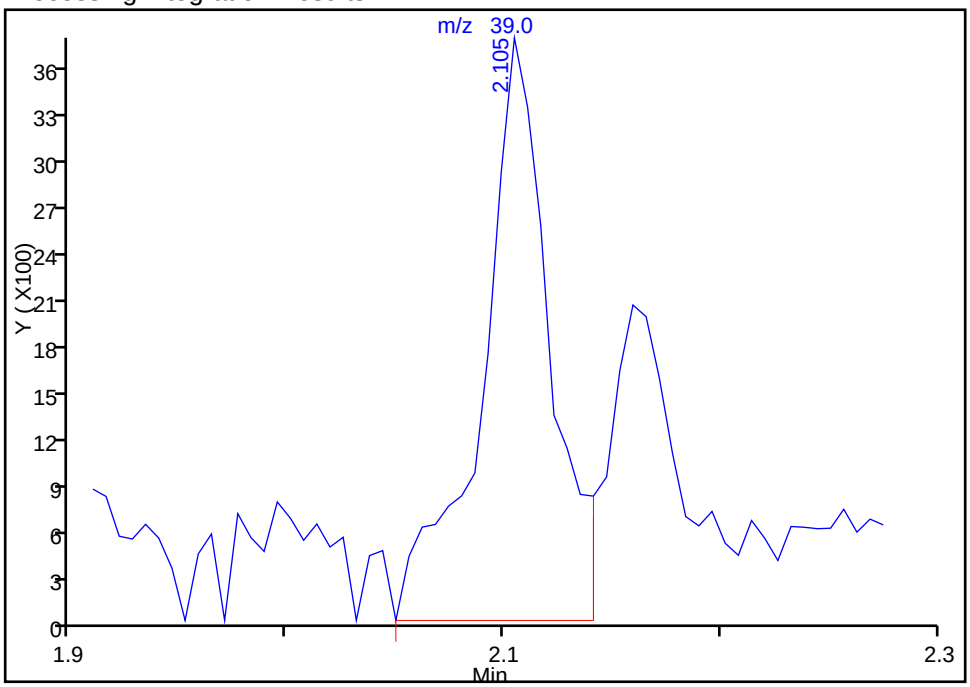
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Acetonitrile, CAS: 75-05-8

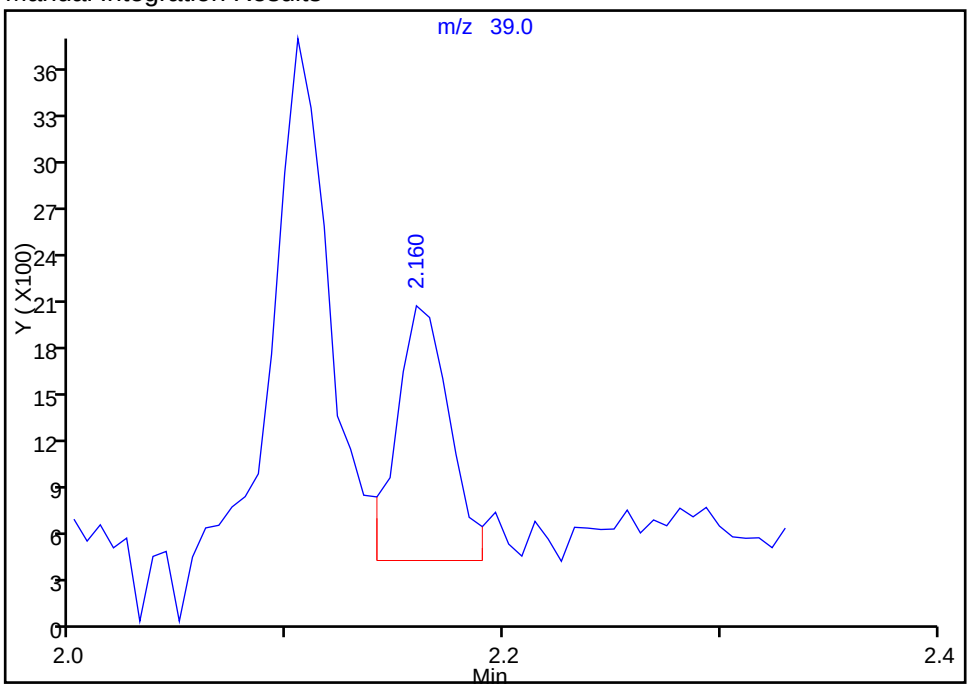
Processing Integration Results

RT: 2.10
Area: 8099
Amount: 17.929675
Amount Units: ug/l



Manual Integration Results

RT: 2.16
Area: 2794
Amount: 10.290700
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:15:48
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

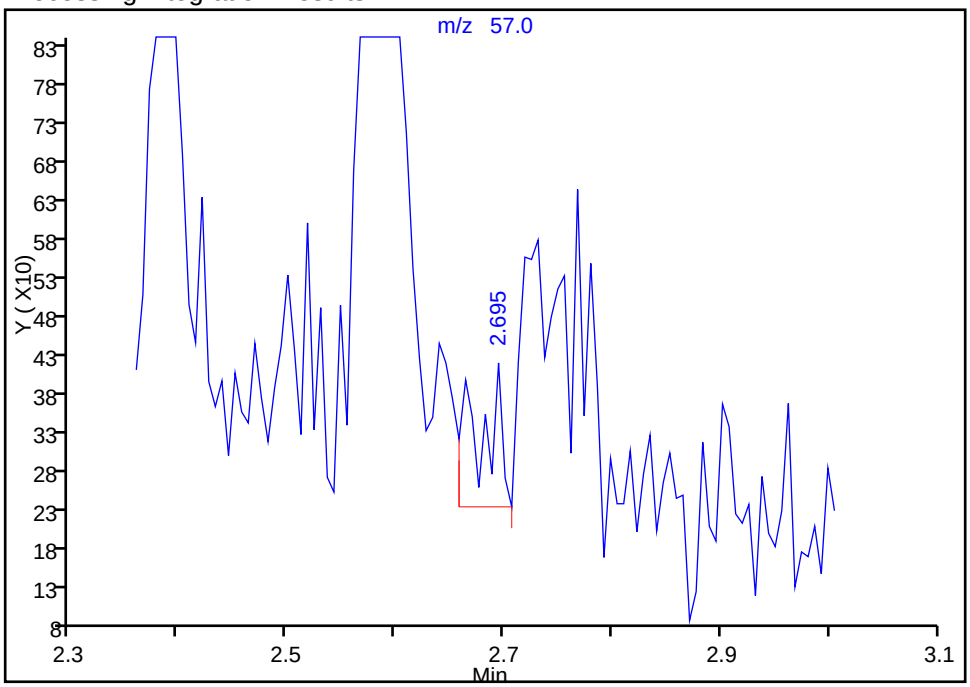
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

34 Allyl alcohol, CAS: 107-18-6

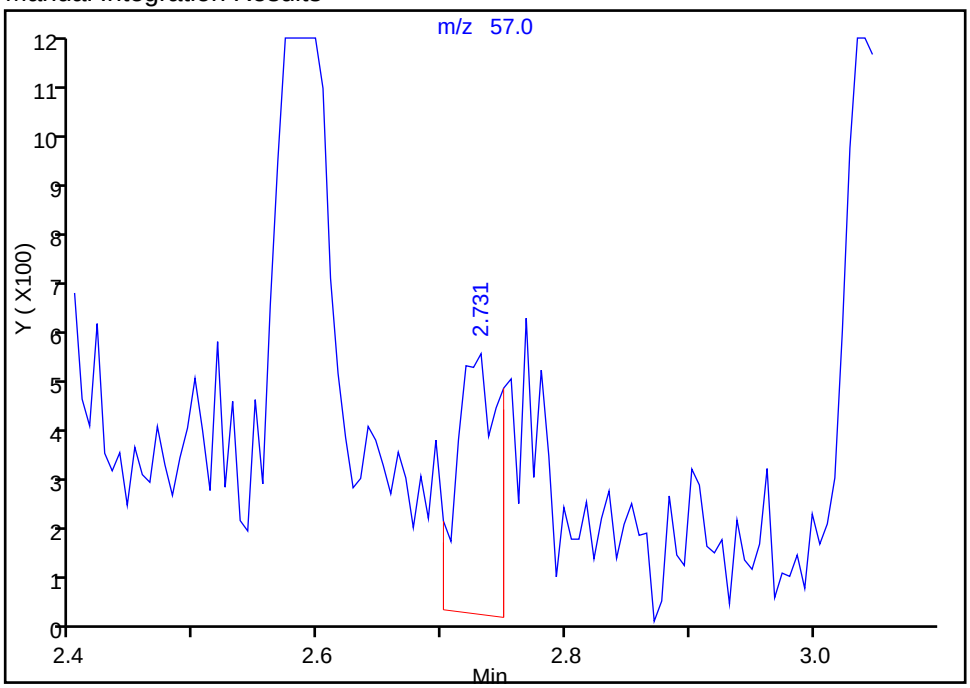
Processing Integration Results

RT: 2.69
Area: 283
Amount: 5.795404
Amount Units: ug/l



Manual Integration Results

RT: 2.73
Area: 1135
Amount: 26.313546
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:22:27
Audit Action: Manually Integrated
Audit Reason: Baseline

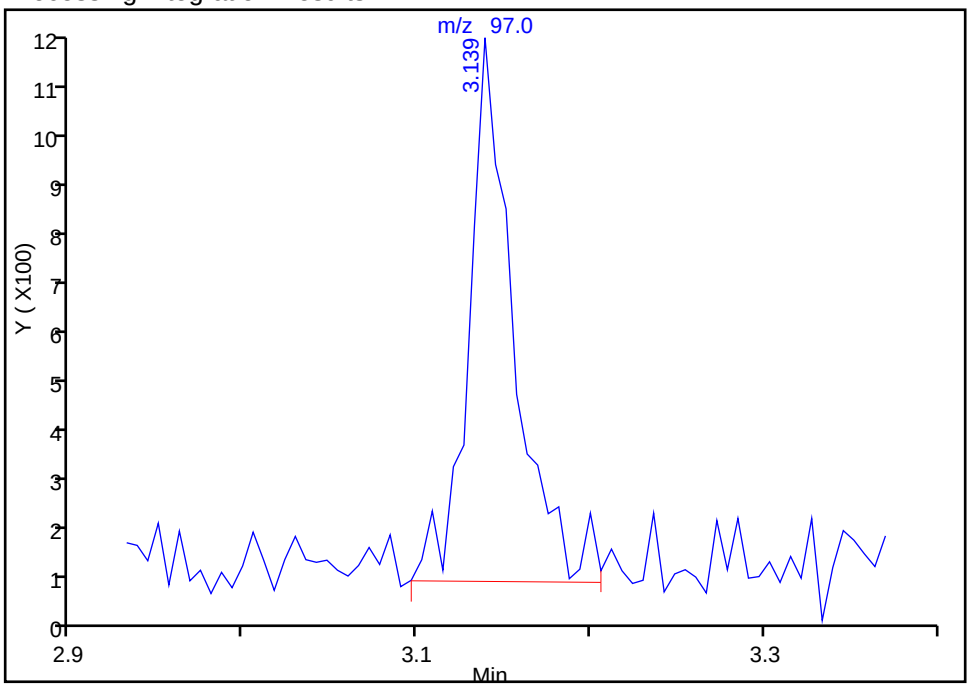
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

40 2,2-Dichloropropane, CAS: 594-20-7

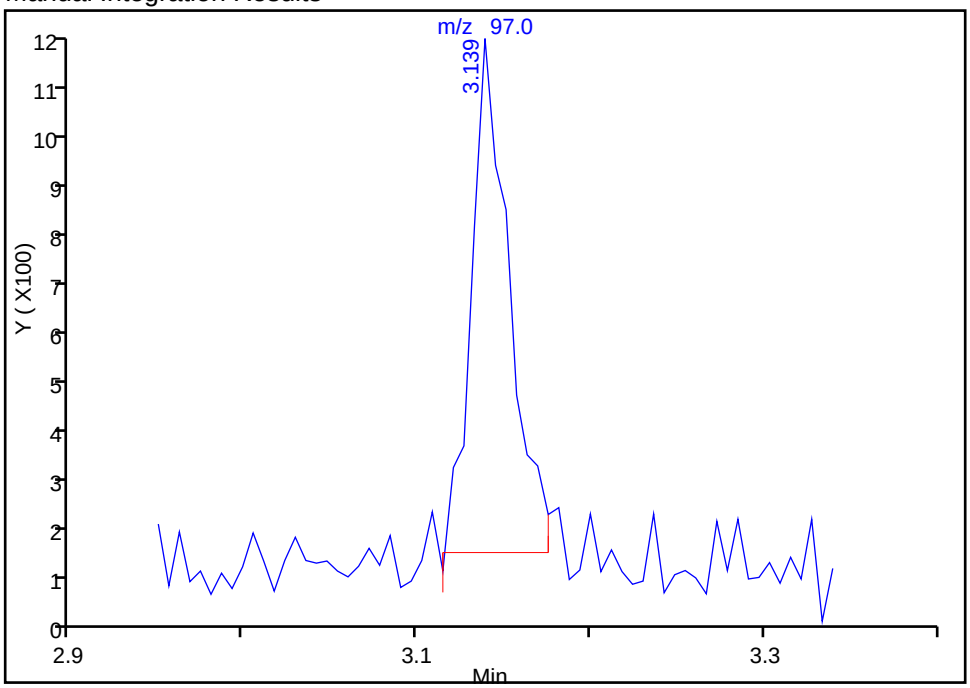
Processing Integration Results

RT: 3.14
Area: 1876
Amount: 1.306893
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 1467
Amount: 1.074002
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:23:53
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

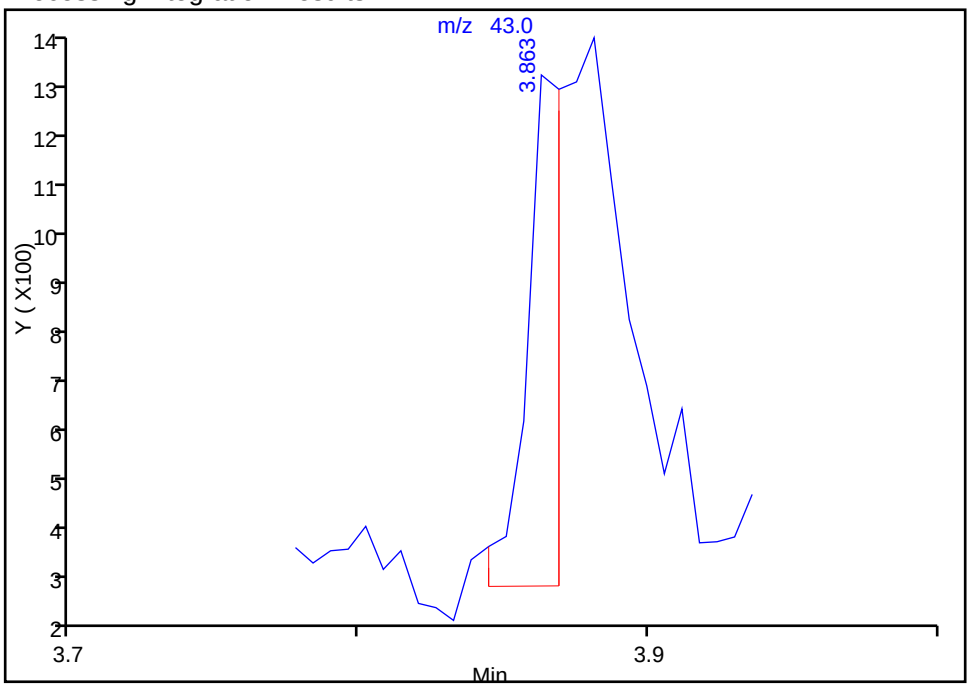
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 Isobutyl alcohol, CAS: 78-83-1

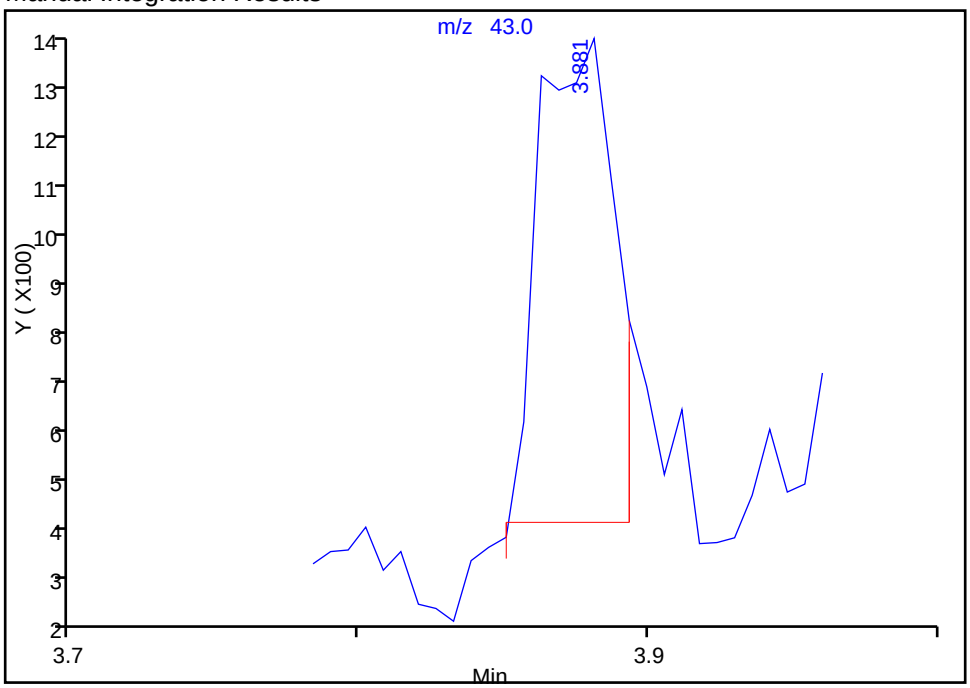
Processing Integration Results

RT: 3.86
Area: 867
Amount: 10.420059
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 1669
Amount: 22.383139
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:26:05
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

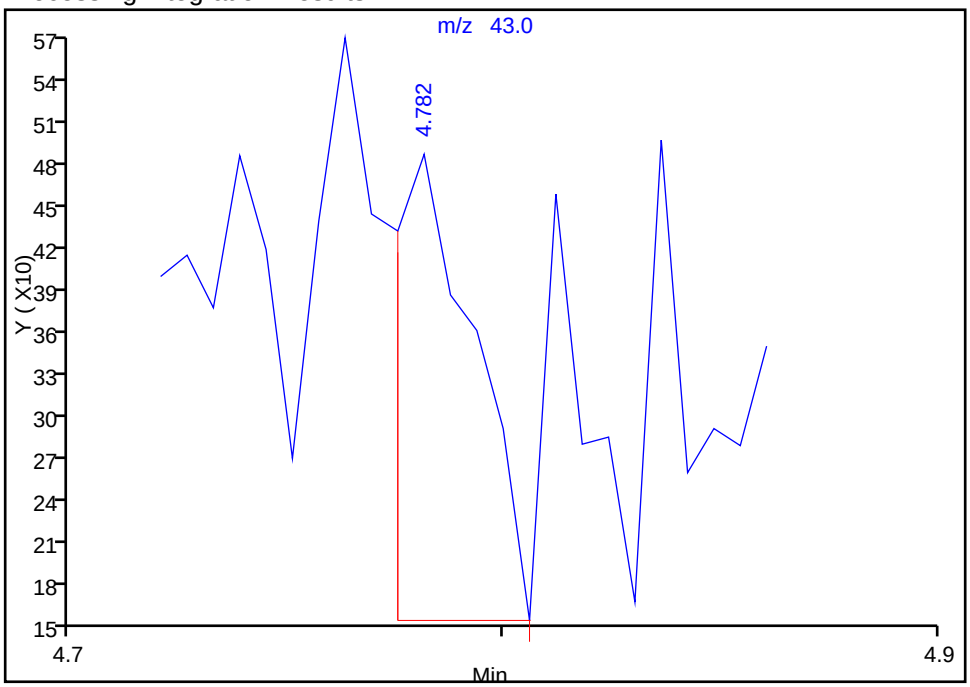
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98725.D
Injection Date: 22-May-2015 06:22:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

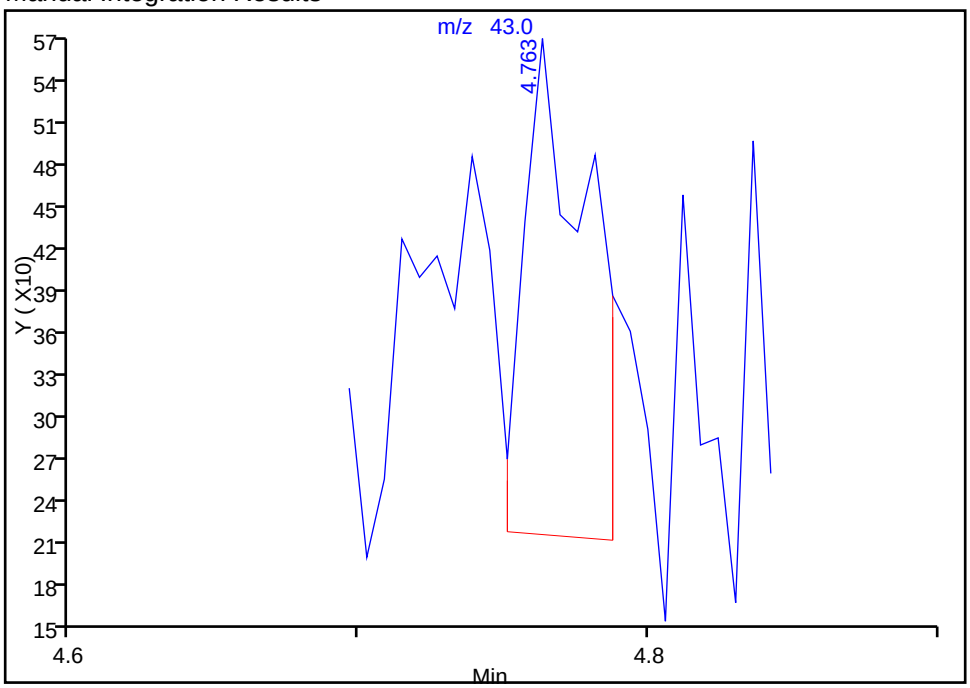
Processing Integration Results

RT: 4.78
Area: 427
Amount: 30.276243
Amount Units: ug/l



Manual Integration Results

RT: 4.76
Area: 548
Amount: 35.227857
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 10:28:15
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98727.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-May-2015 07:12:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0027689-005
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 22-May-2015 10:05:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	92	17061	20.0	21.8	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	119207	20.0	21.8	
3 Chloromethane	50	1.113	1.113	0.000	98	95777	20.0	22.0	
4 Vinyl chloride	62	1.156	1.156	0.000	98	108957	20.0	21.9	
5 Butadiene	54	1.168	1.168	0.000	96	98639	20.0	21.8	
6 Bromomethane	94	1.344	1.344	0.000	99	70615	20.0	24.0	
7 Chloroethane	64	1.405	1.405	0.000	99	69269	20.0	21.3	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	157280	20.0	22.6	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	98	151476	20.0	22.3	
10 Pentane	72	1.606	1.606	0.000	96	36699	40.0	41.4	
11 Ethanol	46	1.667	1.667	0.000	93	10675	800.0	934.1	
12 Ethyl ether	59	1.733	1.733	0.000	96	47708	20.0	18.5	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	80253	20.0	21.5	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	77463	20.0	20.5	
15 Acrolein	56	1.806	1.806	0.000	96	35018	300.0	330.0	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	83975	20.0	21.0	
17 1,1,2-Trichloro-1,2,2-trif	101	1.879	1.879	0.000	94	89874	20.0	20.7	
18 Acetone	43	1.904	1.904	0.000	89	78901	100.0	121.0	
19 Iodomethane	142	1.971	1.971	0.000	97	89143	20.0	17.8	
21 Isopropyl alcohol	45	2.007	2.007	0.000	29	28712	200.0	205.6	
20 Carbon disulfide	76	2.013	2.013	0.000	99	282373	20.0	20.6	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	52733	20.0	26.3	
23 Methyl acetate	43	2.123	2.123	0.000	99	188402	100.0	101.0	
24 Acetonitrile	39	2.165	2.165	0.000	32	54255	200.0	207.0	
25 Cyclopentene	67	2.165	2.165	0.000	95	244808	20.0	21.5	
26 Methylene Chloride	84	2.190	2.190	0.000	91	71702	20.0	19.2	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	199935	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	99	48547	200.0	206.4	
29 Acrylonitrile	53	2.354	2.354	0.000	94	149877	200.0	245.6	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	86767	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	96	148580	20.0	19.1	
32 Hexane	43	2.585	2.585	0.000	92	68408	20.0	20.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	138227	20.0	20.6	
34 Allyl alcohol	57	2.725	2.725	0.000	33	23708	500.0	569.3	
35 Vinyl acetate	86	2.731	2.731	0.000	99	7426	40.0	41.9	
36 Isopropyl ether	45	2.749	2.749	0.000	96	156868	20.0	20.0	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	78841	20.0	21.3	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	89	143258	20.0	19.7	
* 157 2-Butanone-d5	46	3.108	3.108	0.000	100	151347	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	84	28146	20.0	20.7	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	96	79972	20.0	20.2	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	26988	100.0	99.1	
42 Propionitrile	54	3.206	3.206	0.000	94	55220	200.0	202.7	
43 Ethyl acetate	43	3.224	3.224	0.000	100	58262	40.0	38.1	
44 Methyl acrylate	55	3.248	3.248	0.000	99	34511	20.0	18.5	
45 Methacrylonitrile	67	3.333	3.333	0.000	90	173343	200.0	201.2	
46 Chlorobromomethane	128	3.340	3.340	0.000	77	33904	20.0	22.5	
47 Tetrahydrofuran	71	3.388	3.388	0.000	80	10139	40.0	38.8	
48 Chloroform	83	3.419	3.419	0.000	100	118693	20.0	20.3	
$ 49 Dibromofluoromethane (Surr	113	3.552	3.552	0.000	99	132860	50.0	51.4	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	97	118690	20.0	21.0	
51 Cyclohexane	56	3.625	3.625	0.000	88	130700	20.0	21.8	
53 Carbon tetrachloride	117	3.723	3.723	0.000	97	106295	20.0	20.9	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	96	96386	20.0	21.1	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	117151	50.0	52.4	
55 Isobutyl alcohol	43	3.869	3.869	0.000	92	36727	500.0	510.1	
56 Benzene	78	3.917	3.917	0.000	95	265759	20.0	20.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	68063	20.0	19.4	
58 Isooctane	57	4.015	4.015	0.000	96	241988	20.0	20.5	
72 Isopropyl acetate	43	4.021	4.021	0.000	60	129238	20.0	19.7	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	117877	20.0	19.4	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	421411	50.0	50.0	
61 n-Heptane	71	4.209	4.209	0.000	100	69171	20.0	22.7	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	341117	40.0	40.3	
64 Trichloroethene	95	4.568	4.568	0.000	97	73368	20.0	20.5	
63 n-Butanol	43	4.769	4.769	0.000	46	5887	500.0	392.9	
65 Ethyl acrylate	55	4.769	4.769	0.000	73	90101	20.0	20.5	
66 Methylcyclohexane	83	4.769	4.769	0.000	93	123830	20.0	20.7	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	91	59641	20.0	20.1	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	40	21194	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	30687	20.0	19.7	
71 1,4-Dioxane	88	4.970	4.970	0.000	33	11508	400.0	433.2	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	53512	40.0	39.0	
73 n-Propyl acetate	43	5.055	5.055	0.000	98	40778	20.0	19.9	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	78885	20.0	19.9	
75 2-Nitropropane	41	5.378	5.378	0.000	95	17106	40.0	43.5	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	94	24494	20.0	20.8	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	70178	400.0	382.8	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	91	87224	20.0	20.2	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	128343	100.0	90.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	452554	50.0	49.9	
81 Toluene	91	6.053	6.053	0.000	93	261546	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	67044	20.0	20.1	
83 Ethyl methacrylate	69	6.546	6.546	0.000	87	46215	20.0	19.0	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	94	33011	20.0	19.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	96	81119	20.0	20.5	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	68904	20.0	20.1	
87 2-Hexanone	43	6.978	6.978	0.000	94	97924	100.0	92.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	97	50327	20.0	19.5	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	36018	20.0	20.2	
90 Ethylene Dibromide	107	7.233	7.233	0.000	98	40498	20.0	20.2	
* 91 Chlorobenzene-d5	117	7.920	7.920	0.000	84	342007	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	160293	20.0	19.6	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	52201	20.0	18.9	
94 Ethylbenzene	106	8.170	8.170	0.000	97	96349	20.0	20.0	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	96	111016	20.0	19.6	
96 o-Xylene	106	8.942	8.942	0.000	94	102181	20.0	18.9	
97 Styrene	104	8.973	8.973	0.000	96	176939	20.0	19.4	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	25815	20.0	18.0	
99 Bromoform	173	9.204	9.204	0.000	99	32902	20.0	19.3	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	44883	20.0	18.5	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	303486	20.0	20.7	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	157688	50.0	50.4	
103 Camphene	41	9.922	9.922	0.000	93	22604	20.0	21.1	
104 Bromobenzene	156	9.952	9.952	0.000	90	71807	20.0	20.3	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	41534	20.0	20.4	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	12741	20.0	20.1	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	96	11327	20.0	21.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	333907	20.0	20.5	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	183609	20.0	20.1	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	275738	20.0	19.9	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	186584	20.0	19.6	
112 1,3,5-Trimethylbenzene	105	10.542	10.542	0.000	93	208449	20.0	19.3	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	45403	20.0	17.8	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	217676	20.0	20.4	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	211232	20.0	19.0	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	323309	20.0	20.7	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	98	133226	20.0	19.4	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	183040	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	130849	20.0	19.1	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	98	265955	20.0	19.6	
121 Benzyl chloride	91	11.826	11.826	0.000	99	98062	20.0	20.4	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	212000	20.0	19.5	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	116906	20.0	19.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	157672	20.0	19.5	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	287092	20.0	19.9	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	91	11297	20.0	20.1	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	225198	20.0	19.7	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	117834	20.0	19.6	
129 Camphor	95	13.603	13.603	0.000	89	23444	100.0	121.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	100455	20.0	18.9	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	77550	20.0	20.6	
132 Naphthalene	128	13.888	13.888	0.000	99	171584	20.0	23.5	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	90640	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.4	
S 135 Xylenes, Total	100				0		40.0	38.5	
S 136 Total BTEX	1				0		100.0	98.7	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

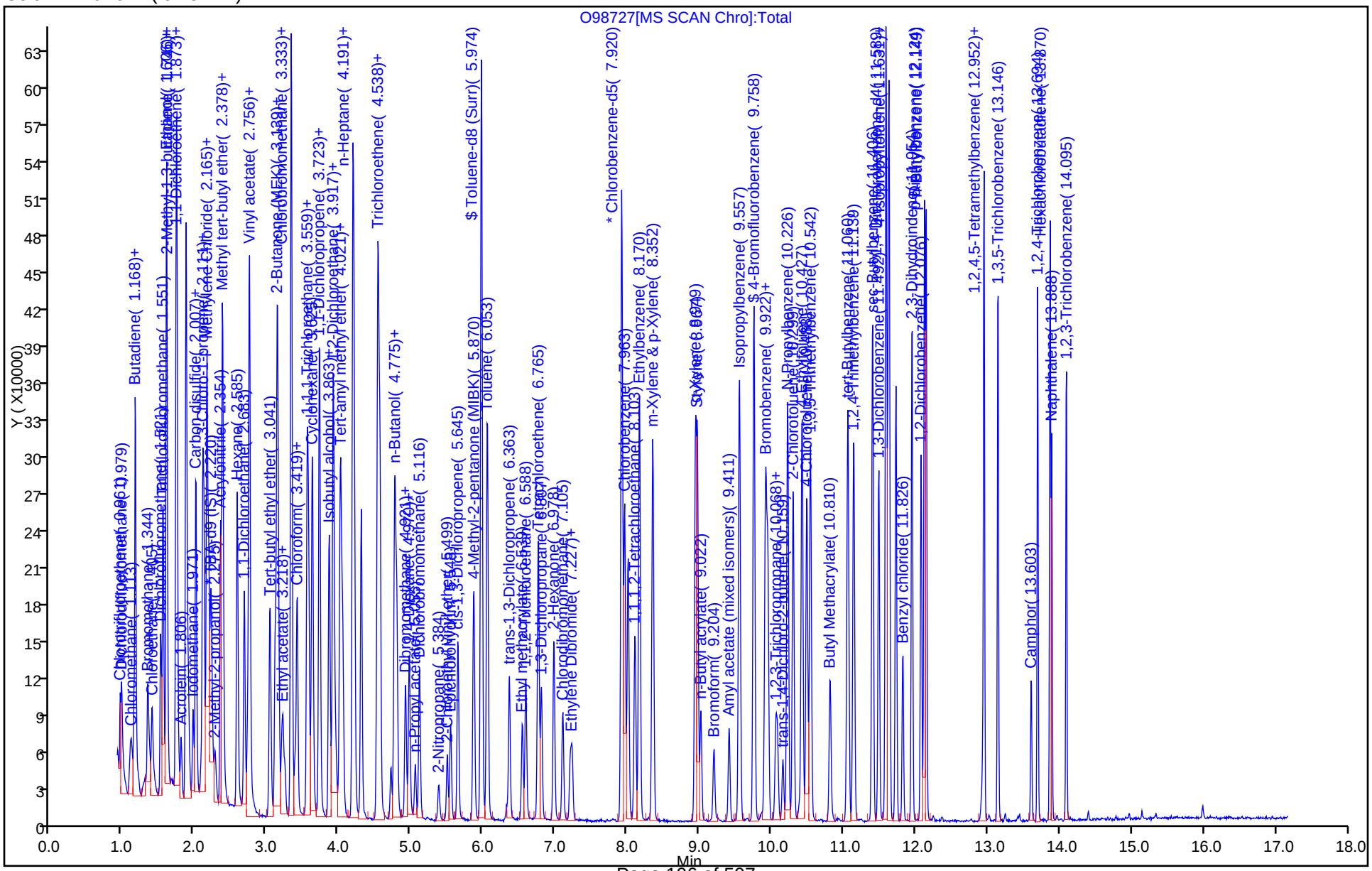
Report Date: 26-May-2015 20:54:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98727.D

Injection Date:	22-May-2015 07:12:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98728.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-May-2015 07:38:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0027689-006
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:13 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:51:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	92	42658	50.0	48.4	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	301640	50.0	48.9	
3 Chloromethane	50	1.113	1.113	0.000	99	235704	50.0	48.0	
4 Vinyl chloride	62	1.156	1.156	0.000	98	269878	50.0	48.1	
5 Butadiene	54	1.168	1.168	0.000	95	247632	50.0	48.5	
6 Bromomethane	94	1.344	1.344	0.000	99	167172	50.0	50.4	
7 Chloroethane	64	1.405	1.405	0.000	99	167400	50.0	45.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	386663	50.0	49.2	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	374592	50.0	48.8	
10 Pentane	72	1.606	1.606	0.000	96	93533	100.0	93.5	
11 Ethanol	46	1.667	1.667	0.000	95	23384	2000.0	2044.4	
12 Ethyl ether	59	1.734	1.733	0.001	96	123435	50.0	42.5	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	203227	50.0	48.3	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	203357	50.0	47.6	
15 Acrolein	56	1.807	1.806	0.001	95	48452	400.0	450.9	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	217174	50.0	48.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	94	236997	50.0	48.3	
18 Acetone	43	1.904	1.904	0.000	87	190318	250.0	294.1	
19 Iodomethane	142	1.971	1.971	0.000	97	271643	50.0	48.4	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	99	67321	500.0	480.2	
20 Carbon disulfide	76	2.013	2.013	0.000	99	717624	50.0	46.4	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	94	128986	50.0	56.6	
23 Methyl acetate	43	2.123	2.123	0.000	99	462183	250.0	247.0	
24 Acetonitrile	39	2.165	2.165	0.000	38	145689	500.0	548.8	
25 Cyclopentene	67	2.165	2.165	0.000	96	623117	50.0	48.6	
26 Methylene Chloride	84	2.190	2.190	0.000	91	183328	50.0	43.5	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	202467	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	99	114392	500.0	483.5	
29 Acrylonitrile	53	2.354	2.354	0.000	95	366065	500.0	530.9	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	222422	50.0	46.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	97	401007	50.0	45.7	
32 Hexane	43	2.585	2.585	0.000	92	191866	50.0	50.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	100	354274	50.0	46.7	
34 Allyl alcohol	57	2.725	2.725	0.000	79	57024	1250.0	1352.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	20431	100.0	115.4	
36 Isopropyl ether	45	2.749	2.749	0.000	96	450813	50.0	50.9	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	209468	50.0	50.2	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	90	413528	50.0	50.5	
* 157 2-Butanone-d5	46	3.108	3.108	0.000	99	151270	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	83	73697	50.0	48.0	
39 cis-1,2-Dichloroethene	96	3.139	3.145	-0.006	96	209492	50.0	46.9	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	68780	250.0	253.5	
42 Propionitrile	54	3.206	3.206	0.000	98	132532	500.0	480.5	
43 Ethyl acetate	43	3.224	3.224	0.000	100	150004	100.0	98.0	
44 Methyl acrylate	55	3.248	3.248	0.000	100	90707	50.0	43.1	
45 Methacrylonitrile	67	3.334	3.333	0.001	90	435148	500.0	447.9	
46 Chlorobromomethane	128	3.340	3.340	0.000	80	85960	50.0	50.7	
47 Tetrahydrofuran	71	3.388	3.388	0.000	78	25229	100.0	96.6	
48 Chloroform	83	3.419	3.419	0.000	100	310074	50.0	47.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.552	0.001	98	143322	50.0	49.1	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	309736	50.0	48.6	
51 Cyclohexane	56	3.626	3.625	0.001	88	346598	50.0	51.4	
53 Carbon tetrachloride	117	3.729	3.723	0.006	96	282091	50.0	49.3	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	260385	50.0	50.6	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	124645	50.0	49.4	
55 Isobutyl alcohol	43	3.869	3.869	0.000	91	94141	1250.0	1291.3	
56 Benzene	78	3.918	3.917	0.001	95	715235	50.0	51.7	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	174992	50.0	44.2	
58 Isooctane	57	4.015	4.015	0.000	96	653616	50.0	49.2	
72 Isopropyl acetate	43	4.021	4.021	0.000	92	356915	50.0	48.3	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	340728	50.0	49.6	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	475307	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	176276	50.0	51.4	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	940176	100.0	98.5	
64 Trichloroethene	95	4.568	4.568	0.000	97	200941	50.0	49.8	
63 n-Butanol	43	4.769	4.769	0.000	45	14465	1250.0	956.8	
65 Ethyl acrylate	55	4.769	4.769	0.000	74	263193	50.0	53.1	
66 Methylcyclohexane	83	4.769	4.769	0.000	93	352039	50.0	52.1	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	161542	50.0	48.4	
* 68 1,4-Dioxane-d8	96	4.909	4.915	-0.006	35	21830	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	78894	50.0	44.9	
71 1,4-Dioxane	88	4.970	4.970	0.000	32	26481	1000.0	967.7	
70 Methyl methacrylate	41	4.970	4.970	0.000	83	138731	100.0	89.7	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	108879	50.0	47.2	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	210074	50.0	47.0	
75 2-Nitropropane	41	5.384	5.378	0.006	97	45233	100.0	102.2	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	95	66149	50.0	49.8	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	177068	1000.0	966.3	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	91	238417	50.0	52.2	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	335892	250.0	236.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	498234	50.0	52.0	
81 Toluene	91	6.059	6.053	0.006	93	686950	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	182954	50.0	51.9	
83 Ethyl methacrylate	69	6.540	6.546	-0.006	87	115271	50.0	44.9	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	95	89066	50.0	50.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	96	213860	50.0	51.3	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	186852	50.0	51.6	
87 2-Hexanone	43	6.978	6.978	0.000	94	246200	250.0	232.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	140284	50.0	51.4	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	92107	50.0	49.0	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	107463	50.0	50.8	
* 91 Chlorobenzene-d5	117	7.921	7.920	0.001	84	361141	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	417194	50.0	48.4	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	94	151862	50.0	52.1	
94 Ethylbenzene	106	8.170	8.170	0.000	98	249382	50.0	49.1	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	95	295519	50.0	49.4	
96 o-Xylene	106	8.943	8.942	0.001	95	276263	50.0	48.4	
97 Styrene	104	8.973	8.973	0.000	97	473898	50.0	49.3	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	68864	50.0	45.4	
99 Bromoform	173	9.204	9.204	0.000	99	88464	50.0	49.1	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	91	118235	50.0	45.8	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	798317	50.0	51.5	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	172590	50.0	52.2	
103 Camphene	41	9.922	9.922	0.000	93	58553	50.0	51.8	
104 Bromobenzene	156	9.952	9.952	0.000	92	187255	50.0	49.6	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	107125	50.0	49.4	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	32723	50.0	48.5	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	97	27476	50.0	48.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	891323	50.0	51.4	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	483520	50.0	49.6	
110 4-Ethyltoluene	105	10.427	10.427	0.000	99	734766	50.0	49.7	
111 4-Chlorotoluene	91	10.488	10.488	0.000	96	492501	50.0	48.5	
112 1,3,5-Trimethylbenzene	105	10.543	10.542	0.001	93	566142	50.0	49.0	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	124318	50.0	45.6	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	582336	50.0	51.2	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	97	565375	50.0	47.6	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	863646	50.0	51.9	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	348785	50.0	47.7	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	195128	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	96	340979	50.0	46.8	
120 4-Isopropyltoluene	119	11.638	11.638	0.000	98	716198	50.0	49.5	
121 Benzyl chloride	91	11.826	11.826	0.000	100	246056	50.0	47.9	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	563619	50.0	48.7	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	306201	50.0	47.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	418609	50.0	48.6	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	766579	50.0	49.8	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	91	28000	50.0	46.8	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	599130	50.0	49.3	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	302425	50.0	47.2	
129 Camphor	95	13.603	13.603	0.001	90	56337	250.0	274.0	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	258212	50.0	45.7	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	203081	50.0	50.5	
132 Naphthalene	128	13.889	13.888	0.000	99	424175	50.0	54.7	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	95	226249	50.0	46.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	92.9	
S 135 Xylenes, Total	100				0		100.0	97.8	
S 136 Total BTEX	1				0		250.0	248.0	

Reagents:

GASES Li_00103	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	5.00	Units: uL		
ACROLEIN W_00037	Amount Added:	4.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

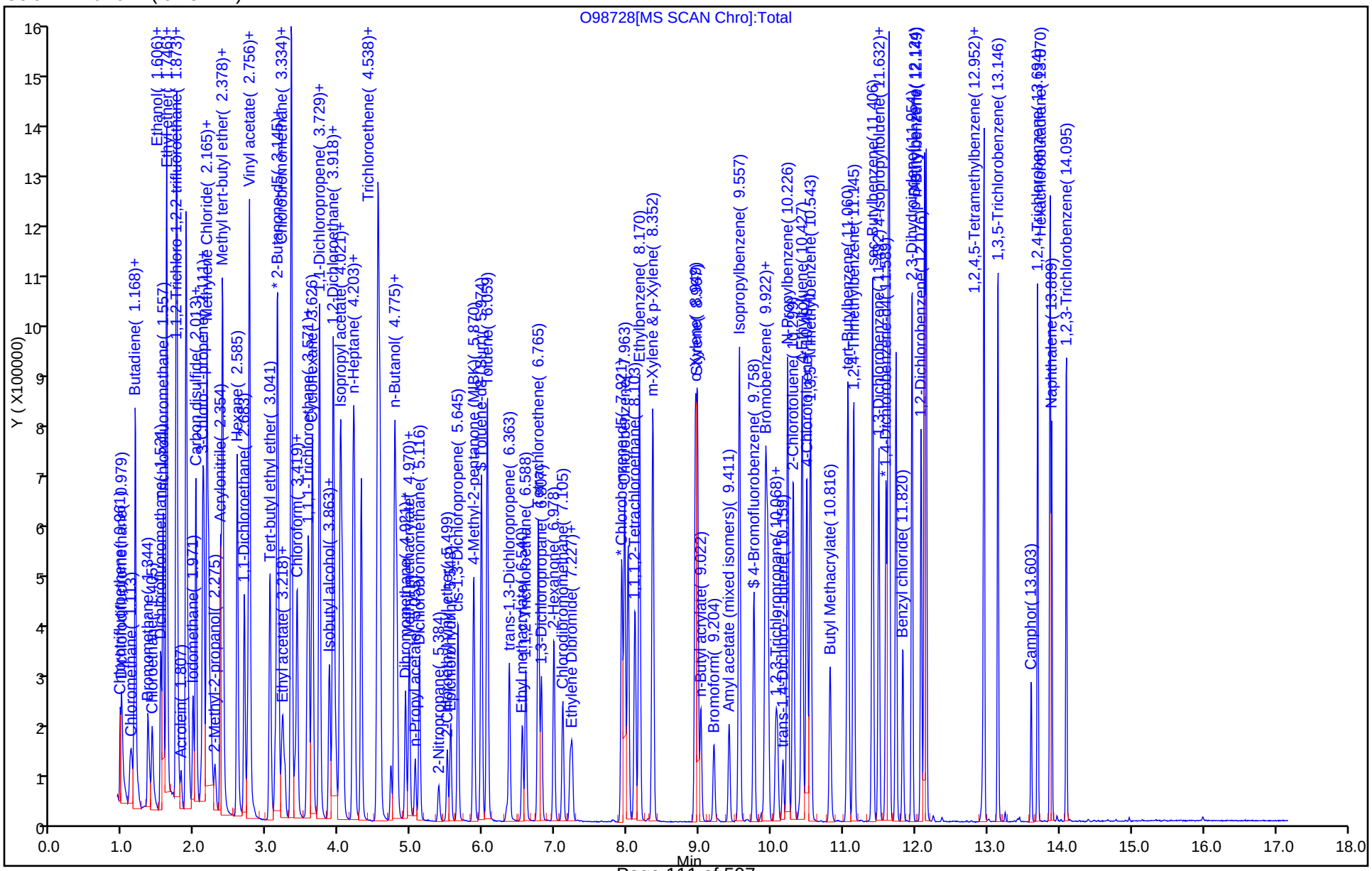
Report Date: 26-May-2015 20:54:14 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98728.D

Injection Date:	22-May-2015 07:38:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98729.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-May-2015 08:03:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027689-007
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:16 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: tupayachia Date: 22-May-2015 10:12:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	218648	200.0	210.1	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	100	1365589	200.0	187.5	
3 Chloromethane	50	1.107	1.113	-0.006	99	1014433	200.0	174.9	
4 Vinyl chloride	62	1.156	1.156	0.000	98	1191386	200.0	179.8	
5 Butadiene	54	1.174	1.168	0.006	95	1127553	200.0	187.1	
6 Bromomethane	94	1.344	1.344	0.000	99	769894	200.0	199.0	
7 Chloroethane	64	1.405	1.405	0.000	99	757351	200.0	174.7	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	1733484	200.0	186.6	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	1647536	200.0	181.7	
10 Pentane	72	1.606	1.606	0.000	95	475433	400.0	402.3	
11 Ethanol	46	1.673	1.667	0.006	93	97877	8000.0	7952.0	
12 Ethyl ether	59	1.734	1.733	0.001	97	601424	200.0	175.1	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	927793	200.0	186.6	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	1009362	200.0	200.1	
15 Acrolein	56	1.807	1.806	0.001	96	59671	500.0	483.6	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	98	990184	200.0	186.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	96	1077037	200.0	185.8	
18 Acetone	43	1.910	1.904	0.006	88	668547	1000.0	977.9	
19 Iodomethane	142	1.971	1.971	0.000	98	1289385	200.0	201.1	
21 Isopropyl alcohol	45	2.007	2.007	0.000	98	307224	2000.0	2006.7	
20 Carbon disulfide	76	2.013	2.013	0.000	99	3192586	200.0	174.6	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	94	543869	200.0	196.6	
23 Methyl acetate	43	2.123	2.123	0.000	98	2042905	1000.0	1001.1	
24 Acetonitrile	39	2.166	2.165	0.001	38	638318	2000.0	2094.2	
25 Cyclopentene	67	2.166	2.165	0.001	96	2899352	200.0	191.3	
26 Methylene Chloride	84	2.190	2.190	0.000	90	851876	200.0	171.3	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	232473	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	524961	2000.0	2004.6	
29 Acrylonitrile	53	2.360	2.354	0.006	94	1628511	2000.0	1980.5	
30 trans-1,2-Dichloroethene	96	2.379	2.378	0.000	94	1019910	200.0	178.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.391	2.384	0.007	97	1932698	200.0	186.5	
32 Hexane	43	2.585	2.585	0.000	92	905539	200.0	200.1	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	100	1571383	200.0	175.5	
34 Allyl alcohol	57	2.731	2.725	0.006	87	256463	5000.0	5296.3	
35 Vinyl acetate	86	2.731	2.731	0.000	99	69124	400.0	359.4	
36 Isopropyl ether	45	2.756	2.749	0.007	95	2220459	200.0	212.3	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	89	967576	200.0	196.3	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	90	2098693	200.0	217.0	
* 157 2-Butanone-d5	46	3.115	3.108	0.007	94	164280	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	82	340294	200.0	187.5	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	96	961572	200.0	182.3	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	290683	1000.0	998.7	
42 Propionitrile	54	3.212	3.206	0.006	95	577802	2000.0	1824.5	
43 Ethyl acetate	43	3.224	3.224	0.000	99	696674	400.0	419.2	
44 Methyl acrylate	55	3.248	3.248	0.000	99	428284	200.0	172.2	
45 Methacrylonitrile	67	3.346	3.333	0.013	88	2065744	2000.0	1800.0	
46 Chlorobromomethane	128	3.346	3.340	0.006	54	394924	200.0	199.3	
47 Tetrahydrofuran	71	3.388	3.388	0.000	93	111038	400.0	391.5	
48 Chloroform	83	3.419	3.419	0.000	100	1399901	200.0	179.6	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.552	0.007	98	163941	50.0	47.6	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	97	1383382	200.0	183.9	
51 Cyclohexane	56	3.632	3.625	0.007	88	1580002	200.0	198.2	
53 Carbon tetrachloride	117	3.729	3.723	0.006	96	1281591	200.0	189.5	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	1190224	200.0	195.8	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	96	138131	50.0	46.4	
55 Isobutyl alcohol	43	3.875	3.869	0.006	96	450246	5000.0	5378.7	
56 Benzene	78	3.918	3.917	0.001	95	3309580	200.0	206.8	
57 1,2-Dichloroethane	62	3.936	3.930	0.006	98	811398	200.0	173.6	
58 Isooctane	57	4.021	4.015	0.006	96	3258717	200.0	207.7	
72 Isopropyl acetate	43	4.027	4.021	0.006	92	1830268	200.0	209.8	
59 Tert-amyl methyl ether	73	4.051	4.045	0.006	98	1744417	200.0	215.2	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	561438	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	799865	200.0	198.9	
62 2,4,4-Trimethyl-1-pentene	57	4.544	4.538	0.006	95	4788294	400.0	424.6	
64 Trichloroethene	95	4.569	4.568	0.001	97	933606	200.0	195.7	
63 n-Butanol	43	4.775	4.769	0.006	49	86690	5000.0	5136.0	
65 Ethyl acrylate	55	4.775	4.769	0.006	90	1283019	200.0	219.2	
66 Methylcyclohexane	83	4.775	4.769	0.006	94	1693895	200.0	212.4	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	767882	200.0	194.7	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	35	25745	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	91	358554	200.0	172.6	
71 1,4-Dioxane	88	4.976	4.970	0.006	31	112287	4000.0	3479.3	
70 Methyl methacrylate	41	4.976	4.970	0.006	84	664652	400.0	363.8	
73 n-Propyl acetate	43	5.061	5.055	0.006	97	529105	200.0	194.3	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	980891	200.0	185.7	
75 2-Nitropropane	41	5.384	5.378	0.006	96	205595	400.0	398.4	
76 2-Chloroethyl vinyl ether	63	5.505	5.499	0.006	95	317430	200.0	202.2	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	762337	4000.0	3830.7	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	91	1133908	200.0	214.5	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	1589094	1000.0	1029.5	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	586176	50.0	52.9	
81 Toluene	91	6.059	6.053	0.006	93	3186962	200.0	198.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	869951	200.0	213.3	
83 Ethyl methacrylate	69	6.546	6.546	0.000	88	524787	200.0	176.8	
84 1,1,2-Trichloroethane	83	6.594	6.594	0.000	95	417014	200.0	205.9	
85 Tetrachloroethene	166	6.765	6.765	0.000	97	1008060	200.0	208.8	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	873253	200.0	208.4	
87 2-Hexanone	43	6.984	6.978	0.006	93	1034499	1000.0	899.2	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	669165	200.0	212.0	
89 n-Butyl acetate	43	7.209	7.209	0.000	98	431966	200.0	200.3	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	496499	200.0	202.7	
* 91 Chlorobenzene-d5	117	7.927	7.920	0.007	84	418011	50.0	50.0	
92 Chlorobenzene	112	7.969	7.963	0.006	96	1953672	200.0	195.8	
93 1,1,1,2-Tetrachloroethane	131	8.109	8.103	0.006	95	754910	200.0	223.8	
94 Ethylbenzene	106	8.170	8.170	0.000	98	1147814	200.0	195.1	
95 m-Xylene & p-Xylene	106	8.359	8.352	0.007	95	1413564	200.0	204.2	
96 o-Xylene	106	8.949	8.942	0.007	95	1337620	200.0	202.5	
97 Styrene	104	8.979	8.973	0.006	96	2243126	200.0	201.5	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	346748	200.0	197.5	
99 Bromoform	173	9.204	9.204	0.000	99	432717	200.0	207.3	
100 Amyl acetate (mixed isomer	43	9.417	9.411	0.006	92	597505	200.0	186.9	
101 Isopropylbenzene	105	9.563	9.557	0.006	95	3657771	200.0	203.9	
$ 102 4-Bromofluorobenzene	174	9.764	9.758	0.006	98	199998	50.0	52.3	
103 Camphene	41	9.922	9.922	0.000	94	283465	200.0	216.7	
104 Bromobenzene	156	9.959	9.952	0.007	90	872738	200.0	186.7	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	517498	200.0	192.5	
106 1,2,3-Trichloropropane	110	10.086	10.086	0.000	97	153841	200.0	183.9	
107 trans-1,4-Dichloro-2-buten	53	10.165	10.159	0.006	97	129280	200.0	182.8	
108 N-Propylbenzene	91	10.232	10.226	0.006	100	4240802	200.0	197.6	
109 2-Chlorotoluene	91	10.311	10.299	0.012	97	2345660	200.0	194.3	
110 4-Ethyltoluene	105	10.433	10.427	0.006	99	3763510	200.0	205.6	
111 4-Chlorotoluene	91	10.500	10.488	0.012	96	2443500	200.0	194.3	
112 1,3,5-Trimethylbenzene	105	10.549	10.542	0.007	93	2964749	200.0	207.4	
113 Butyl Methacrylate	87	10.823	10.816	0.006	86	714218	200.0	211.6	
114 tert-Butylbenzene	119	11.066	11.060	0.006	95	2808399	200.0	199.2	
115 1,2,4-Trimethylbenzene	105	11.151	11.139	0.012	97	2960368	200.0	201.3	
116 sec-Butylbenzene	105	11.413	11.406	0.007	98	4162205	200.0	202.1	
117 1,3-Dichlorobenzene	146	11.498	11.492	0.006	97	1735124	200.0	191.5	
* 118 1,4-Dichlorobenzene-d4	152	11.595	11.589	0.006	94	241663	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.626	11.619	0.007	95	1727838	200.0	191.3	
120 4-Isopropyltoluene	119	11.644	11.638	0.006	97	3657784	200.0	204.2	
121 Benzyl chloride	91	11.826	11.826	0.000	100	1164703	200.0	183.2	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	2901354	200.0	202.5	
123 1,2-Dichlorobenzene	146	12.082	12.076	0.006	98	1522695	200.0	190.1	
124 p-Diethylbenzene	119	12.130	12.124	0.006	94	2221405	200.0	208.2	
125 n-Butylbenzene	91	12.155	12.149	0.006	99	3896184	200.0	204.2	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	90	128637	200.0	173.6	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	3073027	200.0	204.1	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	1535232	200.0	193.4	
129 Camphor	95	13.609	13.603	0.007	89	248363	1000.0	986.6	
128 1,2,4-Trichlorobenzene	180	13.700	13.694	0.006	94	1235766	200.0	176.4	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	977389	200.0	196.4	
132 Naphthalene	128	13.895	13.888	0.007	99	1858160	200.0	197.5	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	1054030	200.0	173.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	360.8	
S 135 Xylenes, Total	100				0		400.0	406.7	
S 136 Total BTEX	1				0		1000.0	1006.7	

Reagents:

ACROLEIN W_00037	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

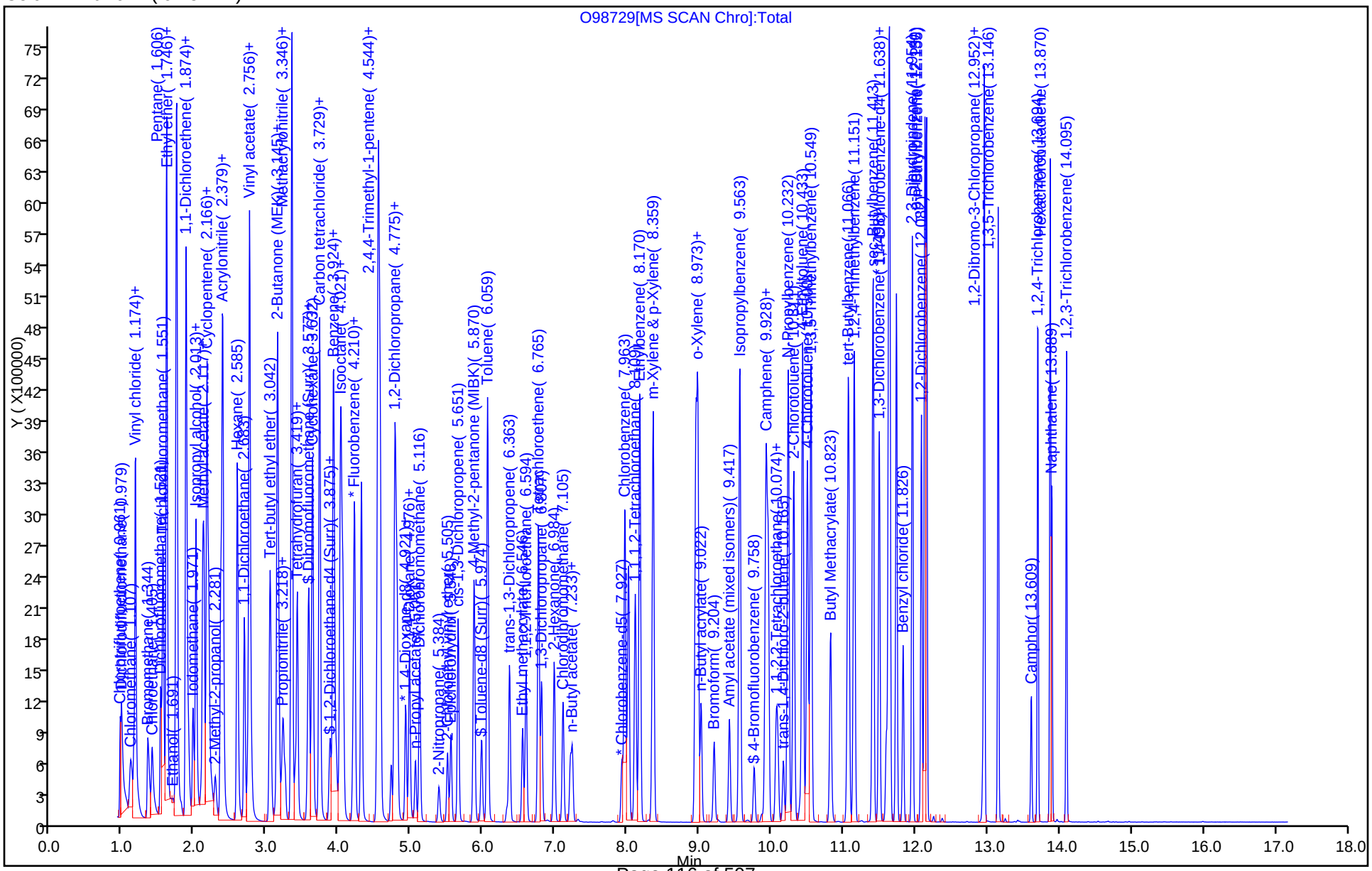
Report Date: 26-May-2015 20:54:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98729.D

Injection Date:	22-May-2015 08:03:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98730.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-May-2015 08:29:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027689-008
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:19 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:46:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	524310	500.0	494.2	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	3303502	500.0	444.9	
3 Chloromethane	50	1.113	1.113	0.000	99	2520257	500.0	426.4	
4 Vinyl chloride	62	1.156	1.156	0.000	98	2956008	500.0	437.6	
5 Butadiene	54	1.174	1.168	0.006	95	2799932	500.0	455.8	
6 Bromomethane	94	1.344	1.344	0.000	99	1924489	500.0	500.2	
7 Chloroethane	64	1.405	1.405	0.000	99	1855905	500.0	420.1	
8 Dichlorofluoromethane	67	1.527	1.521	0.006	99	4209912	500.0	444.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	4010936	500.0	433.9	
10 Pentane	72	1.606	1.606	0.000	93	1194963	1000.0	992.0	
11 Ethanol	46	1.673	1.667	0.006	92	244822	20000	20010	
12 Ethyl ether	59	1.734	1.733	0.001	96	1547947	500.0	442.2	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	89	2172130	500.0	428.6	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	95	2441533	500.0	474.9	
15 Acrolein	56	1.813	1.806	0.007	93	73086	600.0	514.4	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	98	2577679	500.0	475.5	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	94	2809890	500.0	475.6	
18 Acetone	43	1.910	1.904	0.006	88	1691645	2500.0	2503.5	
19 Iodomethane	142	1.971	1.971	0.000	98	3052865	500.0	499.8	
21 Isopropyl alcohol	45	2.007	2.007	0.000	98	792389	5000.0	4998.9	
20 Carbon disulfide	76	2.014	2.013	0.001	99	7782868	500.0	417.6	
22 3-Chloro-1-propene	76	2.111	2.105	0.006	94	1493960	500.0	500.4	
23 Methyl acetate	43	2.129	2.123	0.006	98	5255974	2500.0	2499.8	
24 Acetonitrile	39	2.166	2.165	0.001	38	1621522	5000.0	4619.9	
25 Cyclopentene	67	2.166	2.165	0.001	97	6860187	500.0	444.0	
26 Methylene Chloride	84	2.190	2.190	0.000	88	2161757	500.0	426.4	
* 27 TBA-d9 (IS)	65	2.226	2.220	0.006	97	267697	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.287	2.281	0.006	98	1396768	5000.0	4999.3	
29 Acrylonitrile	53	2.366	2.354	0.012	94	4276324	5000.0	5002.6	
30 trans-1,2-Dichloroethene	96	2.385	2.378	0.007	93	2649351	500.0	455.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.391	2.384	0.007	97	4912772	500.0	465.1	
32 Hexane	43	2.585	2.585	0.000	92	2323798	500.0	503.8	
33 1,1-Dichloroethane	63	2.689	2.683	0.007	100	3875978	500.0	424.7	
34 Allyl alcohol	57	2.744	2.725	0.019	85	657129	12500	11785	
35 Vinyl acetate	86	2.737	2.731	0.006	100	182992	1000.0	902.8	
36 Isopropyl ether	45	2.756	2.749	0.007	95	5268445	500.0	494.2	
37 2-Chloro-1,3-butadiene	88	2.762	2.756	0.006	88	2393015	500.0	476.2	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	91	4820977	500.0	488.9	
* 157 2-Butanone-d5	46	3.121	3.108	0.013	95	173156	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.145	0.000	95	879579	500.0	475.5	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	98	2468658	500.0	459.1	
41 2-Butanone (MEK)	72	3.169	3.163	0.006	98	747660	2500.0	2500.2	
42 Propionitrile	54	3.218	3.206	0.012	96	1411900	5000.0	3871.6	
43 Ethyl acetate	43	3.230	3.224	0.006	99	1783625	1000.0	1018.3	
44 Methyl acrylate	55	3.255	3.248	0.007	98	1274574	500.0	502.8	
45 Methacrylonitrile	67	3.358	3.333	0.025	87	5116048	5000.0	4373.1	
46 Chlorobromomethane	128	3.352	3.340	0.012	85	988679	500.0	500.1	
47 Tetrahydrofuran	71	3.401	3.388	0.013	92	289596	1000.0	968.8	
48 Chloroform	83	3.425	3.419	0.006	99	3487923	500.0	438.9	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.552	0.007	98	140390	50.0	40.0	
50 1,1,1-Trichloroethane	97	3.583	3.577	0.006	98	3471009	500.0	452.6	
51 Cyclohexane	56	3.632	3.625	0.007	88	3992189	500.0	491.3	
53 Carbon tetrachloride	117	3.735	3.723	0.012	94	3302540	500.0	479.0	
52 1,1-Dichloropropene	75	3.735	3.729	0.006	95	3066078	500.0	494.7	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	92	116357	50.0	38.3	
55 Isobutyl alcohol	43	3.887	3.869	0.018	97	1198458	12500	12433	
56 Benzene	78	3.924	3.917	0.007	97	8127192	500.0	505.3	
57 1,2-Dichloroethane	62	3.936	3.930	0.006	98	2088279	500.0	438.3	
58 Isooctane	57	4.027	4.015	0.012	95	7980136	500.0	499.0	
72 Isopropyl acetate	43	4.033	4.021	0.012	98	4496007	500.0	505.5	
59 Tert-amyl methyl ether	73	4.058	4.045	0.013	98	4180539	500.0	505.9	
* 60 Fluorobenzene	96	4.198	4.191	0.007	99	572323	50.0	50.0	
61 n-Heptane	71	4.216	4.209	0.007	99	2022203	500.0	500.2	
62 2,4,4-Trimethyl-1-pentene	57	4.550	4.538	0.012	92	11481834	1000.0	998.7	
64 Trichloroethene	95	4.575	4.568	0.007	97	2408976	500.0	495.4	
63 n-Butanol	43	4.782	4.769	0.013	50	230460	12500	12479	
65 Ethyl acrylate	55	4.782	4.769	0.013	92	3193913	500.0	535.3	
66 Methylcyclohexane	83	4.782	4.769	0.013	95	4306792	500.0	529.8	
67 1,2-Dichloropropane	63	4.806	4.800	0.006	92	1977054	500.0	491.7	
* 68 1,4-Dioxane-d8	96	4.921	4.915	0.006	34	29132	1000.0	1000.0	
69 Dibromomethane	93	4.928	4.921	0.007	91	905521	500.0	427.6	
71 1,4-Dioxane	88	4.982	4.970	0.012	32	285609	10000	7820.9	
70 Methyl methacrylate	41	4.982	4.970	0.012	83	1639699	1000.0	880.5	
73 n-Propyl acetate	43	5.061	5.055	0.006	97	1312920	500.0	472.9	
74 Dichlorobromomethane	83	5.122	5.116	0.006	99	2450552	500.0	455.2	
75 2-Nitropropane	41	5.390	5.378	0.012	96	512617	1000.0	1000.2	
76 2-Chloroethyl vinyl ether	63	5.512	5.499	0.013	96	774294	500.0	483.8	
77 Epichlorohydrin	57	5.560	5.548	0.012	99	1981765	10000	9447.7	
78 cis-1,3-Dichloropropene	75	5.658	5.645	0.013	91	2824628	500.0	531.5	
79 4-Methyl-2-pentanone (MIBK	43	5.883	5.870	0.013	94	4073605	2500.0	2503.8	
$ 80 Toluene-d8 (Surr)	98	5.980	5.974	0.006	99	498143	50.0	44.7	
81 Toluene	91	6.065	6.053	0.012	95	7777021	500.0	480.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.369	6.363	0.006	96	2180820	500.0	532.0	
83 Ethyl methacrylate	69	6.552	6.546	0.006	87	1327081	500.0	444.8	
84 1,1,2-Trichloroethane	83	6.601	6.594	0.007	95	1051707	500.0	516.7	
85 Tetrachloroethene	166	6.771	6.765	0.006	97	2563054	500.0	528.1	
86 1,3-Dichloropropane	76	6.813	6.807	0.006	92	2176207	500.0	516.7	
87 2-Hexanone	43	6.996	6.978	0.018	93	2651963	2500.0	2187.0	
88 Chlorodibromomethane	129	7.112	7.105	0.007	98	1686286	500.0	531.4	
89 n-Butyl acetate	43	7.215	7.209	0.006	98	1063133	500.0	500.0	
90 Ethylene Dibromide	107	7.239	7.233	0.006	98	1246596	500.0	506.2	
* 91 Chlorobenzene-d5	117	7.927	7.920	0.007	84	420179	50.0	50.0	
92 Chlorobenzene	112	7.975	7.963	0.012	95	4940177	500.0	492.5	
93 1,1,1,2-Tetrachloroethane	131	8.115	8.103	0.012	96	1911797	500.0	563.7	
94 Ethylbenzene	106	8.182	8.170	0.012	97	2922650	500.0	494.3	
95 m-Xylene & p-Xylene	106	8.365	8.352	0.013	95	3529268	500.0	507.3	
96 o-Xylene	106	8.961	8.942	0.019	94	3395612	500.0	511.4	
97 Styrene	104	8.985	8.973	0.012	95	5575969	500.0	498.3	
98 n-Butyl acrylate	73	9.028	9.022	0.006	98	965361	500.0	546.9	
99 Bromoform	173	9.210	9.204	0.006	99	1121047	500.0	534.3	
100 Amyl acetate (mixed isomer	43	9.423	9.411	0.012	92	1563127	500.0	482.6	
101 Isopropylbenzene	105	9.569	9.557	0.012	96	8910198	500.0	494.1	
$ 102 4-Bromofluorobenzene	174	9.764	9.758	0.006	97	170104	50.0	44.3	
103 Camphene	41	9.934	9.922	0.012	93	706153	500.0	536.9	
104 Bromobenzene	156	9.965	9.952	0.013	93	2240089	500.0	473.1	
105 1,1,2,2-Tetrachloroethane	83	10.074	10.062	0.012	98	1365395	500.0	501.5	
106 1,2,3-Trichloropropane	110	10.093	10.086	0.006	97	400694	500.0	472.9	
107 trans-1,4-Dichloro-2-buten	53	10.178	10.159	0.019	95	343165	500.0	479.0	
108 N-Propylbenzene	91	10.245	10.226	0.019	99	10381736	500.0	477.5	
109 2-Chlorotoluene	91	10.324	10.299	0.025	96	5877742	500.0	480.6	
110 4-Ethyltoluene	105	10.445	10.427	0.018	98	9155863	500.0	493.8	
111 4-Chlorotoluene	91	10.512	10.488	0.024	96	6243363	500.0	490.0	
112 1,3,5-Trimethylbenzene	105	10.561	10.542	0.019	94	7698754	500.0	531.6	
113 Butyl Methacrylate	87	10.835	10.816	0.019	86	1911610	500.0	559.0	
114 tert-Butylbenzene	119	11.078	11.060	0.018	94	7047266	500.0	493.5	
115 1,2,4-Trimethylbenzene	105	11.163	11.139	0.024	97	7576632	500.0	508.6	
116 sec-Butylbenzene	105	11.425	11.406	0.019	97	10109640	500.0	484.5	
117 1,3-Dichlorobenzene	146	11.510	11.492	0.018	96	4382448	500.0	477.5	
* 118 1,4-Dichlorobenzene-d4	152	11.601	11.589	0.012	93	244815	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.638	11.619	0.019	96	4458639	500.0	487.4	
120 4-Isopropyltoluene	119	11.650	11.638	0.012	97	9161162	500.0	504.8	
121 Benzyl chloride	91	11.832	11.826	0.006	100	2792500	500.0	433.6	
122 2,3-Dihydroindene	117	11.966	11.954	0.012	95	6778379	500.0	467.0	
123 1,2-Dichlorobenzene	146	12.088	12.076	0.012	97	3874058	500.0	477.4	
124 p-Diethylbenzene	119	12.137	12.124	0.013	93	5466947	500.0	505.8	
125 n-Butylbenzene	91	12.161	12.149	0.012	98	9402389	500.0	486.4	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	91	333489	500.0	444.2	
127 1,2,4,5-Tetramethylbenzene	119	12.958	12.952	0.006	99	7252224	500.0	475.4	
133 1,3,5-Trichlorobenzene	180	13.153	13.146	0.007	98	3768469	500.0	468.6	
129 Camphor	95	13.609	13.603	0.007	89	622196	2500.0	2502.0	
128 1,2,4-Trichlorobenzene	180	13.700	13.694	0.006	94	3161157	500.0	445.5	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	2565363	500.0	508.8	
132 Naphthalene	128	13.895	13.888	0.007	99	4557185	500.0	500.4	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	2690393	500.0	436.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	914.1	
S 135 Xylenes, Total	100				0		1000.0	1018.7	
S 136 Total BTEX	1				0		2500.0	2498.9	

Reagents:

ACROLEIN W_00037	Amount Added:	6.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	50.00	Units: uL	
GASES Li_00103	Amount Added:	50.00	Units: uL	
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

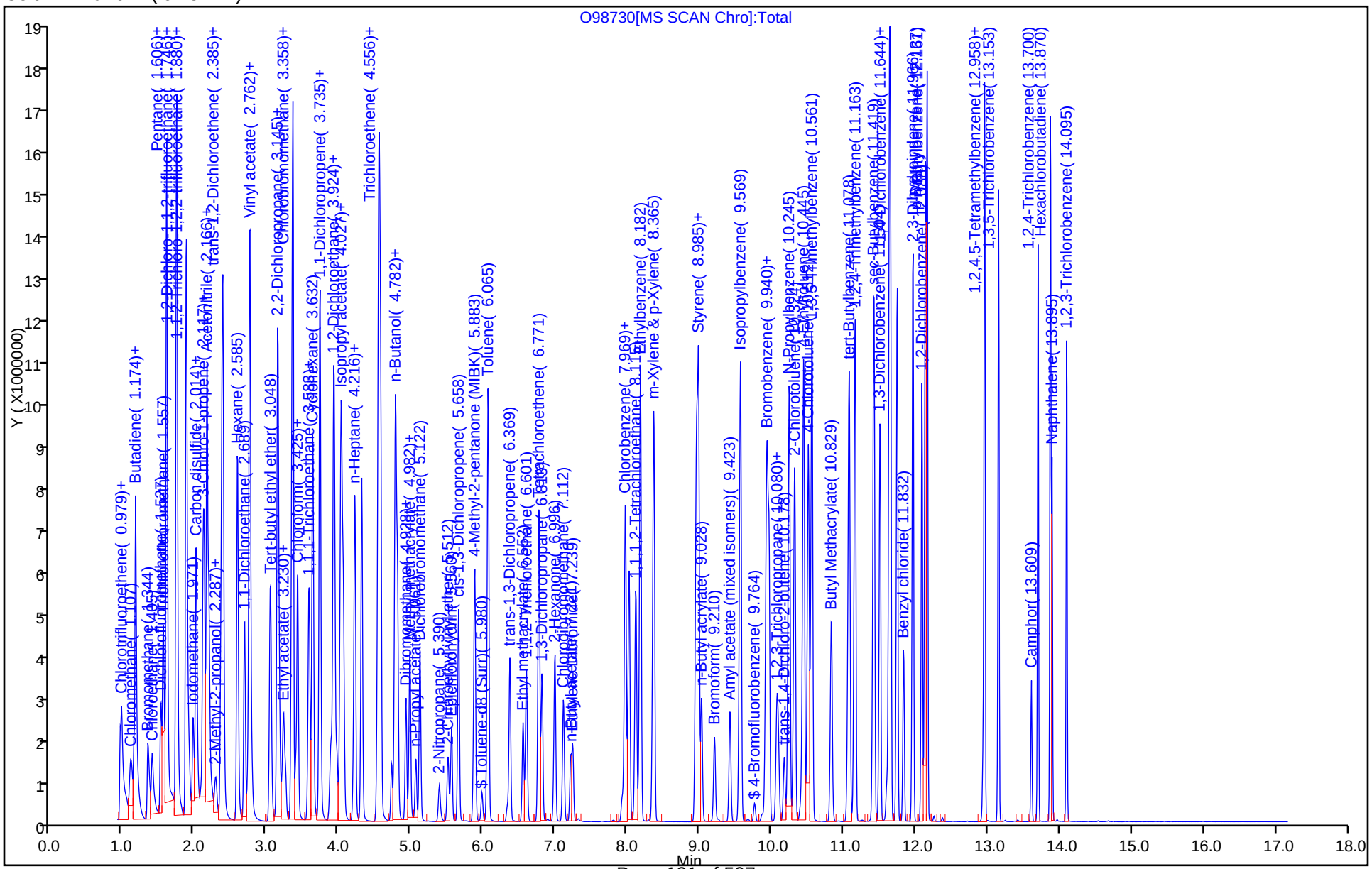
Report Date: 26-May-2015 20:54:19 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98730.D

Injection Date:	22-May-2015 08:29:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-May-2015 11:50:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0027689-013
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-May-2015 20:54:22 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: baronm Date: 26-May-2015 20:47:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	89	3100	5.00	4.55	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	27101	5.00	5.69	
3 Chloromethane	50	1.107	1.113	-0.006	100	21435	5.00	5.65	
4 Vinyl chloride	62	1.156	1.156	0.000	97	24834	5.00	5.73	
5 Butadiene	54	1.168	1.168	0.000	95	21772	5.00	5.52	
6 Bromomethane	94	1.338	1.344	-0.006	99	21966	5.00	8.55	
7 Chloroethane	64	1.399	1.405	-0.006	98	15843	5.00	5.59	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	34928	5.00	5.75	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	33965	5.00	5.73	
10 Pentane	72	1.606	1.606	0.000	96	7287	10.0	9.43	
11 Ethanol	46	1.679	1.667	0.012	87	3043	200.0	265.2	
12 Ethyl ether	59	1.734	1.733	0.001	95	12801	5.00	5.70	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	17467	5.00	5.37	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	16780	5.00	5.09	
15 Acrolein	56	1.807	1.806	0.001	96	21607	200.0	204.2	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	18627	5.00	5.35	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.879	0.001	96	22931	5.00	6.05	
18 Acetone	43	1.904	1.904	0.000	88	26268	25.0	43.1	
19 Iodomethane	142	1.971	1.971	0.000	97	8625	5.00	1.97	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	29	8171	50.0	58.4	
20 Carbon disulfide	76	2.013	2.013	0.000	99	73488	5.00	6.15	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	93	14350	5.00	8.23	
23 Methyl acetate	43	2.123	2.123	0.000	99	45143	25.0	24.1	
24 Acetonitrile	39	2.166	2.165	0.001	33	11333	50.0	43.4	
25 Cyclopentene	67	2.166	2.165	0.001	98	51972	5.00	5.24	
26 Methylene Chloride	84	2.190	2.190	0.000	89	18000	5.00	5.53	
* 27 TBA-d9 (IS)	65	2.220	2.220	0.000	98	199309	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	96	16020	50.0	68.1	
29 Acrylonitrile	53	2.354	2.354	0.000	95	38222	50.0	72.0	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	96	18991	5.00	5.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	97	37125	5.00	5.48	
32 Hexane	43	2.585	2.585	0.000	90	13195	5.00	4.46	
33 1,1-Dichloroethane	63	2.683	2.683	0.001	99	31092	5.00	5.31	
34 Allyl alcohol	57	2.725	2.725	0.000	34	3763	125.0	90.6	
35 Vinyl acetate	86	2.731	2.731	0.000	100	1761	10.0	10.7	
36 Isopropyl ether	45	2.750	2.749	0.001	94	29964	5.00	4.38	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	15869	5.00	4.92	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	88	26858	5.00	4.24	
* 157 2-Butanone-d5	46	3.109	3.108	0.001	100	141207	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.145	-0.006	76	6201	5.00	5.22	
39 cis-1,2-Dichloroethene	96	3.145	3.145	0.000	95	18031	5.00	5.23	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	97	6881	25.0	27.1	
42 Propionitrile	54	3.206	3.206	0.000	92	13112	50.0	48.3	
43 Ethyl acetate	43	3.224	3.224	0.000	99	12369	10.0	8.66	
44 Methyl acrylate	55	3.248	3.248	0.000	99	8545	5.00	5.25	
45 Methacrylonitrile	67	3.334	3.333	0.001	87	39718	50.0	52.9	
46 Chlorobromomethane	128	3.340	3.340	0.000	72	8163	5.00	6.21	
47 Tetrahydrofuran	71	3.388	3.388	0.000	78	2945	10.0	12.1	
48 Chloroform	83	3.413	3.419	-0.006	99	27106	5.00	5.32	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.552	0.001	99	126620	50.0	56.2	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	25153	5.00	5.11	
51 Cyclohexane	56	3.626	3.625	0.001	85	26703	5.00	5.12	
53 Carbon tetrachloride	117	3.729	3.723	0.006	97	22331	5.00	5.05	
52 1,1-Dichloropropene	75	3.723	3.729	-0.006	96	19206	5.00	4.83	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	112347	50.0	57.6	
55 Isobutyl alcohol	43	3.875	3.869	0.006	94	8800	125.0	122.6	
56 Benzene	78	3.918	3.917	0.001	95	54104	5.00	4.33	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	97	16107	5.00	5.27	
58 Isooctane	57	4.015	4.015	0.000	95	48744	5.00	4.75	
72 Isopropyl acetate	43	4.021	4.021	0.000	58	25616	5.00	4.49	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	22896	5.00	4.32	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	367226	50.0	50.0	
61 n-Heptane	71	4.210	4.209	0.001	100	16535	5.00	6.23	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	70543	10.0	9.56	
64 Trichloroethene	95	4.562	4.568	-0.006	92	14306	5.00	4.59	
63 n-Butanol	43	4.775	4.769	0.006	47	1269	125.0	84.8	M
65 Ethyl acrylate	55	4.769	4.769	0.000	73	17496	5.00	4.57	
66 Methylcyclohexane	83	4.775	4.769	0.006	92	23600	5.00	4.52	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	11668	5.00	4.52	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	85	20931	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	93	7287	5.00	5.36	
71 1,4-Dioxane	88	4.976	4.970	0.006	32	2594	100.0	98.9	
70 Methyl methacrylate	41	4.970	4.970	0.000	83	12323	10.0	10.3	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	8610	5.00	4.83	
74 Dichlorobromomethane	83	5.116	5.116	0.000	98	16777	5.00	4.86	
75 2-Nitropropane	41	5.384	5.378	0.006	97	4508	10.0	13.1	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	93	4579	5.00	4.46	
77 Epichlorohydrin	57	5.548	5.548	0.000	98	16262	100.0	95.1	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	90	16982	5.00	4.11	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	94	29645	25.0	22.3	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	431917	50.0	49.9	
81 Toluene	91	6.059	6.053	0.006	93	59972	5.00	4.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	95	13169	5.00	4.13	
83 Ethyl methacrylate	69	6.546	6.546	0.000	87	12538	5.00	5.41	
84 1,1,2-Trichloroethane	83	6.588	6.594	-0.006	93	6548	5.00	4.14	
85 Tetrachloroethene	166	6.765	6.765	0.000	95	17789	5.00	4.72	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	14054	5.00	4.29	
87 2-Hexanone	43	6.984	6.978	0.006	95	24171	25.0	24.4	
88 Chlorodibromomethane	129	7.105	7.105	0.000	96	10436	5.00	4.23	
89 n-Butyl acetate	43	7.203	7.209	-0.006	98	9257	5.00	5.43	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	8213	5.00	4.29	
* 91 Chlorobenzene-d5	117	7.921	7.920	0.001	84	326607	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	37240	5.00	4.78	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	10431	5.00	3.96	
94 Ethylbenzene	106	8.170	8.170	0.000	98	21198	5.00	4.61	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	96	25269	5.00	4.67	
96 o-Xylene	106	8.943	8.942	0.001	94	23482	5.00	4.55	
97 Styrene	104	8.973	8.973	0.000	97	41260	5.00	4.74	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	6405	5.00	4.67	
99 Bromoform	173	9.204	9.204	0.000	97	6893	5.00	4.23	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	10957	5.00	4.62	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	65478	5.00	4.67	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	153800	50.0	51.5	
103 Camphene	41	9.922	9.922	0.000	92	4446	5.00	4.35	
104 Bromobenzene	156	9.953	9.952	0.001	90	16625	5.00	4.79	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	95	9199	5.00	4.61	
106 1,2,3-Trichloropropane	110	10.080	10.086	-0.006	96	2969	5.00	4.78	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.159	0.000	95	3211	5.00	6.12	
108 N-Propylbenzene	91	10.226	10.226	0.000	100	75728	5.00	4.75	
109 2-Chlorotoluene	91	10.299	10.299	0.000	96	43146	5.00	4.81	
110 4-Ethyltoluene	105	10.421	10.427	-0.006	99	63100	5.00	4.65	
111 4-Chlorotoluene	91	10.494	10.488	0.006	96	44254	5.00	4.74	
112 1,3,5-Trimethylbenzene	105	10.543	10.542	0.001	94	46632	5.00	4.39	
113 Butyl Methacrylate	87	10.816	10.816	0.000	86	11726	5.00	4.68	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	48959	5.00	4.68	
115 1,2,4-Trimethylbenzene	105	11.145	11.139	0.006	97	50031	5.00	4.58	
116 sec-Butylbenzene	105	11.407	11.406	0.000	99	72927	5.00	4.77	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	98	32990	5.00	4.91	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	93	179364	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	33344	5.00	4.98	
120 4-Isopropyltoluene	119	11.632	11.638	-0.006	98	61452	5.00	4.62	
121 Benzyl chloride	91	11.820	11.826	-0.006	99	23668	5.00	5.02	
122 2,3-Dihydroindene	117	11.954	11.954	0.000	94	49570	5.00	4.66	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	28873	5.00	4.86	
124 p-Diethylbenzene	119	12.124	12.124	0.000	95	36781	5.00	4.64	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	68582	5.00	4.84	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	88	3030	5.00	5.51	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	98	54343	5.00	4.86	
133 1,3,5-Trichlorobenzene	180	13.146	13.146	0.000	97	30143	5.00	5.12	
129 Camphor	95	13.609	13.603	0.007	88	7631	25.0	40.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	28819	5.00	5.54	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	18346	5.00	4.97	
132 Naphthalene	128	13.889	13.888	0.001	99	52675	5.00	7.34	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	26411	5.00	5.85	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 135 Xylenes, Total	100				0		10.0	9.22	
S 136 Total BTEX	1				0		25.0	22.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00037	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	0.50	Units: uL		
GASES Li_00103	Amount Added:	0.50	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

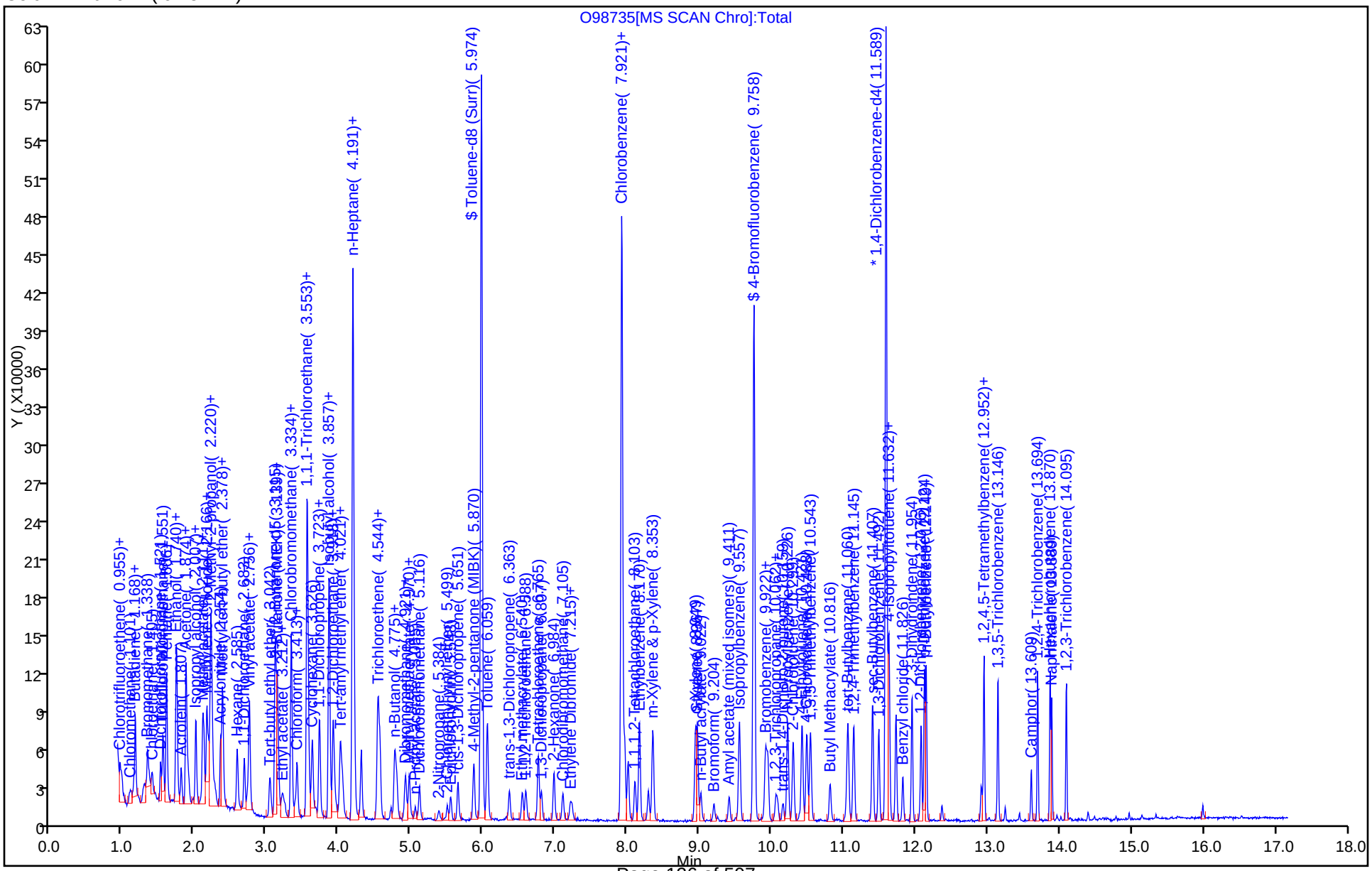
Report Date: 26-May-2015 20:54:23 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Injection Date:	22-May-2015 11:50:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	STD5			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

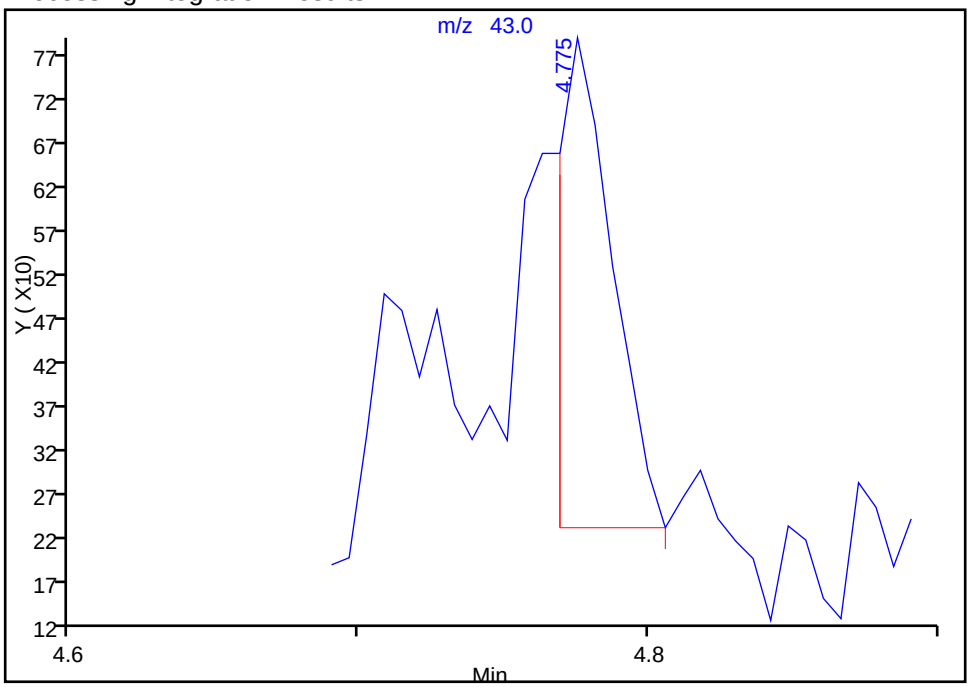
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D
Injection Date: 22-May-2015 11:50:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

63 n-Butanol, CAS: 71-36-3

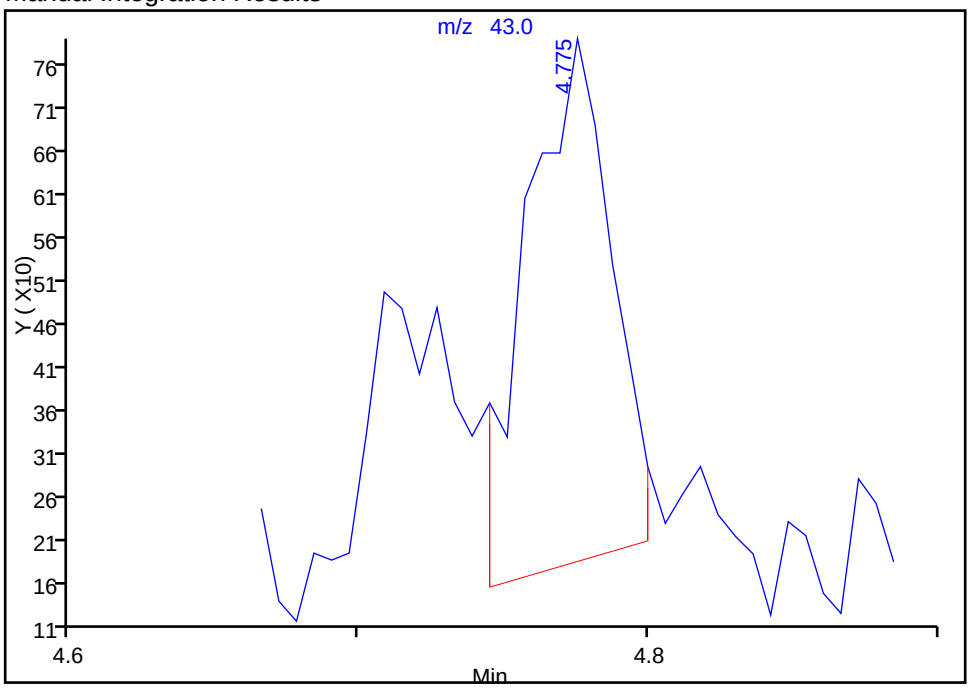
Processing Integration Results

RT: 4.78
Area: 722
Amount: 48.248011
Amount Units: ug/l



Manual Integration Results

RT: 4.78
Area: 1269
Amount: 84.784741
Amount Units: ug/l



Reviewer: tupayachia, 22-May-2015 12:40:11
Audit Action: Manually Integrated
Audit Reason: Baseline

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-298733/11	B82667.D
Level 2	STD1 460-298733/16	B82672.D
Level 3	STD5 460-298733/4	B82660.D
Level 4	STD20 460-298733/5	B82661.D
Level 5	STD50 460-298733/6	B82662.D
Level 6	STD200 460-298733/7	B82663.D
Level 7	STD500 460-298733/8	B82664.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0685	+++++ 0.0614	0.0757	0.0773	0.0597	Ave		0.0685				11.7		20.0			
Dichlorodifluoromethane	+++++ 0.4270	0.2478 0.4204	0.5064	0.4331	0.4011	QuaF		0.4276	-0.000014		0.1000				1.0000		0.9900
Chloromethane	+++++ 0.3735	0.3438 0.3373	0.4437	0.3452	0.3708	Ave		0.3690			0.1000	10.7		20.0			
Butadiene	+++++ 0.3436	0.3702 0.3289	0.4137	0.3213	0.3349	Ave		0.3521				9.8		20.0			
Vinyl chloride	+++++ 0.4196	0.4143 0.3951	0.4567	0.3689	0.4279	Ave		0.4138			0.1000	7.2		20.0			
Bromomethane	+++++ 0.3385	0.3059 0.3050	0.3794	0.3112	0.3421	Ave		0.3303			0.1000	8.8		20.0			
Chloroethane	+++++ 0.2288	0.2502 0.2109	0.2624	0.2192	0.2183	Ave		0.2316			0.1000	8.8		20.0			
Trichlorofluoromethane	+++++ 0.4820	0.6087 0.4706	0.5972	0.4226	0.4600	Ave		0.5068			0.1000	15.2		20.0			
Dichlorofluoromethane	+++++ 0.6321	0.6556 0.5786	0.7481	0.6001	0.6582	Ave		0.6455				9.2		20.0			
Pentane	+++++ 0.0352	0.0400 0.0354	0.0482	0.0449	0.0321	Ave		0.0393				15.9		20.0			
Ethyl ether	+++++ 0.2355	0.2219 0.2245	0.2810	0.2363	0.2335	Ave		0.2388				9.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2587	0.1870 0.2512	0.2831	0.2726	0.2559	Ave		0.2514				13.4		20.0			
Ethanol	+++++ 0.0447	+++++ 0.0411	0.0253	0.0352	0.0436	QuaF		0.0463	0						1.0000		0.9900
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2362	0.1567 0.2208	0.2603	0.2405	0.2306	Ave		0.2242				15.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	+++++ 0.4537	0.0746 0.4685	0.5579	0.5641	0.5146	QuaF		0.4823	-0.000039						0.9980		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2451	0.2537 0.2401	0.3387	0.2641	0.2269	Ave		0.2614			0.1000	15.3		20.0			
1,1-Dichloroethene	+++++ 0.2861	0.2334 0.2656	0.3441	0.2983	0.2686	Ave		0.2827			0.1000	13.2		20.0			
Acetone	+++++ 0.7757	0.8835 0.7845	0.9250	0.8232	0.8221	Ave		0.8357			0.0500	6.9		20.0			
Iodomethane	+++++ 0.4964	0.4565 0.4614	0.5455	0.5060	0.5055	Ave		0.4952				6.6		20.0			
Carbon disulfide	+++++ 1.0994	0.9275 0.9776	1.1416	1.1433	1.0765	Ave		1.0610			0.1000	8.4		20.0			
Isopropyl alcohol	+++++ 0.5765	0.4623 0.5099	0.3913	0.5379	0.5735	Ave		0.5086				14.1		20.0			
Allyl chloride	+++++ 0.1557	0.1576 0.1237	0.1939	0.1824	0.1526	Ave		0.1610				15.3		20.0			
Cyclopentene	+++++ 0.8014	0.5656 0.7485	0.8511	0.8254	0.7996	Ave		0.7653				13.5		20.0			
Methyl acetate	+++++ 0.2702	0.2404 0.2426	0.2702	0.2698	0.2608	Ave		0.2590			0.1000	5.4		20.0			
Acetonitrile	+++++ 0.0404	0.0324 0.0356	0.0455	0.0388	0.0411	Ave		0.0390				11.7		20.0			
Methylene Chloride	+++++ 0.3317	0.3643 0.3113	0.4191	0.3438	0.3380	Ave		0.3514			0.1000	10.6		20.0			
2-Methyl-2-propanol	+++++ 1.1811	1.7194 1.1530	1.2733	1.1489	1.1824	Ave		1.2763				17.4		20.0			
Methyl tert-butyl ether	+++++ 0.9537	0.8636 0.8611	1.1089	0.9524	0.9690	Ave		0.9515			0.1000	9.5		20.0			
trans-1,2-Dichloroethene	+++++ 0.3202	0.3997 0.2994	0.3467	0.3416	0.3154	Ave		0.3372			0.1000	10.5		20.0			
Acrylonitrile	0.0986 0.1148	0.0887 0.1033	0.1044	0.1127	0.1111	Ave		0.1048				8.7		20.0			
Hexane	+++++ 0.1197	0.1744 0.1200	0.1167	0.1409	0.1186	Ave		0.1317				17.3		20.0			
Isopropyl ether	+++++ 1.0157	1.0245 0.8879	1.1328	0.9860	1.0316	Ave		1.0131				7.8		20.0			
1,1-Dichloroethane	+++++ 0.6052	0.5484 0.5454	0.6139	0.6374	0.5885	Ave		0.5898			0.2000	6.2		20.0			
Vinyl acetate	+++++ 0.0111	0.0186 0.0114	0.0038	0.0106	0.0090	QuaF		0.0106	0.0000008						1.0000		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloro-1,3-butadiene	+++++ 0.2974	0.2399 0.2807	0.3317	0.2792	0.2921	Ave		0.2868				10.4		20.0			
Allyl alcohol	+++++ 0.1411	+++++ 0.1739	0.0569	0.1122	0.1524	QuaF		0.1226	0.0000041						1.0000		0.9900
Tert-butyl ethyl ether	+++++ 1.0307	0.9184 0.9053	1.1700	1.0323	1.0594	Ave		1.0194				9.6		20.0			
2,2-Dichloropropane	+++++ 0.2537	0.4931 0.2299	0.3413	0.2902	0.2636	QuaF		0.2699	-0.000080						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.3617	0.4574 0.3266	0.3936	0.3246	0.3603	Ave		0.3707			0.1000	13.4		20.0			
2-Butanone (MEK)	+++++ 0.3602	0.3652 0.3720	0.4734	0.3266	0.3364	Ave		0.3723			0.0500	14.1		20.0			
Ethyl acetate	+++++ 0.2865	+++++ 0.3240	0.3556	0.3266	0.2564	Ave		0.3098				12.5		20.0			
Methyl acrylate	+++++ 0.2659	0.2464 0.2576	0.2302	0.2243	0.2463	Ave		0.2451				6.4		20.0			
Propionitrile	+++++ 1.4262	0.9514 1.3819	1.5736	1.4471	1.4143	Ave		1.3657				15.6		20.0			
Tetrahydrofuran	+++++ 0.4216	0.3671 0.4446	0.5010	0.4849	0.4304	Ave		0.4416				10.9		20.0			
Chlorobromomethane	+++++ 0.1646	0.1574 0.1535	0.1588	0.1671	0.1613	Ave		0.1605				3.1		20.0			
Methacrylonitrile	+++++ 0.1333	0.1046 0.1241	0.1246	0.1224	0.1285	Ave		0.1229				8.0		20.0			
Chloroform	+++++ 0.5756	0.6465 0.5412	0.5764	0.5698	0.5656	Ave		0.5792			0.2000	6.1		20.0			
Cyclohexane	+++++ 0.3732	0.3402 0.3515	0.4535	0.4126	0.3330	Ave		0.3774			0.1000	12.5		20.0			
1,1,1-Trichloroethane	+++++ 0.4873	0.4175 0.4584	0.5025	0.5080	0.4782	Ave		0.4753			0.1000	7.0		20.0			
Carbon tetrachloride	+++++ 0.3908	0.3257 0.3700	0.3867	0.3926	0.3715	Ave		0.3729			0.1000	6.7		20.0			
1,1-Dichloropropene	+++++ 0.3930	0.3187 0.3744	0.4114	0.3782	0.3696	Ave		0.3742				8.3		20.0			
2,2,4-Trimethylpentane	+++++ 0.4015	0.6804 0.4211	0.4940	0.4890	0.4343	QuaF		0.3966	0.0000485						1.0000		0.9900
Benzene	+++++ 1.4462	1.3772 1.3466	1.4563	1.4771	1.3974	Ave		1.4168			0.5000	3.6		20.0			
Isobutyl alcohol	+++++ 0.4948	0.3320 0.5031	0.4918	0.4884	0.5045	Ave		0.4691				14.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-amyl methyl ether	+++++ 1.1602	0.9793 1.0463	1.2374	1.1116	1.1524	Ave		1.1145				8.2		20.0			
Isopropyl acetate	+++++ 0.3013	0.2368 0.2869	0.2937	0.2916	0.2846	Ave		0.2825				8.2		20.0			
1,2-Dichloroethane	+++++ 0.4655	0.5060 0.4441	0.5464	0.4628	0.4321	Ave		0.4762			0.1000	8.9		20.0			
n-Heptane	+++++ 0.0797	0.1047 0.0817	0.1084	0.0915	0.0866	Ave		0.0921				13.0		20.0			
2,4,4-Trimethyl-1-pentene	+++++ 0.4111	0.4668 0.4005	0.4507	0.4678	0.3766	Ave		0.4289				8.9		20.0			
Trichloroethene	+++++ 0.3320	0.2613 0.3089	0.3185	0.3348	0.3050	Ave		0.3101			0.2000	8.6		20.0			
n-Butanol	+++++ 0.2566	0.0707 0.2710	0.2274	0.2098	0.2185	QuaF		0.2419	0.0000023						1.0000		0.9900
Methylcyclohexane	+++++ 0.2925	0.3365 0.2839	0.3732	0.3283	0.2777	Ave		0.3153			0.1000	11.8		20.0			
Ethyl acrylate	+++++ 0.4126	0.3881 0.3951	0.3080	0.3518	0.3745	Ave		0.3717				10.0		20.0			
1,2-Dichloropropane	+++++ 0.3356	0.2717 0.3232	0.3524	0.3393	0.3190	Ave		0.3235			0.1000	8.7		20.0			
Dibromomethane	+++++ 0.1972	0.2084 0.1939	0.2041	0.2053	0.1846	Ave		0.1989				4.4		20.0			
1,4-Dioxane	+++++ 1.1536	0.8426 0.9630	1.3628	1.1420	1.0512	Ave		1.0859				16.5		20.0			
Methyl methacrylate	+++++ 0.0805	0.1277 0.0806	0.0727	0.0740	0.0696	QuaF		0.0788	0.0000019						1.0000		0.9900
n-Propyl acetate	+++++ 0.4402	0.4401 0.4293	0.3955	0.3625	0.4000	Ave		0.4113				7.5		20.0			
Dichlorobromomethane	+++++ 0.4563	0.4936 0.4427	0.4708	0.4407	0.4319	Ave		0.4560			0.2000	5.0		20.0			
2-Nitropropane	+++++ 0.0816	0.1034 0.0863	0.0716	0.0800	0.0760	Ave		0.0832				13.4		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2120	0.1837 0.2050	0.2124	0.1969	0.1899	Ave		0.2000				5.9		20.0			
Epichlorohydrin	0.2058 0.3141	0.3461 0.3243	0.3594	0.3130	0.3168	Ave		0.3113				16.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.5773	0.4824 0.5877	0.5708	0.5916	0.5727	Ave		0.5638			0.2000	7.2		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 3.4098	3.8541 3.1805	3.7651	3.4827	3.5172	Ave		3.5349			0.0500	6.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	+++++ 1.4221	1.4630 1.3399	1.5045	1.4474	1.3613	Ave		1.4230			0.4000	4.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5150	0.3901 0.5167	0.4462	0.4982	0.4870	Ave		0.4755			0.1000	10.3		20.0			
Ethyl methacrylate	+++++ 0.4974	0.3410 0.4989	0.4342	0.4610	0.4746	Ave		0.4512				13.1		20.0			
1,1,2-Trichloroethane	+++++ 0.2882	0.2970 0.2873	0.2875	0.2631	0.2632	Ave		0.2810			0.1000	5.1		20.0			
Tetrachloroethene	+++++ 0.2954	0.2585 0.3079	0.3002	0.3170	0.2821	Ave		0.2935			0.2000	7.1		20.0			
1,3-Dichloropropane	+++++ 0.5523	0.6006 0.5568	0.5914	0.5329	0.5404	Ave		0.5624				4.9		20.0			
2-Hexanone	+++++ 2.2980	1.7289 2.1786	2.4292	2.2586	2.3225	Ave		2.2026			0.0500	11.2		20.0			
Chlorodibromomethane	+++++ 0.3428	0.3138 0.3450	0.3232	0.3289	0.3289	Ave		0.3304			0.1000	3.6		20.0			
n-Butyl acetate	+++++ 0.0904	0.0992 0.0909	0.0678	0.0844	0.0825	Ave		0.0859				12.4		20.0			
Ethylene Dibromide	+++++ 0.3106	0.2669 0.3094	0.3339	0.3270	0.2959	Ave		0.3073			0.1000	7.8		20.0			
Chlorobenzene	+++++ 0.9122	0.8298 0.8906	0.9670	0.9790	0.9006	Ave		0.9132			0.5000	6.0		20.0			
Ethylbenzene	+++++ 0.5096	0.5318 0.5114	0.5544	0.5230	0.4906	Ave		0.5201			0.1000	4.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3473	0.4177 0.3461	0.3644	0.3229	0.3235	Ave		0.3536				9.9		20.0			
m-Xylene & p-Xylene	+++++ 0.6148	0.5301 0.5963	0.6340	0.6227	0.5999	Ave		0.5996			0.1000	6.1		20.0			
o-Xylene	+++++ 0.6573	0.6114 0.6292	0.6410	0.6492	0.6304	Ave		0.6364			0.3000	2.6		20.0			
n-Butyl acrylate	+++++ 0.3524	0.3451 0.3567	0.3218	0.3115	0.3387	Ave		0.3377				5.2		20.0			
Styrene	+++++ 1.1001	0.9112 1.0300	1.0795	1.1242	1.0609	Ave		1.0510			0.3000	7.2		20.0			
Bromoform	+++++ 0.2226	0.1732 0.2345	0.1993	0.2059	0.2001	Ave		0.2059			0.1000	10.3		20.0			
Amyl acetate (mixed isomers)	+++++ 1.4360	1.1485 1.3826	1.3267	1.3553	1.3984	Ave		1.3413				7.6		20.0			
Isopropylbenzene	+++++ 1.3588	1.2995 1.2009	1.5165	1.4337	1.3365	Ave		1.3577			0.1000	8.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Camphene	+++++ 0.0727	0.1487 0.0768	0.0832	0.0754	0.0652	QuaF		0.0693	0.0000152						1.0000		0.9900
Bromobenzene	+++++ 0.6891	0.7607 0.7106	0.7194	0.7137	0.6893	Ave		0.7138				3.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.8008	0.7243 0.8401	0.8460	0.7983	0.7920	Ave		0.8003			0.3000	5.5		20.0			
N-Propylbenzene	+++++ 2.7562	2.6741 2.4105	3.0601	3.0673	2.8988	Ave		2.8112				9.0		20.0			
1,2,3-Trichloropropane	+++++ 0.2189	0.2708 0.2304	0.2482	0.2230	0.2238	Ave		0.2358				8.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2433	0.2525 0.2477	0.2781	0.2445	0.2099	Ave		0.2460				8.9		20.0			
2-Chlorotoluene	+++++ 2.1673	2.0459 2.0585	2.4625	2.2858	2.2572	Ave		2.2129				7.1		20.0			
4-Ethyltoluene	+++++ 2.3172	2.3937 2.1452	2.6542	2.5104	2.4486	Ave		2.4116				7.2		20.0			
1,3,5-Trimethylbenzene	+++++ 1.9629	2.2340 1.8646	2.4173	2.0534	2.0111	Ave		2.0905				9.6		20.0			
4-Chlorotoluene	+++++ 2.0418	2.6290 1.9264	2.4101	2.1527	2.0775	Ave		2.2063				11.9		20.0			
Butyl Methacrylate	+++++ 1.0338	0.7629 1.0411	0.9238	1.0632	1.0074	Ave		0.9720				11.7		20.0			
tert-Butylbenzene	+++++ 1.4448	1.2365 1.4480	1.6514	1.4304	1.4458	Ave		1.4428				9.1		20.0			
1,2,4-Trimethylbenzene	+++++ 2.1257	1.8955 1.9678	2.3072	2.2455	2.2091	Ave		2.1251				7.7		20.0			
sec-Butylbenzene	+++++ 1.9869	2.2778 1.8934	2.1430	2.1506	2.0855	Ave		2.0895				6.5		20.0			
1,3-Dichlorobenzene	+++++ 1.2371	1.2690 1.2170	1.4916	1.2520	1.2770	Ave		1.2906			0.6000	7.8		20.0			
4-Isopropyltoluene	+++++ 1.7222	1.7674 1.6953	2.1152	1.8561	1.7752	Ave		1.8219				8.4		20.0			
1,4-Dichlorobenzene	+++++ 1.2491	1.3949 1.2280	1.3678	1.2674	1.2715	Ave		1.2964			0.5000	5.3		20.0			
Benzyl chloride	+++++ 1.3982	1.1837 1.3458	1.1928	1.3282	1.3940	Ave		1.3071				7.3		20.0			
Indan	+++++ 2.4193	2.6818 2.1329	2.7877	2.6207	2.5120	Ave		2.5257				9.2		20.0			
p-Diethylbenzene	+++++ 0.9820	1.1219 1.0126	1.2118	1.0973	1.0112	Ave		1.0728				8.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 1.8298	2.0555 1.8386	2.2340	2.2444	2.0148	Ave		2.0362				8.9		20.0			
1,2-Dichlorobenzene	+++++ 1.2401	1.2103 1.2318	1.3502	1.3432	1.2494	Ave		1.2708			0.4000	4.7		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.7152	1.9459 1.6196	1.8673	1.8744	1.8050	Ave		1.8046				6.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1651	0.1418 0.1681	0.2124	0.1352	0.1528	Ave		0.1626			0.0500	16.9		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6798	0.7688 0.6923	0.8146	0.7779	0.7428	Ave		0.7460				7.0		20.0			
Camphor	+++++ 0.1011	0.0819 0.1149	0.0883	0.0814	0.0897	Ave		0.0929				13.9		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6468	0.6926 0.6669	0.6844	0.6495	0.6872	Ave		0.6713			0.2000	3.0		20.0			
Hexachlorobutadiene	+++++ 0.2081	0.3684 0.2464	0.3194	0.2463	0.2695	QuaF		0.1952	0.0001017						0.9990		0.9900
Naphthalene	+++++ 1.7977	1.9496 1.7273	1.5600	1.6623	1.8452	Ave		1.7570				7.9		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4700	0.6431 0.4937	0.5213	0.4574	0.4962	Ave		0.5136				13.1		20.0			
Dibromofluoromethane (Surr)	0.2435 0.2631	0.2490 0.2464	0.2465	0.2508	0.2674	Ave		0.2524				3.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3251 0.3331	0.3530 0.3479	0.3399	0.3205	0.3381	Ave		0.3368				3.5		20.0			
Toluene-d8 (Surr)	1.0940 1.0943	1.0914 1.1078	1.1010	1.1008	1.1068	Ave		1.0994				0.6		20.0			
4-Bromofluorobenzene	0.3536 0.3382	0.3584 0.3581	0.3553	0.3559	0.3584	Ave		0.3540				2.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-298733/11	B82667.D
Level 2	STD1 460-298733/16	B82672.D
Level 3	STD5 460-298733/4	B82660.D
Level 4	STD20 460-298733/5	B82661.D
Level 5	STD50 460-298733/6	B82662.D
Level 6	STD200 460-298733/7	B82663.D
Level 7	STD500 460-298733/8	B82664.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 132186	+++++ 337035	3288	13674	26357	+++++ 200	+++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	QuaF	+++++ 824236	2295 2308208	21995	76631	177018	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 720926	3184 1851662	19271	61077	163610	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 663178	3429 1805811	17968	56859	147766	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 810047	3837 2169353	19839	65285	188831	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 653413	2833 1674608	16481	55067	150954	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 441699	2317 1157964	11398	38796	96346	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 930374	5637 2583536	25940	74785	202974	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1220255	6072 3176521	32497	106188	290465	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 135744	740 388889	4186	15873	28355	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 454636	2055 1232835	12205	41810	103055	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 499348	1732 1379095	12295	48241	112923	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	QuaF	+++++ 105728	+++++ 269809	1205	6826	23129	+++++ 8000	+++++ 20000	200	800	2000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 456021	1451 1212138	11306	42554	101745	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	QuaF	+++++ 26858	80 61462	2658	5475	13656	+++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 473154	2350 1318118	14713	46739	100114	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 552229	2162 1458335	14945	52790	118516	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 721475	3532 1966153	16363	63908	161204	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 958293	4228 2533125	23694	89544	223089	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2122281	8590 5367455	49587	202303	475042	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 341279	1240 836242	4661	26104	76090	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 300637	1460 679024	8423	32271	67325	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1547083	5238 4109788	36970	146057	352856	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 2608395	11132 6659172	58679	238676	575336	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	FB	Ave	+++++ 779023	3002 1953168	19770	68657	181226	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 640261	3374 1709095	18203	60838	149170	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 699163	4612 1890689	15165	55751	156890	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1840952	7998 4727894	48168	168533	427597	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 618018	3702 1643800	15061	60445	139203	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1933 2215675	8216 5669766	45332	199346	490385	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 231027	1615 659105	5069	24926	52348	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1960571	9488 4875034	49205	174475	455211	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1168272	5079 2994550	26664	112791	259682	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	QuaF	+++++ 42817	344 124833	334	3751	7932	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 574000	2222 1541023	14408	49396	128890	+++++ 200	1.00 500	5.00	20.0	50.0
Allyl alcohol	TBA	QuaF	+++++ 208751	+++++ 712916	1694	13606	50537	+++++ 5000	+++++ 12500	125	500	1250

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-butyl ethyl ether	FB	Ave	+++++ 1989529	8506 4970644	50821	182670	467487	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	QuaF	+++++ 489651	4567 1262108	14825	51342	116338	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 698190	4236 1793156	17097	57433	158990	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 335023	1460 932438	8374	25352	65956	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	+++++ 106592	+++++ 324810	2516	10142	20113	+++++ 400	+++++ 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 513200	2282 1414115	10001	39692	108670	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 844214	2552 2266049	18742	70225	187657	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 156858	587 445767	3545	15057	33756	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 317726	1458 842976	6899	29572	71171	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2572753	9690 6813292	54103	216647	567181	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1111157	5987 2971561	25035	100818	249598	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 720439	3151 1930115	19698	73011	146962	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 940605	3867 2516833	21829	89892	211033	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 754325	3016 2031668	16799	69472	163941	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 758590	2952 2055720	17868	66930	163093	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	QuaF	+++++ 774947	6301 2312298	21456	86527	191631	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 2494419	11671 6359685	56174	229896	551778	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 732190	2226 2062480	14643	59251	167354	+++++ 5000	25.0 12500	125	500	1250
Tert-amyl methyl ether	FB	Ave	+++++ 2239543	9070 5744805	53749	196704	508532	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 581556	2193 1575293	12759	51602	125608	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 898561	4686 2438408	23732	81900	190692	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Heptane	FB	Ave	+++++ 153913	970 448642	4707	16188	38204	+++++ 200	1.00 500	5.00	20.0	50.0
2,4,4-Trimethyl-1-pentene	FB	Ave	+++++ 1586992	8646 4397385	39154	165537	332339	+++++ 400	2.00 1000	10.0	40.0	100
Trichloroethene	FB	Ave	+++++ 640855	2420 1696008	13834	59248	134613	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA	QuaF	+++++ 379733	474 1110923	6772	25456	72483	+++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	Ave	+++++ 564547	3116 1558715	16210	58090	122526	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 796453	3594 2169140	13377	62248	165255	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 647822	2516 1774697	15306	60040	140749	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 380579	1930 1064637	8867	36336	81464	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 136051	1161 360901	3223	11804	30925	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	QuaF	+++++ 310745	2366 885462	6314	26193	61468	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 849803	4076 2357229	17180	64148	176497	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 880870	4571 2430450	20450	77979	190587	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 315118	1915 947743	6217	28309	67103	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 409295	1701 1125273	9225	34843	83782	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	887 1168517	5534 3250836	25433	97181	248478	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 995690	4088 2775759	22016	92083	226142	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 3171493	15408 7971454	66602	270366	689677	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 2452919	12398 6327881	58030	225268	537529	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 888220	3306 2440407	17210	77542	192307	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 857907	2890 2356190	16747	71753	187406	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 497128	2517 1356622	11089	40951	103930	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 509553	2191 1454320	11579	49336	111399	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 952549	5090 2629850	22811	82947	213402	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2137391	6912 5460258	42972	175335	455405	+++++ 1000	5.00 2500	25.0	100	250
Chlorodibromomethane	CBZ	Ave	+++++ 591219	2659 1629322	12468	51191	129872	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 155838	841 429328	2616	13139	32576	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	+++++ 535673	2262 1461127	12880	50896	116860	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1573378	7032 4206249	37301	152374	355623	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 878904	4507 2415248	21386	81397	193716	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 598950	3540 1634716	14055	50259	127736	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1060471	4492 2816063	24455	96923	236903	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1133652	5181 2971356	24725	101043	248910	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 607806	2925 1684615	12414	48482	133724	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1897548	7722 4864397	41639	174965	418906	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 383864	1468 1107664	7686	32051	78998	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1402164	5263 3552413	29238	120093	306628	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2343749	11013 5671607	58494	223141	527739	+++++ 200	1.00 500	5.00	20.0	50.0
Camphene	CBZ	QuaF	+++++ 125316	1260 362934	3209	11738	25748	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 672889	3486 1825747	15853	63240	151129	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 781921	3319 2158662	18643	70739	173668	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 2691212	12254 6193477	67437	271788	635597	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 213706	1241 592060	5470	19759	49064	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 237529	1157 636392	6129	21664	46032	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2116158	9375 5289167	54267	202540	494925	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2262517	10969 5511903	58493	222439	536901	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1916547	10237 4790895	53272	181949	440957	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1993598	12047 4949740	53113	190750	455531	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 1009450	3496 2675084	20358	94209	220886	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1410742	5666 3720471	36393	126748	317009	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2075559	8686 5055957	50846	198972	484380	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 1939985	10438 4864831	47226	190559	457280	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1207934	5815 3126876	32872	110941	279995	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1681541	8099 4355828	46613	164461	389239	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1219617	6392 3155210	30142	112300	278805	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1365197	5424 3457892	26286	117691	305666	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 2362259	12289 5480421	61433	232215	550787	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 958867	5141 2601807	26704	97230	221725	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1786621	9419 4724075	49231	198869	441772	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1210876	5546 3165064	29754	119022	273944	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 1674765	8917 4161391	41150	166086	395781	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 161160	650 431976	4680	11984	33504	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 663729	3523 1778866	17952	68931	162875	+++++ 200	1.00 500	5.00	20.0	50.0
Camphor	DCB	Ave	+++++ 493720	1877 1475941	9728	36054	98347	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 298733

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/15/2015 02:28 Calibration End Date: 05/15/2015 07:25 Calibration ID: 49964

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 631578	3174 1713616	15083	57553	150688	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	QuaF	+++++ 203177	1688 633136	7039	21827	59083	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1755303	8934 4438257	34379	147289	404591	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 458883	2947 1268418	11489	40526	108800	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	119355 126949	115309 135285	107063	110961	118015	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159344 160737	163458 191000	147630	141769	149214	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	457693 471887	462442 523178	424691	428324	437042	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBZ	Ave	147953 145839	151886 169110	137042	138471	141507	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 15-May-2015 02:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0027416-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:30 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:08:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.008	22	3288	5.00	5.52	
2 Dichlorodifluoromethane	85	1.093	1.117	-0.024	81	21995	5.00	5.92	
3 Chloromethane	50	1.216	1.224	-0.008	96	19271	5.00	6.01	
5 Butadiene	54	1.307	1.307	0.000	88	17968	5.00	5.87	
4 Vinyl chloride	62	1.307	1.315	-0.008	96	19839	5.00	5.52	
6 Bromomethane	94	1.537	1.545	-0.008	96	16481	5.00	5.74	
7 Chloroethane	64	1.595	1.603	-0.008	75	11398	5.00	5.66	
10 Trichlorofluoromethane	101	1.768	1.767	0.001	63	25940	5.00	5.89	
9 Dichlorofluoromethane	67	1.768	1.784	-0.016	96	32497	5.00	5.80	
8 Pentane	72	1.784	1.800	-0.016	89	4186	10.0	12.3	
11 Ethyl ether	59	1.982	1.981	0.001	75	12205	5.00	5.88	
13 2-Methyl-1,3-butadiene	53	1.990	1.998	-0.008	81	12295	5.00	5.63	
12 Ethanol	46	2.039	2.006	0.033	1	1205	200.0	109.3	
14 1,2-Dichloro-1,1,2-trifluo	117	2.056	2.047	0.009	88	11306	5.00	5.81	
15 Acrolein	56	2.146	2.146	0.000	32	2658	20.0	23.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.146	2.154	-0.008	59	14713	5.00	6.48	
17 1,1-Dichloroethene	96	2.154	2.163	-0.008	97	14945	5.00	6.09	
18 Acetone	43	2.261	2.269	-0.008	63	16363	25.0	27.7	
19 Iodomethane	142	2.302	2.302	0.000	96	23694	5.00	5.51	
20 Carbon disulfide	76	2.319	2.327	-0.008	99	49587	5.00	5.38	
21 Isopropyl alcohol	45	2.401	2.376	0.025	1	4661	50.0	38.5	
22 3-Chloro-1-propene	76	2.467	2.483	-0.016	39	8423	5.00	6.02	
23 Cyclopentene	67	2.484	2.483	0.001	82	36970	5.00	5.56	
24 Methyl acetate	43	2.492	2.500	-0.008	98	58679	25.0	26.1	
25 Acetonitrile	41	2.558	2.558	0.000	33	19770	50.0	58.4	
26 Methylene Chloride	84	2.599	2.607	-0.008	88	18203	5.00	5.96	
* 27 TBA-d9 (IS)	65	2.640	2.632	0.008	85	238208	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.706	2.714	-0.008	57	15165	50.0	49.9	
29 Methyl tert-butyl ether	73	2.772	2.780	-0.008	95	48168	5.00	5.83	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	92	15061	5.00	5.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.879	2.878	0.001	95	45332	50.0	49.8	
32 Hexane	43	2.944	2.953	-0.009	86	5069	5.00	4.43	
34 Isopropyl ether	45	3.183	3.199	-0.016	90	49205	5.00	5.59	
33 1,1-Dichloroethane	63	3.200	3.199	0.001	96	26664	5.00	5.20	
36 Vinyl acetate	86	3.241	3.241	0.000	1	334	10.0	3.62	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	89	14408	5.00	5.78	
37 Allyl alcohol	57	3.348	3.298	0.050	1	1694	125.0	57.9	
38 Tert-butyl ethyl ether	59	3.520	3.537	-0.017	89	50821	5.00	5.74	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	49	14825	5.00	6.33	
* 158 2-Butanone-d5	46	3.734	3.743	-0.009	99	176895	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.759	3.767	-0.008	97	17097	5.00	5.31	
41 2-Butanone (MEK)	72	3.784	3.792	-0.008	99	8374	25.0	31.8	
42 Ethyl acetate	70	3.817	3.825	-0.008	92	2516	10.0	11.5	
43 Methyl acrylate	55	3.858	3.866	-0.008	42	10001	5.00	4.70	
44 Propionitrile	54	3.948	3.940	0.008	95	18742	50.0	57.6	
46 Tetrahydrofuran	72	3.998	3.998	0.000	62	3545	10.0	11.3	
45 Chlorobromomethane	128	4.006	4.014	-0.008	87	6899	5.00	4.95	
47 Methacrylonitrile	67	4.047	4.047	0.000	90	54103	50.0	50.7	
48 Chloroform	83	4.080	4.088	-0.008	96	25035	5.00	4.98	
49 Cyclohexane	84	4.195	4.187	0.008	72	19698	5.00	6.01	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	77	21829	5.00	5.29	M
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	95	107063	50.0	48.8	
52 Carbon tetrachloride	117	4.343	4.352	-0.009	88	16799	5.00	5.19	
53 1,1-Dichloropropene	75	4.376	4.393	-0.017	95	17868	5.00	5.50	
54 Isooctane	57	4.590	4.599	-0.008	91	21456	5.00	6.22	
55 Benzene	78	4.607	4.607	0.000	95	56174	5.00	5.14	
56 Isobutyl alcohol	43	4.615	4.631	-0.016	44	14643	125.0	131.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	97	147630	50.0	50.5	
58 Tert-amyl methyl ether	73	4.706	4.714	-0.008	96	53749	5.00	5.55	
59 Isopropyl acetate	87	4.730	4.722	0.008	70	12759	5.00	5.20	
60 1,2-Dichloroethane	62	4.722	4.730	-0.008	77	23732	5.00	5.74	
61 n-Heptane	57	4.837	4.837	0.000	44	4707	5.00	5.88	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	434365	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	94	39154	10.0	10.5	
64 Trichloroethene	95	5.364	5.364	0.000	96	13834	5.00	5.14	
65 n-Butanol	56	5.422	5.421	0.001	64	6772	125.0	117.4	
66 Methylcyclohexane	83	5.504	5.496	0.008	95	16210	5.00	5.92	
67 Ethyl acrylate	55	5.570	5.578	-0.008	55	13377	5.00	4.14	
68 1,2-Dichloropropane	63	5.701	5.710	-0.009	87	15306	5.00	5.45	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	87	23650	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	53	8867	5.00	5.13	
72 Methyl methacrylate	100	5.874	5.866	0.008	88	6314	10.0	9.23	
71 1,4-Dioxane	88	5.882	5.866	0.016	3	3223	100.0	125.5	
73 n-Propyl acetate	43	5.948	5.948	0.000	62	17180	5.00	4.81	
74 Dichlorobromomethane	83	6.072	6.072	0.000	97	20450	5.00	5.16	
75 2-Nitropropane	41	6.483	6.491	-0.008	90	6217	10.0	8.61	
76 2-Chloroethyl vinyl ether	63	6.533	6.532	0.001	88	9225	5.00	5.31	
77 Epichlorohydrin	57	6.631	6.623	0.008	95	25433	100.0	115.4	
78 cis-1,3-Dichloropropene	75	6.681	6.689	-0.008	93	22016	5.00	5.06	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	94	66602	25.0	26.6	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	100	424691	50.0	50.1	
81 Toluene	91	7.026	7.026	0.000	95	58030	5.00	5.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	95	17210	5.00	4.69	
83 Ethyl methacrylate	69	7.487	7.487	0.000	88	16747	5.00	4.81	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	87	11089	5.00	5.11	
85 Tetrachloroethene	166	7.627	7.627	0.000	86	11579	5.00	5.11	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	88	22811	5.00	5.26	
87 2-Hexanone	43	7.890	7.890	0.000	99	42972	25.0	27.6	
88 Chlorodibromomethane	129	7.997	7.997	0.000	78	12468	5.00	4.89	
89 n-Butyl acetate	73	8.006	8.014	-0.008	99	2616	5.00	3.95	
90 Ethylene Dibromide	107	8.113	8.113	0.000	89	12880	5.00	5.43	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	88	385722	50.0	50.0	
92 Chlorobenzene	112	8.582	8.590	-0.008	91	37301	5.00	5.29	
93 Ethylbenzene	106	8.672	8.672	0.000	98	21386	5.00	5.33	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	91	14055	5.00	5.15	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	96	24455	5.00	5.29	
96 o-Xylene	106	9.166	9.166	0.000	92	24725	5.00	5.04	
97 n-Butyl acrylate	73	9.182	9.182	0.000	99	12414	5.00	4.77	
98 Styrene	104	9.199	9.199	0.000	94	41639	5.00	5.14	
99 Bromoform	173	9.380	9.380	0.000	53	7686	5.00	4.84	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	89	29238	5.00	4.95	
101 Isopropylbenzene	105	9.495	9.495	0.000	94	58494	5.00	5.58	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	137042	50.0	50.2	
103 Camphene	41	9.676	9.676	0.000	89	3209	5.00	6.00	
104 Bromobenzene	156	9.783	9.783	0.000	95	15853	5.00	5.04	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	75	18643	5.00	5.29	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	67437	5.00	5.44	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	92	5470	5.00	5.26	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	63	6129	5.00	5.65	
109 2-Chlorotoluene	91	9.940	9.948	-0.008	95	54267	5.00	5.56	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	58493	5.00	5.50	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	89	53272	5.00	5.78	
112 4-Chlorotoluene	91	10.047	10.047	0.000	97	53113	5.00	5.46	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	20358	5.00	4.75	
114 tert-Butylbenzene	119	10.269	10.269	0.000	95	36393	5.00	5.72	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	97	50846	5.00	5.43	
116 sec-Butylbenzene	105	10.450	10.458	-0.008	98	47226	5.00	5.13	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	84	32872	5.00	5.78	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	95	46613	5.00	5.80	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	220375	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	92	30142	5.00	5.28	
121 Benzyl chloride	91	10.779	10.779	0.000	96	26286	5.00	4.56	
122 2,3-Dihydroindene	117	10.828	10.837	-0.009	94	61433	5.00	5.52	
123 p-Diethylbenzene	119	10.886	10.886	0.000	93	26704	5.00	5.65	
124 n-Butylbenzene	91	10.903	10.902	0.000	97	49231	5.00	5.49	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	93	29754	5.00	5.31	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	41150	5.00	5.17	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	75	4680	5.00	6.53	
128 1,3,5-Trichlorobenzene	180	11.693	11.701	-0.008	92	17952	5.00	5.46	
129 Camphor	95	12.121	12.112	0.008	88	9728	25.0	23.8	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	85	15083	5.00	5.10	
131 Hexachlorobutadiene	225	12.269	12.277	-0.008	82	7039	5.00	8.15	
132 Naphthalene	128	12.400	12.392	0.008	98	34379	5.00	4.44	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	87	11489	5.00	5.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		10.0	10.5	
S 135 Xylenes, Total	100				0		10.0	10.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
GAS Hi_00097	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

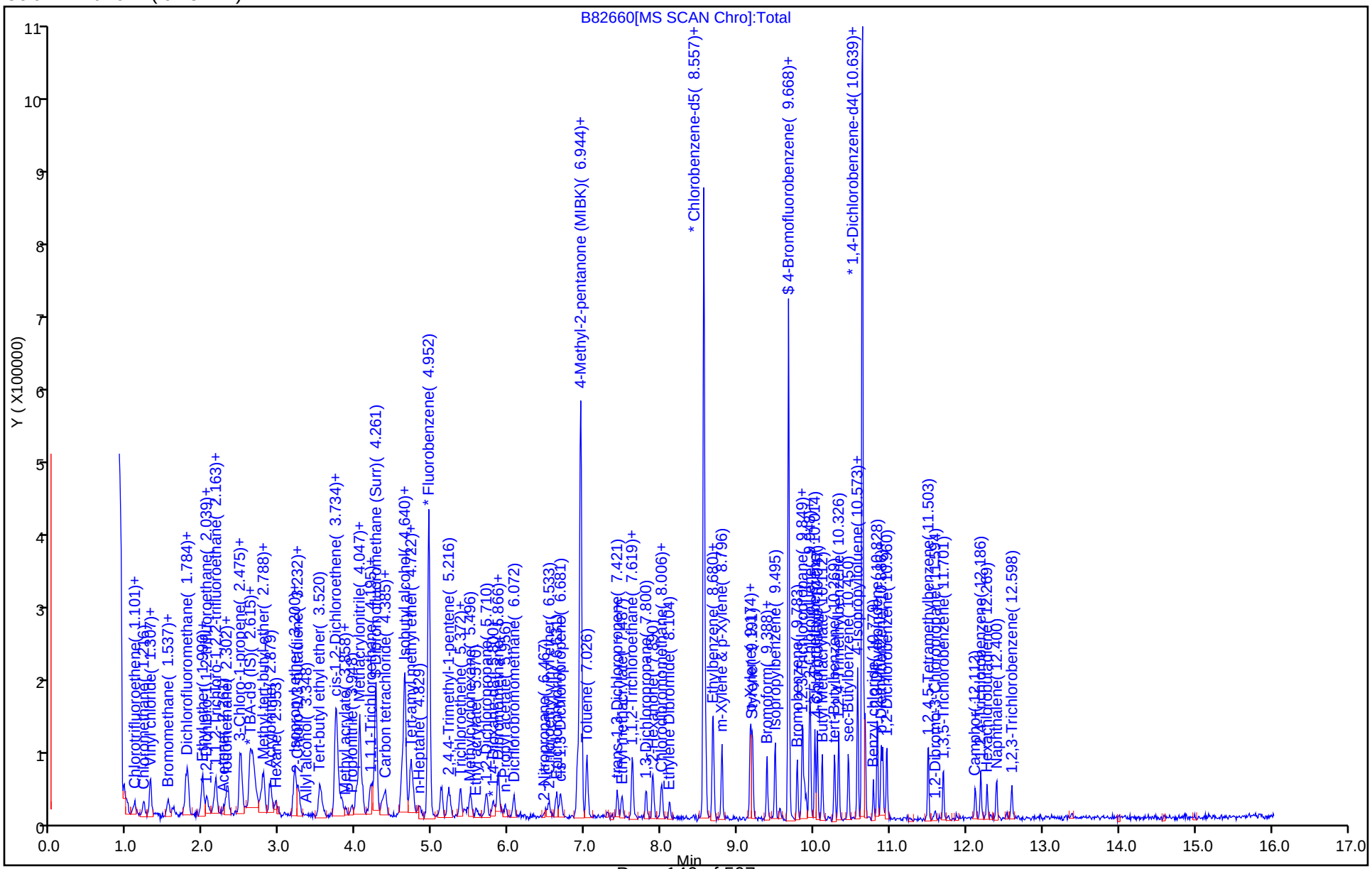
Report Date: 15-May-2015 15:01:32 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D

Injection Date:	15-May-2015 02:28:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

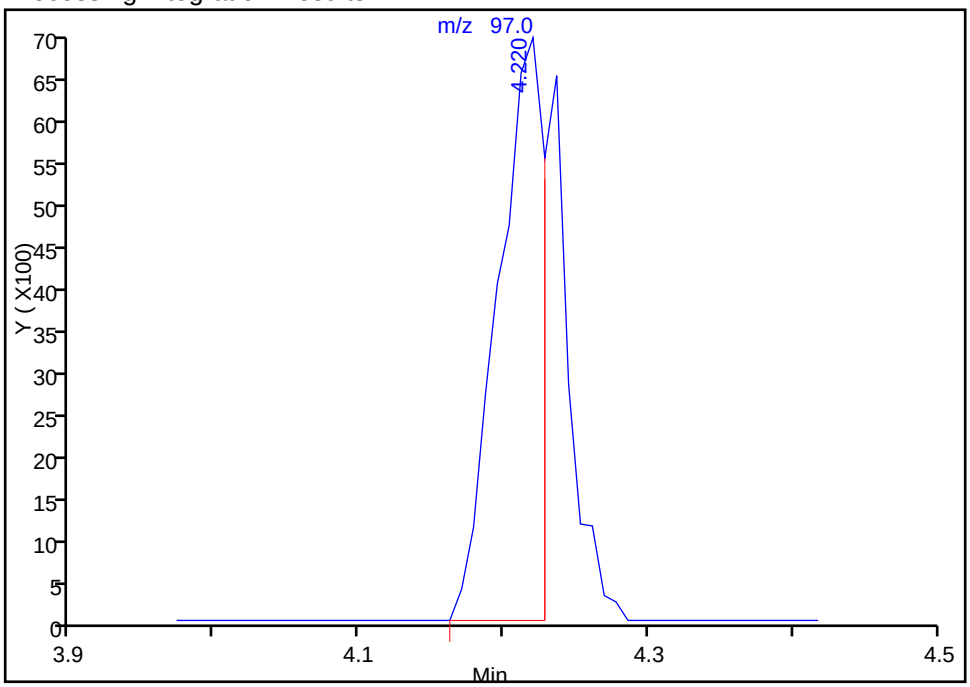
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82660.D
Injection Date: 15-May-2015 02:28:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

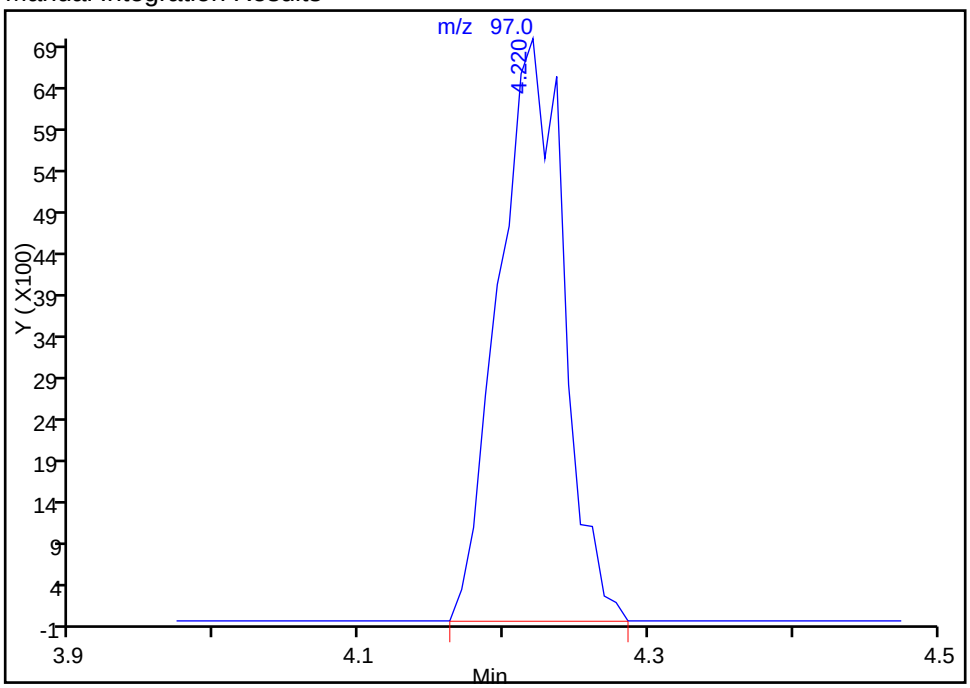
Processing Integration Results

RT: 4.22
Area: 15800
Amount: 3.616928
Amount Units: ug/l



Manual Integration Results

RT: 4.22
Area: 21829
Amount: 5.286298
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:47:47
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82661.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 15-May-2015 02:52:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0027416-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:35 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:06:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.101	0.000	59	13674	20.0	22.6	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	97	76631	20.0	20.3	
3 Chloromethane	50	1.224	1.224	0.000	98	61077	20.0	18.7	
5 Butadiene	54	1.307	1.307	0.000	90	56859	20.0	18.3	
4 Vinyl chloride	62	1.315	1.315	0.000	97	65285	20.0	17.8	
6 Bromomethane	94	1.545	1.545	0.000	98	55067	20.0	18.8	
7 Chloroethane	64	1.603	1.603	0.000	98	38796	20.0	18.9	
10 Trichlorofluoromethane	101	1.767	1.767	0.000	62	74785	20.0	16.7	
9 Dichlorofluoromethane	67	1.784	1.784	0.000	96	106188	20.0	18.6	
8 Pentane	72	1.800	1.800	0.000	93	15873	40.0	45.7	
11 Ethyl ether	59	1.981	1.981	0.000	85	41810	20.0	19.8	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	48241	20.0	21.7	
12 Ethanol	46	2.006	2.006	0.000	35	6826	800.0	609.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.047	2.047	0.000	92	42554	20.0	21.5	
15 Acrolein	56	2.146	2.146	0.000	26	5475	40.0	47.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.154	2.154	0.000	49	46739	20.0	20.2	
17 1,1-Dichloroethene	96	2.163	2.163	0.000	99	52790	20.0	21.1	
18 Acetone	43	2.269	2.269	0.000	79	63908	100.0	98.5	
19 Iodomethane	142	2.302	2.302	0.000	98	89544	20.0	20.4	
20 Carbon disulfide	76	2.327	2.327	0.000	100	202303	20.0	21.6	
21 Isopropyl alcohol	45	2.376	2.376	0.000	29	26104	200.0	211.5	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	45	32271	20.0	22.7	
23 Cyclopentene	67	2.483	2.483	0.000	84	146057	20.0	21.6	
24 Methyl acetate	43	2.500	2.500	0.000	100	238676	100.0	104.2	
25 Acetonitrile	41	2.558	2.558	0.000	97	68657	200.0	199.2	
26 Methylene Chloride	84	2.607	2.607	0.000	93	60838	20.0	19.6	
* 27 TBA-d9 (IS)	65	2.632	2.632	0.000	91	242635	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.714	2.714	0.000	84	55751	200.0	180.0	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	97	168533	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	94	60445	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.878	2.878	0.000	93	199346	200.0	215.0	
32 Hexane	43	2.953	2.953	0.000	91	24926	20.0	21.4	
34 Isopropyl ether	45	3.199	3.199	0.000	99	174475	20.0	19.5	
33 1,1-Dichloroethane	63	3.199	3.199	0.000	96	112791	20.0	21.6	
36 Vinyl acetate	86	3.241	3.241	0.000	51	3751	40.0	39.8	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	92	49396	20.0	19.5	
37 Allyl alcohol	57	3.298	3.298	0.000	8	13606	500.0	450.5	
38 Tert-butyl ethyl ether	59	3.537	3.537	0.000	88	182670	20.0	20.3	
39 2,2-Dichloropropane	41	3.718	3.718	0.000	82	51342	20.0	21.6	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	90	194078	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	96	57433	20.0	17.5	
41 2-Butanone (MEK)	72	3.792	3.792	0.000	96	25352	100.0	87.7	
42 Ethyl acetate	70	3.825	3.825	0.000	93	10142	40.0	42.2	
43 Methyl acrylate	55	3.866	3.866	0.000	59	39692	20.0	18.3	
44 Propionitrile	54	3.940	3.940	0.000	97	70225	200.0	211.9	
46 Tetrahydrofuran	72	3.998	3.998	0.000	75	15057	40.0	43.9	
45 Chlorobromomethane	128	4.014	4.014	0.000	92	29572	20.0	20.8	
47 Methacrylonitrile	67	4.047	4.047	0.000	90	216647	200.0	199.2	
48 Chloroform	83	4.088	4.088	0.000	98	100818	20.0	19.7	
49 Cyclohexane	84	4.187	4.187	0.000	89	73011	20.0	21.9	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	95	89892	20.0	21.4	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	93	110961	50.0	49.7	
52 Carbon tetrachloride	117	4.352	4.352	0.000	96	69472	20.0	21.1	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	95	66930	20.0	20.2	
54 Isooctane	57	4.599	4.599	0.000	97	86527	20.0	24.6	
55 Benzene	78	4.607	4.607	0.000	96	229896	20.0	20.9	
56 Isobutyl alcohol	43	4.631	4.631	0.000	56	59251	500.0	520.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	95	141769	50.0	47.6	
58 Tert-amyl methyl ether	73	4.714	4.714	0.000	93	196704	20.0	19.9	
59 Isopropyl acetate	87	4.722	4.722	0.000	42	51602	20.0	20.6	
60 1,2-Dichloroethane	62	4.730	4.730	0.000	87	81900	20.0	19.4	
61 n-Heptane	57	4.837	4.837	0.000	90	16188	20.0	19.9	
* 62 Fluorobenzene	96	4.961	4.961	0.000	99	442372	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	94	165537	40.0	43.6	
64 Trichloroethene	95	5.364	5.364	0.000	97	59248	20.0	21.6	
65 n-Butanol	56	5.421	5.421	0.000	81	25456	500.0	431.9	
66 Methylcyclohexane	83	5.496	5.496	0.000	91	58090	20.0	20.8	
67 Ethyl acrylate	55	5.578	5.578	0.000	99	62248	20.0	18.9	
68 1,2-Dichloropropane	63	5.710	5.710	0.000	88	60040	20.0	21.0	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	92	25840	1000.0	1000.0	
70 Dibromomethane	93	5.858	5.858	0.000	60	36336	20.0	20.6	
72 Methyl methacrylate	100	5.866	5.866	0.000	87	26193	40.0	37.6	
71 1,4-Dioxane	88	5.866	5.866	0.000	33	11804	400.0	420.7	
73 n-Propyl acetate	43	5.948	5.948	0.000	98	64148	20.0	17.6	
74 Dichlorobromomethane	83	6.072	6.072	0.000	97	77979	20.0	19.3	
75 2-Nitropropane	41	6.491	6.491	0.000	85	28309	40.0	38.5	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	90	34843	20.0	19.7	
77 Epichlorohydrin	57	6.623	6.623	0.000	98	97181	400.0	402.1	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	93	92083	20.0	21.0	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	98	270366	100.0	98.5	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	428324	50.0	50.1	
81 Toluene	91	7.026	7.026	0.000	95	225268	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	97	77542	20.0	21.0	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	71753	20.0	20.4	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	88	40951	20.0	18.7	
85 Tetrachloroethene	166	7.627	7.627	0.000	90	49336	20.0	21.6	
86 1,3-Dichloropropane	76	7.800	7.800	0.000	94	82947	20.0	19.0	
87 2-Hexanone	43	7.890	7.890	0.000	97	175335	100.0	102.5	
88 Chlorodibromomethane	129	7.997	7.997	0.000	98	51191	20.0	19.9	
89 n-Butyl acetate	73	8.014	8.014	0.000	98	13139	20.0	19.7	
90 Ethylene Dibromide	107	8.113	8.113	0.000	96	50896	20.0	21.3	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	89	389097	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	94	152374	20.0	21.4	
93 Ethylbenzene	106	8.672	8.672	0.000	98	81397	20.0	20.1	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	94	50259	20.0	18.3	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	98	96923	20.0	20.8	
96 o-Xylene	106	9.166	9.166	0.000	93	101043	20.0	20.4	
97 n-Butyl acrylate	73	9.182	9.182	0.000	94	48482	20.0	18.4	
98 Styrene	104	9.199	9.199	0.000	96	174965	20.0	21.4	
99 Bromoform	173	9.380	9.380	0.000	90	32051	20.0	20.0	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	120093	20.0	20.2	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	223141	20.0	21.1	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	86	138471	50.0	50.3	
103 Camphene	41	9.676	9.676	0.000	94	11738	20.0	21.7	
104 Bromobenzene	156	9.783	9.783	0.000	96	63240	20.0	20.0	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	97	70739	20.0	20.0	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	271788	20.0	21.8	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	94	19759	20.0	18.9	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	79	21664	20.0	19.9	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	202540	20.0	20.7	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	222439	20.0	20.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	181949	20.0	19.6	
112 4-Chlorotoluene	91	10.047	10.047	0.000	98	190750	20.0	19.5	
113 Butyl Methacrylate	87	10.112	10.112	0.000	90	94209	20.0	21.9	
114 tert-Butylbenzene	119	10.269	10.269	0.000	92	126748	20.0	19.8	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	198972	20.0	21.1	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	190559	20.0	20.6	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	94	110941	20.0	19.4	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	97	164461	20.0	20.4	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	221520	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	95	112300	20.0	19.6	
121 Benzyl chloride	91	10.779	10.779	0.000	99	117691	20.0	20.3	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	95	232215	20.0	20.8	
123 p-Diethylbenzene	119	10.886	10.886	0.000	92	97230	20.0	20.5	
124 n-Butylbenzene	91	10.902	10.902	0.000	98	198869	20.0	22.0	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	119022	20.0	21.1	
126 1,2,4,5-Tetramethylbenzene	119	11.495	11.495	0.000	97	166086	20.0	20.8	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	92	11984	20.0	16.6	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	68931	20.0	20.9	
129 Camphor	95	12.112	12.112	0.000	92	36054	100.0	87.6	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	92	57553	20.0	19.4	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	90	21827	20.0	24.9	
132 Naphthalene	128	12.392	12.392	0.000	99	147289	20.0	18.9	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	92	40526	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 135 Xylenes, Total	100				0		40.0	41.2	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	2.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	2.00	Units: uL	
GAS Hi_00097	Amount Added:	2.00	Units: uL	
MIX I Hi_00039	Amount Added:	2.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

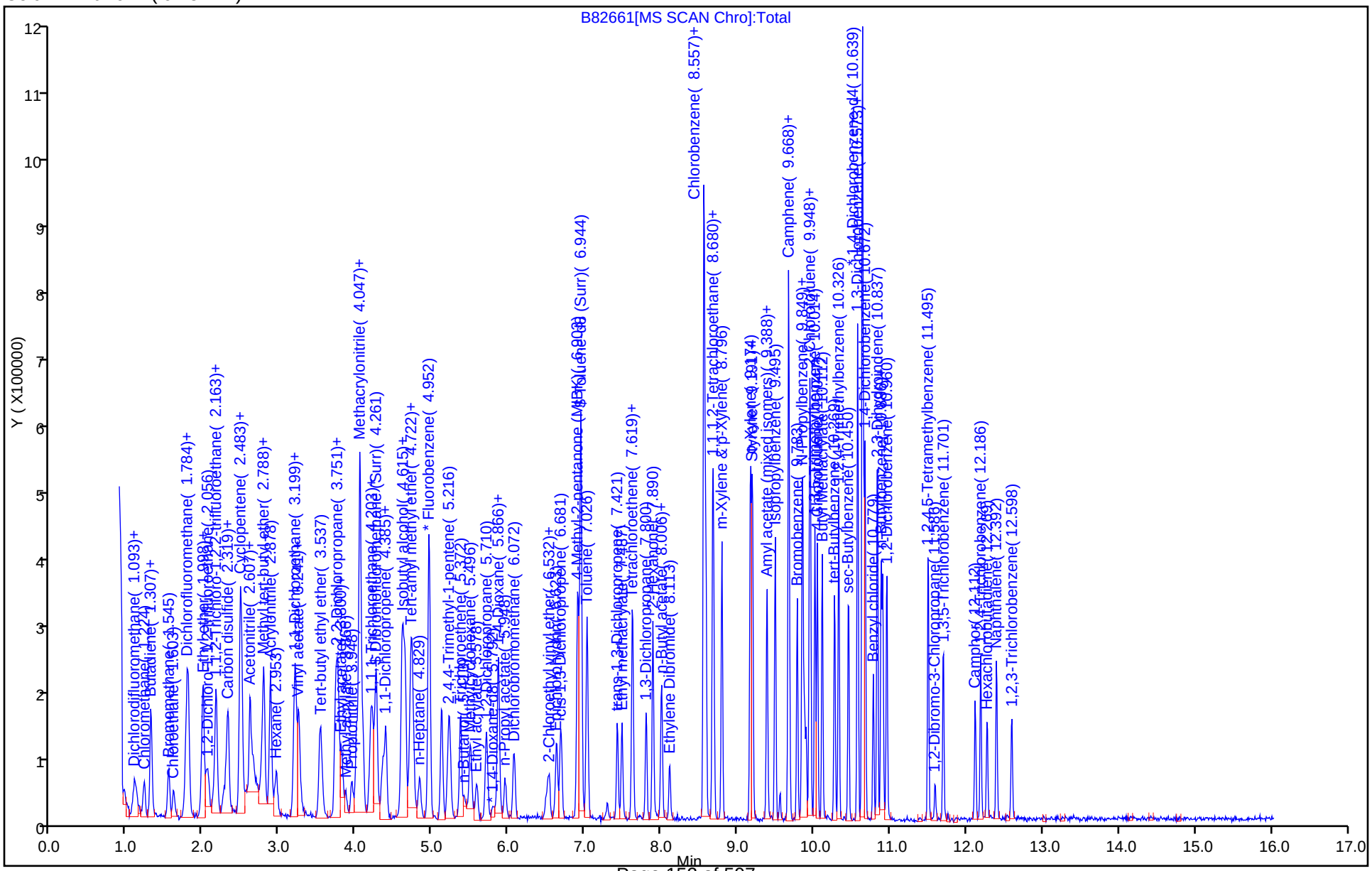
Report Date: 15-May-2015 15:01:36 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82661.D

Injection Date:	15-May-2015 02:52:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82662.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-May-2015 03:15:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0027416-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:40 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:37:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.008	87	26357	50.0	43.6	
2 Dichlorodifluoromethane	85	1.109	1.117	-0.008	98	177018	50.0	47.0	
3 Chloromethane	50	1.224	1.224	0.000	99	163610	50.0	50.2	
5 Butadiene	54	1.307	1.307	0.000	89	147766	50.0	47.6	
4 Vinyl chloride	62	1.307	1.315	-0.008	98	188831	50.0	51.7	
6 Bromomethane	94	1.537	1.545	-0.008	98	150954	50.0	51.8	
7 Chloroethane	64	1.603	1.603	0.000	99	96346	50.0	47.1	
10 Trichlorofluoromethane	101	1.767	1.767	0.000	59	202974	50.0	45.4	
9 Dichlorofluoromethane	67	1.776	1.784	-0.008	97	290465	50.0	51.0	
8 Pentane	72	1.792	1.800	-0.008	97	28355	100.0	81.8	
11 Ethyl ether	59	1.981	1.981	0.000	92	103055	50.0	48.9	
13 2-Methyl-1,3-butadiene	53	1.990	1.998	-0.008	96	112923	50.0	50.9	
12 Ethanol	46	1.990	2.006	-0.016	75	23129	2000.0	1902.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.047	2.047	0.000	85	101745	50.0	51.4	
15 Acrolein	56	2.138	2.146	-0.008	33	13656	100.0	107.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.162	2.154	0.008	47	100114	50.0	43.4	
17 1,1-Dichloroethene	96	2.162	2.163	0.000	97	118516	50.0	47.5	
18 Acetone	43	2.261	2.269	-0.008	86	161204	250.0	245.9	
19 Iodomethane	142	2.294	2.302	-0.008	98	223089	50.0	51.0	
20 Carbon disulfide	76	2.319	2.327	-0.008	99	475042	50.0	50.7	
21 Isopropyl alcohol	45	2.376	2.376	0.000	96	76090	500.0	563.8	
22 3-Chloro-1-propene	76	2.475	2.483	-0.008	39	67325	50.0	47.4	
23 Cyclopentene	67	2.483	2.483	0.000	88	352856	50.0	52.2	
24 Methyl acetate	43	2.500	2.500	0.000	99	575336	250.0	251.7	
25 Acetonitrile	41	2.549	2.558	-0.009	98	181226	500.0	527.1	
26 Methylene Chloride	84	2.607	2.607	0.000	91	149170	50.0	48.1	
* 27 TBA-d9 (IS)	65	2.632	2.632	0.000	93	265365	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.706	2.714	-0.008	91	156890	500.0	463.2	
29 Methyl tert-butyl ether	73	2.763	2.780	-0.017	95	427597	50.0	50.9	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	95	139203	50.0	46.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.878	2.878	0.000	96	490385	500.0	530.3	
32 Hexane	43	2.952	2.953	-0.001	91	52348	50.0	45.0	
34 Isopropyl ether	45	3.191	3.199	-0.008	97	455211	50.0	50.9	
33 1,1-Dichloroethane	63	3.199	3.199	0.000	84	259682	50.0	49.9	
36 Vinyl acetate	86	3.241	3.241	0.000	40	7932	100.0	84.1	
35 2-Chloro-1,3-butadiene	88	3.241	3.249	-0.008	92	128890	50.0	50.9	
37 Allyl alcohol	57	3.290	3.298	-0.008	54	50537	1250.0	1479.8	
38 Tert-butyl ethyl ether	59	3.529	3.537	-0.008	88	467487	50.0	52.0	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	89	116338	50.0	49.6	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	77	196086	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	98	158990	50.0	48.6	
41 2-Butanone (MEK)	72	3.792	3.792	0.000	97	65956	250.0	225.9	
42 Ethyl acetate	70	3.825	3.825	0.000	95	20113	100.0	82.8	
43 Methyl acrylate	55	3.866	3.866	0.000	99	108670	50.0	50.2	
44 Propionitrile	54	3.940	3.940	0.000	98	187657	500.0	517.8	
46 Tetrahydrofuran	72	3.998	3.998	0.000	68	33756	100.0	97.5	
45 Chlorobromomethane	128	4.006	4.014	-0.008	87	71171	50.0	50.3	
47 Methacrylonitrile	67	4.047	4.047	0.000	91	567181	500.0	522.8	
48 Chloroform	83	4.088	4.088	0.000	99	249598	50.0	48.8	
49 Cyclohexane	84	4.195	4.187	0.008	91	146962	50.0	44.1	
50 1,1,1-Trichloroethane	97	4.220	4.220	0.000	98	211033	50.0	50.3	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	95	118015	50.0	53.0	
52 Carbon tetrachloride	117	4.343	4.352	-0.009	94	163941	50.0	49.8	
53 1,1-Dichloropropene	75	4.384	4.393	-0.009	96	163093	50.0	49.4	
54 Isooctane	57	4.598	4.599	0.000	95	191631	50.0	54.4	
55 Benzene	78	4.607	4.607	0.000	95	551778	50.0	49.3	
56 Isobutyl alcohol	43	4.623	4.631	-0.008	58	167354	1250.0	1344.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.640	4.640	0.000	88	149214	50.0	50.2	
58 Tert-amyl methyl ether	73	4.722	4.714	0.008	93	508532	50.0	51.7	
59 Isopropyl acetate	87	4.722	4.722	0.000	98	125608	50.0	50.4	
60 1,2-Dichloroethane	62	4.730	4.730	0.000	96	190692	50.0	45.4	
61 n-Heptane	57	4.829	4.837	-0.008	90	38204	50.0	47.0	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	441288	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.216	0.008	93	332339	100.0	87.8	
64 Trichloroethene	95	5.372	5.364	0.008	97	134613	50.0	49.2	
65 n-Butanol	56	5.413	5.421	-0.008	85	72483	1250.0	1117.2	
66 Methylcyclohexane	83	5.495	5.496	-0.001	94	122526	50.0	44.0	
67 Ethyl acrylate	55	5.578	5.578	0.000	99	165255	50.0	50.4	
68 1,2-Dichloropropane	63	5.709	5.710	-0.001	90	140749	50.0	49.3	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	87	29418	1000.0	1000.0	
70 Dibromomethane	93	5.858	5.858	0.000	95	81464	50.0	46.4	
72 Methyl methacrylate	100	5.866	5.866	0.000	92	61468	100.0	88.2	
71 1,4-Dioxane	88	5.866	5.866	0.000	32	30925	1000.0	968.1	
73 n-Propyl acetate	43	5.948	5.948	0.000	99	176497	50.0	48.6	
74 Dichlorobromomethane	83	6.072	6.072	0.000	99	190587	50.0	47.4	
75 2-Nitropropane	41	6.491	6.491	0.000	98	67103	100.0	91.4	
76 2-Chloroethyl vinyl ether	63	6.524	6.532	-0.008	93	83782	50.0	47.5	
77 Epichlorohydrin	57	6.623	6.623	0.000	99	248478	1000.0	1017.5	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	92	226142	50.0	50.8	
79 4-Methyl-2-pentanone (MIBK	43	6.903	6.903	0.000	97	689677	250.0	248.7	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	98	437042	50.0	50.3	
81 Toluene	91	7.026	7.026	0.000	94	537529	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.421	7.421	0.000	96	192307	50.0	51.2	
83 Ethyl methacrylate	69	7.487	7.487	0.000	87	187406	50.0	52.6	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	91	103930	50.0	46.8	
85 Tetrachloroethene	166	7.627	7.627	0.000	93	111399	50.0	48.1	
86 1,3-Dichloropropane	76	7.800	7.800	0.000	94	213402	50.0	48.0	
87 2-Hexanone	43	7.890	7.890	0.000	96	455405	250.0	263.6	
88 Chlorodibromomethane	129	7.997	7.997	0.000	97	129872	50.0	49.8	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	32576	50.0	48.0	
90 Ethylene Dibromide	107	8.113	8.113	0.000	97	116860	50.0	48.2	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	86	394872	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	94	355623	50.0	49.3	
93 Ethylbenzene	106	8.672	8.672	0.000	99	193716	50.0	47.2	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	93	127736	50.0	45.7	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	97	236903	50.0	50.0	
96 o-Xylene	106	9.166	9.166	0.000	94	248910	50.0	49.5	
97 n-Butyl acrylate	73	9.182	9.182	0.000	98	133724	50.0	50.1	
98 Styrene	104	9.199	9.199	0.000	95	418906	50.0	50.5	
99 Bromoform	173	9.380	9.380	0.000	94	78998	50.0	48.6	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	92	306628	50.0	52.1	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	527739	50.0	49.2	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	141507	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	94	25748	50.0	46.6	
104 Bromobenzene	156	9.783	9.783	0.000	96	151129	50.0	48.3	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	98	173668	50.0	49.5	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	635597	50.0	51.6	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	96	49064	50.0	47.4	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	77	46032	50.0	42.7	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	494925	50.0	51.0	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	536901	50.0	50.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	440957	50.0	48.1	
112 4-Chlorotoluene	91	10.046	10.047	-0.001	98	455531	50.0	47.1	
113 Butyl Methacrylate	87	10.112	10.112	0.000	90	220886	50.0	51.8	
114 tert-Butylbenzene	119	10.277	10.269	0.008	93	317009	50.0	50.1	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	484380	50.0	52.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	457280	50.0	49.9	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	86	279995	50.0	49.5	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	96	389239	50.0	48.7	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	219265	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.656	-0.001	93	278805	50.0	49.0	
121 Benzyl chloride	91	10.779	10.779	0.000	98	305666	50.0	53.3	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	94	550787	50.0	49.7	
123 p-Diethylbenzene	119	10.886	10.886	0.000	90	221725	50.0	47.1	
124 n-Butylbenzene	91	10.902	10.902	0.000	97	441772	50.0	49.5	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	95	273944	50.0	49.2	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	395781	50.0	50.0	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	94	33504	50.0	47.0	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	162875	50.0	49.8	
129 Camphor	95	12.112	12.112	0.000	92	98347	250.0	241.4	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	150688	50.0	51.2	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	95	59083	50.0	66.7	
132 Naphthalene	128	12.392	12.392	0.000	99	404591	50.0	52.5	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	108800	50.0	48.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		100.0	95.4	
S 135 Xylenes, Total	100				0		100.0	99.6	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	10.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	5.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	5.00	Units: uL	
GAS Hi_00097	Amount Added:	5.00	Units: uL	
MIX I Hi_00039	Amount Added:	5.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

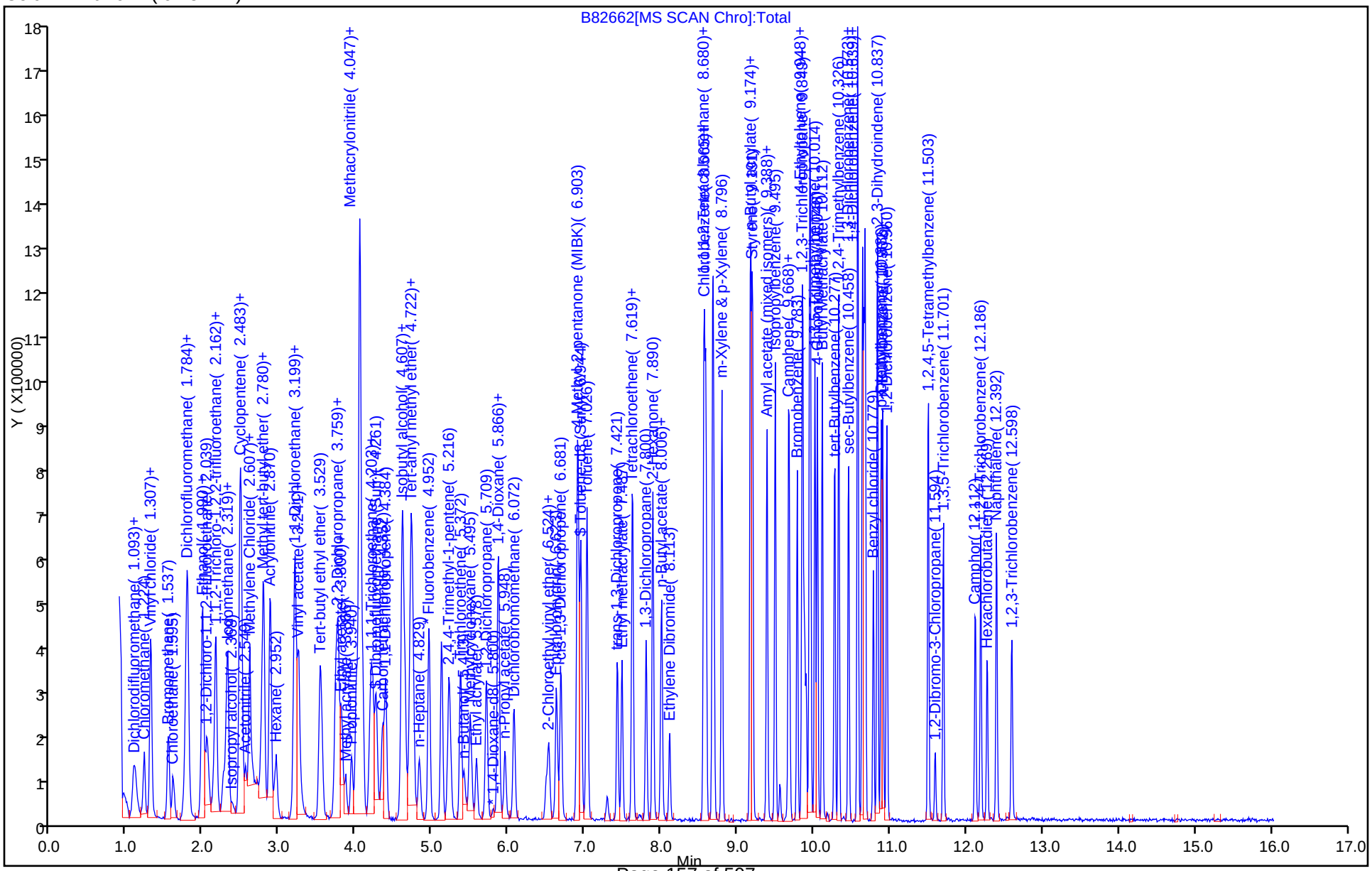
Report Date: 15-May-2015 15:01:42 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82662.D

Injection Date:	15-May-2015 03:15:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82663.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 15-May-2015 03:39:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0027416-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:46 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:36:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.092	1.101	-0.009	89	132186	200.0	199.9	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	99	824236	200.0	201.1	
3 Chloromethane	50	1.241	1.224	0.017	99	720926	200.0	202.4	
5 Butadiene	54	1.323	1.307	0.016	92	663178	200.0	195.1	
4 Vinyl chloride	62	1.323	1.315	0.008	97	810047	200.0	202.8	
6 Bromomethane	94	1.553	1.545	0.008	99	653413	200.0	204.9	
7 Chloroethane	64	1.611	1.603	0.008	100	441699	200.0	197.6	
10 Trichlorofluoromethane	101	1.784	1.767	0.017	66	930374	200.0	190.2	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	98	1220255	200.0	195.9	
8 Pentane	72	1.808	1.800	0.008	93	135744	400.0	358.0	
11 Ethyl ether	59	1.989	1.981	0.008	89	454636	200.0	197.3	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	499348	200.0	205.8	
12 Ethanol	46	1.981	2.006	-0.025	82	105728	8000.0	8076.7	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.047	0.008	85	456021	200.0	210.8	
15 Acrolein	56	2.154	2.146	0.008	28	26858	200.0	191.1	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.154	0.017	52	473154	200.0	187.5	
17 1,1-Dichloroethene	96	2.171	2.163	0.009	98	552229	200.0	202.4	
18 Acetone	43	2.269	2.269	0.000	86	721475	1000.0	928.2	
19 Iodomethane	142	2.310	2.302	0.008	98	958293	200.0	200.5	
20 Carbon disulfide	76	2.327	2.327	0.000	99	2122281	200.0	207.2	
21 Isopropyl alcohol	45	2.385	2.376	0.008	62	341279	2000.0	2267.2	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	46	300637	200.0	193.5	
23 Cyclopentene	67	2.491	2.483	0.008	93	1547083	200.0	209.5	
24 Methyl acetate	43	2.508	2.500	0.008	98	2608395	1000.0	1043.5	
25 Acetonitrile	41	2.557	2.558	-0.001	98	779023	2000.0	2072.0	
26 Methylene Chloride	84	2.615	2.607	0.008	92	640261	200.0	188.8	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	86	295971	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.722	2.714	0.008	88	699163	2000.0	1850.8	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	96	1840952	200.0	200.5	
30 trans-1,2-Dichloroethene	96	2.796	2.788	0.008	97	618018	200.0	189.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.878	0.009	95	2215675	2000.0	2190.8	
32 Hexane	43	2.961	2.953	0.008	92	231027	200.0	181.7	
34 Isopropyl ether	45	3.199	3.199	0.000	98	1960571	200.0	200.5	
33 1,1-Dichloroethane	63	3.207	3.199	0.008	98	1168272	200.0	205.2	
36 Vinyl acetate	86	3.240	3.241	-0.001	75	42817	400.0	406.0	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	574000	200.0	207.3	
37 Allyl alcohol	57	3.290	3.298	-0.008	30	208751	5000.0	4937.6	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	87	1989529	200.0	202.2	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	96	489651	200.0	199.8	
* 158 2-Butanone-d5	46	3.751	3.743	0.008	94	232525	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.775	3.767	0.008	98	698190	200.0	195.1	
41 2-Butanone (MEK)	72	3.808	3.792	0.016	98	335023	1000.0	967.5	
42 Ethyl acetate	70	3.825	3.825	0.000	96	106592	400.0	369.9	
43 Methyl acrylate	55	3.866	3.866	0.000	99	513200	200.0	216.9	
44 Propionitrile	54	3.948	3.940	0.008	97	844214	2000.0	2088.5	
46 Tetrahydrofuran	72	4.006	3.998	0.008	72	156858	400.0	381.9	
45 Chlorobromomethane	128	4.014	4.014	0.000	87	317726	200.0	205.1	
47 Methacrylonitrile	67	4.055	4.047	0.008	91	2572753	2000.0	2168.5	
48 Chloroform	83	4.096	4.088	0.008	99	1111157	200.0	198.8	
49 Cyclohexane	84	4.195	4.187	0.008	89	720439	200.0	197.8	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	99	940605	200.0	205.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	96	126949	50.0	52.1	
52 Carbon tetrachloride	117	4.360	4.352	0.008	97	754325	200.0	209.6	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	96	758590	200.0	210.0	
54 Isooctane	57	4.607	4.599	0.009	97	774947	200.0	197.7	
55 Benzene	78	4.615	4.607	0.008	96	2494419	200.0	204.2	
56 Isobutyl alcohol	43	4.631	4.631	0.000	96	732190	5000.0	5273.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	93	160737	50.0	49.4	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	93	2239543	200.0	208.2	
59 Isopropyl acetate	87	4.738	4.722	0.016	98	581556	200.0	213.3	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	98	898561	200.0	195.5	
61 n-Heptane	57	4.837	4.837	0.000	88	153913	200.0	173.1	
* 62 Fluorobenzene	96	4.960	4.961	-0.001	99	482590	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.216	0.008	94	1586992	400.0	383.4	
64 Trichloroethene	95	5.372	5.364	0.008	97	640855	200.0	214.1	
65 n-Butanol	56	5.421	5.421	0.000	87	379733	5000.0	5056.9	
66 Methylcyclohexane	83	5.504	5.496	0.008	95	564547	200.0	185.5	
67 Ethyl acrylate	55	5.578	5.578	0.000	98	796453	200.0	222.0	
68 1,2-Dichloropropane	63	5.718	5.710	0.008	90	647822	200.0	207.5	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	92	29483	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	97	380579	200.0	198.2	
72 Methyl methacrylate	100	5.874	5.866	0.008	93	310745	400.0	404.8	
71 1,4-Dioxane	88	5.866	5.866	0.000	33	136051	4000.0	4249.6	
73 n-Propyl acetate	43	5.956	5.948	0.008	98	849803	200.0	214.1	
74 Dichlorobromomethane	83	6.071	6.072	-0.001	99	880870	200.0	200.1	
75 2-Nitropropane	41	6.491	6.491	0.000	93	315118	400.0	392.6	
76 2-Chloroethyl vinyl ether	63	6.524	6.532	-0.008	93	409295	200.0	212.1	
77 Epichlorohydrin	57	6.631	6.623	0.008	99	1168517	4000.0	4035.2	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	93	995690	200.0	204.8	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	96	3171493	1000.0	964.6	
$ 80 Toluene-d8 (Surr)	98	6.952	6.944	0.008	95	471887	50.0	49.8	
81 Toluene	91	7.034	7.026	0.008	94	2452919	200.0	199.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.429	7.421	0.008	98	888220	200.0	216.6	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	857907	200.0	220.5	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	95	497128	200.0	205.1	
85 Tetrachloroethene	166	7.627	7.627	0.000	96	509553	200.0	201.3	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	95	952549	200.0	196.4	
87 2-Hexanone	43	7.890	7.890	0.000	95	2137391	1000.0	1043.3	
88 Chlorodibromomethane	129	7.997	7.997	0.000	98	591219	200.0	207.5	
89 n-Butyl acetate	73	8.005	8.014	-0.009	99	155838	200.0	210.4	
90 Ethylene Dibromide	107	8.112	8.113	-0.001	98	535673	200.0	202.1	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	88	431203	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	92	1573378	200.0	199.8	
93 Ethylbenzene	106	8.680	8.672	0.008	98	878904	200.0	195.9	
94 1,1,1,2-Tetrachloroethane	131	8.688	8.689	-0.001	94	598950	200.0	196.4	
95 m-Xylene & p-Xylene	106	8.795	8.796	-0.001	97	1060471	200.0	205.1	
96 o-Xylene	106	9.166	9.166	0.000	94	1133652	200.0	206.6	
97 n-Butyl acrylate	73	9.182	9.182	0.000	97	607806	200.0	208.7	
98 Styrene	104	9.199	9.199	0.000	94	1897548	200.0	209.4	
99 Bromoform	173	9.380	9.380	0.000	93	383864	200.0	216.1	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	1402164	200.0	214.1	
101 Isopropylbenzene	105	9.495	9.495	0.000	97	2343749	200.0	200.2	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	80	145839	50.0	47.8	
103 Camphene	41	9.676	9.676	0.000	94	125316	200.0	200.9	
104 Bromobenzene	156	9.783	9.783	0.000	96	672889	200.0	193.1	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	98	781921	200.0	200.1	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	2691212	200.0	196.1	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	213706	200.0	185.6	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	83	237529	200.0	197.8	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	2116158	200.0	195.9	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	2262517	200.0	192.2	
111 1,3,5-Trimethylbenzene	105	10.013	10.014	-0.001	93	1916547	200.0	187.8	
112 4-Chlorotoluene	91	10.046	10.047	-0.001	98	1993598	200.0	185.1	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	1009450	200.0	212.7	
114 tert-Butylbenzene	119	10.277	10.269	0.008	92	1410742	200.0	200.3	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	2075559	200.0	200.1	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	1939985	200.0	190.2	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	90	1207934	200.0	191.7	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	97	1681541	200.0	189.1	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	244102	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.656	-0.001	93	1219617	200.0	192.7	
121 Benzyl chloride	91	10.779	10.779	0.000	98	1365197	200.0	213.9	
122 2,3-Dihydroindene	117	10.836	10.837	-0.001	95	2362259	200.0	191.6	
123 p-Diethylbenzene	119	10.886	10.886	0.000	91	958867	200.0	183.1	
124 n-Butylbenzene	91	10.902	10.902	0.000	96	1786621	200.0	179.7	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	1210876	200.0	195.2	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	97	1674765	200.0	190.1	
127 1,2-Dibromo-3-Chloropropan	75	11.585	11.594	-0.009	94	161160	200.0	203.1	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	663729	200.0	182.2	
129 Camphor	95	12.112	12.112	0.000	93	493720	1000.0	1088.8	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	631578	200.0	192.7	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	92	203177	200.0	193.7	
132 Naphthalene	128	12.392	12.392	0.000	99	1755303	200.0	204.6	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	458883	200.0	183.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		400.0	385.0	
S 135 Xylenes, Total	100				0		400.0	411.6	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	20.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	20.00	Units: uL	
GAS Hi_00097	Amount Added:	20.00	Units: uL	
MIX I Hi_00039	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

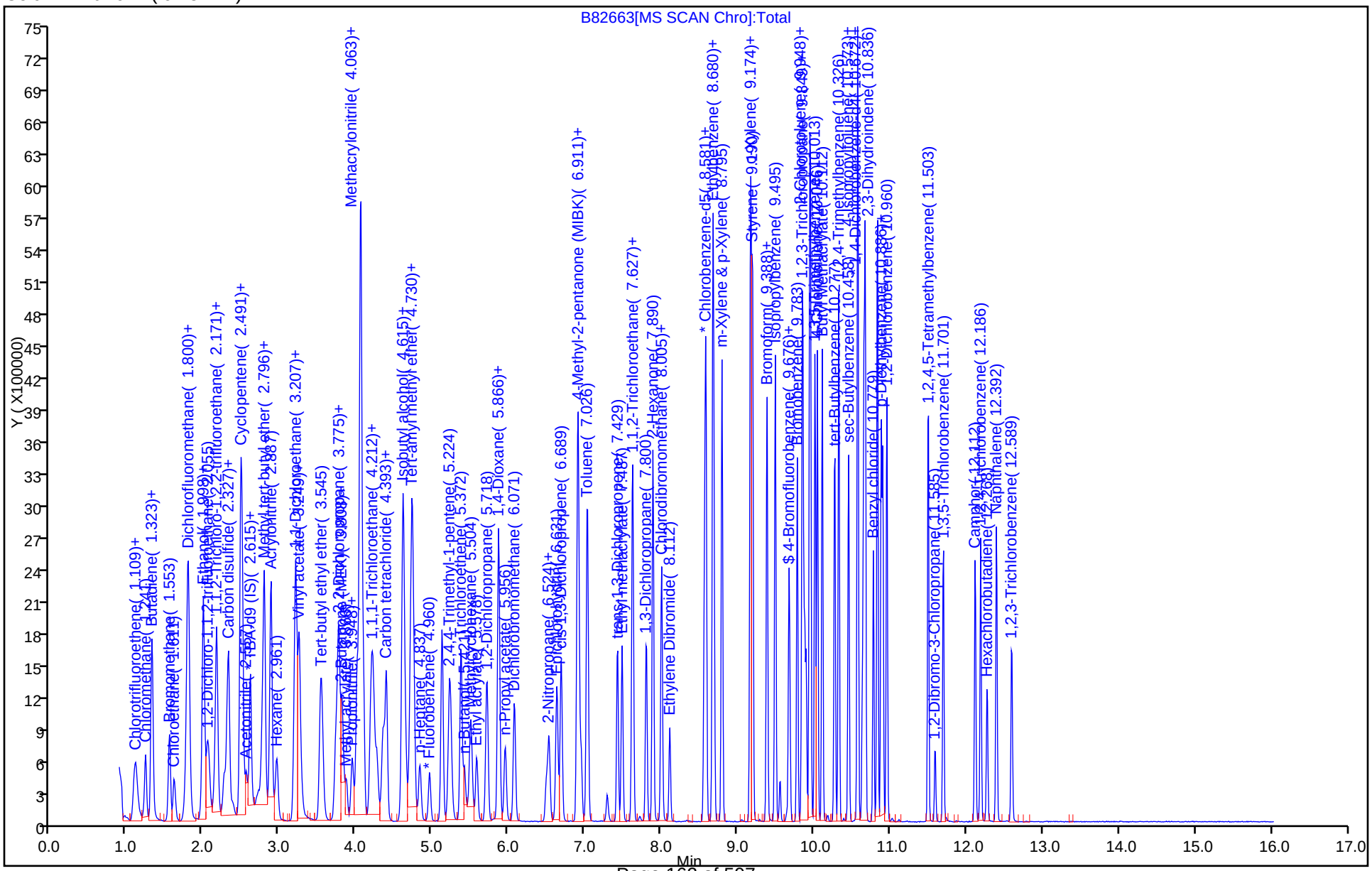
Report Date: 15-May-2015 15:01:47 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82663.D

Injection Date:	15-May-2015 03:39:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82664.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-May-2015 04:03:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0027416-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:50 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 06:04:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.101	0.000	89	337035	500.0	448.0	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	99	2308208	500.0	499.9	
3 Chloromethane	50	1.241	1.224	0.017	99	1851662	500.0	457.0	
5 Butadiene	54	1.323	1.307	0.016	91	1805811	500.0	467.1	
4 Vinyl chloride	62	1.323	1.315	0.008	97	2169353	500.0	477.5	
6 Bromomethane	94	1.554	1.545	0.009	98	1674608	500.0	461.6	
7 Chloroethane	64	1.619	1.603	0.016	100	1157964	500.0	455.2	
10 Trichlorofluoromethane	101	1.792	1.767	0.025	67	2583536	500.0	464.2	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	98	3176521	500.0	448.2	
8 Pentane	72	1.800	1.800	0.000	94	388889	1000.0	901.6	
11 Ethyl ether	59	1.990	1.981	0.009	94	1232835	500.0	470.2	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	96	1379095	500.0	499.5	
12 Ethanol	46	1.990	2.006	-0.016	71	269809	20000	19987	
14 1,2-Dichloro-1,1,2-trifluo	117	2.064	2.047	0.017	94	1212138	500.0	492.4	
15 Acrolein	56	2.154	2.146	0.008	31	61462	400.0	401.7	
16 1,1,2-Trichloro-1,2,2-trif	101	2.163	2.154	0.009	96	1318118	500.0	459.1	
17 1,1-Dichloroethene	96	2.171	2.163	0.009	99	1458335	500.0	469.8	
18 Acetone	43	2.270	2.269	0.001	87	1966153	2500.0	2346.9	
19 Iodomethane	142	2.311	2.302	0.009	98	2533125	500.0	465.8	
20 Carbon disulfide	76	2.327	2.327	0.000	99	5367455	500.0	460.7	
21 Isopropyl alcohol	45	2.393	2.376	0.017	99	836242	5000.0	5013.4	
22 3-Chloro-1-propene	76	2.484	2.483	0.001	50	679024	500.0	384.1	
23 Cyclopentene	67	2.492	2.483	0.009	93	4109788	500.0	489.1	
24 Methyl acetate	43	2.508	2.500	0.008	97	6659172	2500.0	2341.5	
25 Acetonitrile	41	2.566	2.558	0.008	98	1953168	5000.0	4566.1	
26 Methylene Chloride	84	2.615	2.607	0.008	92	1709095	500.0	443.0	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	60	327973	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.722	2.714	0.008	97	1890689	5000.0	4516.6	
29 Methyl tert-butyl ether	73	2.780	2.780	0.000	96	4727894	500.0	452.5	
30 trans-1,2-Dichloroethene	96	2.796	2.788	0.008	95	1643800	500.0	444.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.887	2.878	0.009	93	5669766	5000.0	4927.5	
32 Hexane	43	2.961	2.953	0.008	93	659105	500.0	455.7	
34 Isopropyl ether	45	3.208	3.199	0.009	97	4875034	500.0	438.2	
33 1,1-Dichloroethane	63	3.208	3.199	0.009	99	2994550	500.0	462.4	
36 Vinyl acetate	86	3.249	3.241	0.008	99	124833	1000.0	999.3	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	1541023	500.0	489.3	
37 Allyl alcohol	57	3.306	3.298	0.008	94	712916	12500	12506	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	89	4970644	500.0	444.1	
39 2,2-Dichloropropane	41	3.734	3.718	0.016	96	1262108	500.0	500.0	
* 158 2-Butanone-d5	46	3.751	3.743	0.008	35	250634	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.776	3.767	0.009	98	1793156	500.0	440.5	
41 2-Butanone (MEK)	72	3.808	3.792	0.016	99	932438	2500.0	2498.3	
42 Ethyl acetate	70	3.833	3.825	0.008	99	324810	1000.0	1045.7	
43 Methyl acrylate	55	3.874	3.866	0.008	99	1414115	500.0	525.4	
44 Propionitrile	54	3.957	3.940	0.017	98	2266049	5000.0	5058.9	
46 Tetrahydrofuran	72	4.006	3.998	0.008	84	445767	1000.0	1006.9	
45 Chlorobromomethane	128	4.022	4.014	0.008	87	842976	500.0	478.4	
47 Methacrylonitrile	67	4.072	4.047	0.025	86	6813292	5000.0	5047.7	
48 Chloroform	83	4.097	4.088	0.009	99	2971561	500.0	467.2	
49 Cyclohexane	84	4.195	4.187	0.008	90	1930115	500.0	465.8	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	99	2516833	500.0	482.2	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	92	135285	50.0	48.8	
52 Carbon tetrachloride	117	4.360	4.352	0.008	98	2031668	500.0	496.2	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	96	2055720	500.0	500.3	
54 Isooctane	57	4.615	4.599	0.017	98	2312298	500.0	500.3	
55 Benzene	78	4.615	4.607	0.008	97	6359685	500.0	475.2	
56 Isobutyl alcohol	43	4.640	4.631	0.009	97	2062480	12500	13406	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.656	4.640	0.016	44	191000	50.0	51.6	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	93	5744805	500.0	469.4	
59 Isopropyl acetate	87	4.730	4.722	0.008	98	1575293	500.0	507.8	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	98	2438408	500.0	466.4	
61 n-Heptane	57	4.837	4.837	0.000	87	448642	500.0	443.6	
* 62 Fluorobenzene	96	4.969	4.961	0.008	98	549046	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.232	5.216	0.016	96	4397385	1000.0	933.7	
64 Trichloroethene	95	5.380	5.364	0.016	98	1696008	500.0	498.1	
65 n-Butanol	56	5.422	5.421	0.001	86	1110923	12500	12493	
66 Methylcyclohexane	83	5.504	5.496	0.008	94	1558715	500.0	450.2	
67 Ethyl acrylate	55	5.586	5.578	0.008	99	2169140	500.0	531.5	
68 1,2-Dichloropropane	63	5.718	5.710	0.008	91	1774697	500.0	499.6	
* 69 1,4-Dioxane-d8	96	5.866	5.800	0.066	1	37477	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	93	1064637	500.0	487.4	
72 Methyl methacrylate	100	5.874	5.866	0.008	87	885462	1000.0	999.4	
71 1,4-Dioxane	88	5.874	5.866	0.008	31	360901	10000	8868.4	
73 n-Propyl acetate	43	5.956	5.948	0.008	98	2357229	500.0	521.9	
74 Dichlorobromomethane	83	6.080	6.072	0.008	99	2430450	500.0	485.4	
75 2-Nitropropane	41	6.500	6.491	0.009	98	947743	1000.0	1038.0	
76 2-Chloroethyl vinyl ether	63	6.533	6.532	0.001	97	1125273	500.0	512.5	
77 Epichlorohydrin	57	6.640	6.623	0.017	99	3250836	10000	10415	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	92	2775759	500.0	521.3	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	93	7971454	2500.0	2249.4	
$ 80 Toluene-d8 (Surr)	98	6.952	6.944	0.008	90	523178	50.0	50.4	
81 Toluene	91	7.035	7.026	0.009	96	6327881	500.0	470.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.430	7.421	0.009	98	2440407	500.0	543.3	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	2356190	500.0	552.9	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	94	1356622	500.0	511.0	
85 Tetrachloroethene	166	7.627	7.627	0.000	98	1454320	500.0	524.5	
86 1,3-Dichloropropane	76	7.808	7.800	0.008	95	2629850	500.0	495.0	
87 2-Hexanone	43	7.890	7.890	0.000	92	5460258	2500.0	2472.7	
88 Chlorodibromomethane	129	8.006	7.997	0.009	98	1629322	500.0	522.0	
89 n-Butyl acetate	73	8.006	8.014	-0.008	99	429328	500.0	529.3	
90 Ethylene Dibromide	107	8.113	8.113	0.000	99	1461127	500.0	503.4	
* 91 Chlorobenzene-d5	117	8.565	8.557	0.008	85	472278	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	90	4206249	500.0	487.6	
93 Ethylbenzene	106	8.680	8.672	0.008	97	2415248	500.0	491.6	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	94	1634716	500.0	489.4	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	95	2816063	500.0	497.2	
96 o-Xylene	106	9.174	9.166	0.008	96	2971356	500.0	494.3	
97 n-Butyl acrylate	73	9.182	9.182	0.000	99	1684615	500.0	528.1	
98 Styrene	104	9.199	9.199	0.000	90	4864397	500.0	490.0	
99 Bromoform	173	9.380	9.380	0.000	94	1107664	500.0	569.5	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	93	3552413	500.0	515.4	
101 Isopropylbenzene	105	9.495	9.495	0.000	98	5671607	500.0	442.3	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	85	169110	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	96	362934	500.0	499.9	
104 Bromobenzene	156	9.783	9.783	0.000	97	1825747	500.0	497.7	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.841	0.008	99	2158662	500.0	524.9	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	6193477	500.0	428.7	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	592060	500.0	488.5	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	79	636392	500.0	503.4	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	5289167	500.0	465.1	
110 4-Ethyltoluene	105	9.956	9.956	0.000	96	5511903	500.0	444.8	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	94	4790895	500.0	446.0	
112 4-Chlorotoluene	91	10.047	10.047	0.000	97	4949740	500.0	436.6	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	2675084	500.0	535.5	
114 tert-Butylbenzene	119	10.277	10.269	0.008	91	3720471	500.0	501.8	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	97	5055957	500.0	463.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	96	4864831	500.0	453.1	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	91	3126876	500.0	471.5	
118 4-Isopropyltoluene	119	10.582	10.573	0.009	94	4355828	500.0	465.3	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	95	256941	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	91	3155210	500.0	473.6	
121 Benzyl chloride	91	10.779	10.779	0.000	98	3457892	500.0	514.8	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	96	5480421	500.0	422.2	
123 p-Diethylbenzene	119	10.886	10.886	0.000	92	2601807	500.0	471.9	
124 n-Butylbenzene	91	10.902	10.902	0.000	99	4724075	500.0	451.5	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	93	3165064	500.0	484.7	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	98	4161391	500.0	448.7	
127 1,2-Dibromo-3-Chloropropan	75	11.586	11.594	-0.008	95	431976	500.0	517.1	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	97	1778866	500.0	464.0	
129 Camphor	95	12.112	12.112	0.000	93	1475941	2500.0	3092.2	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	93	1713616	500.0	496.8	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	96	633136	500.0	500.7	
132 Naphthalene	128	12.392	12.392	0.000	98	4438257	500.0	491.6	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	94	1268418	500.0	480.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		1000.0	884.5	
S 135 Xylenes, Total	100				0		1000.0	991.5	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	50.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	50.00	Units: uL	
GAS Hi_00097	Amount Added:	50.00	Units: uL	
MIX I Hi_00039	Amount Added:	50.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

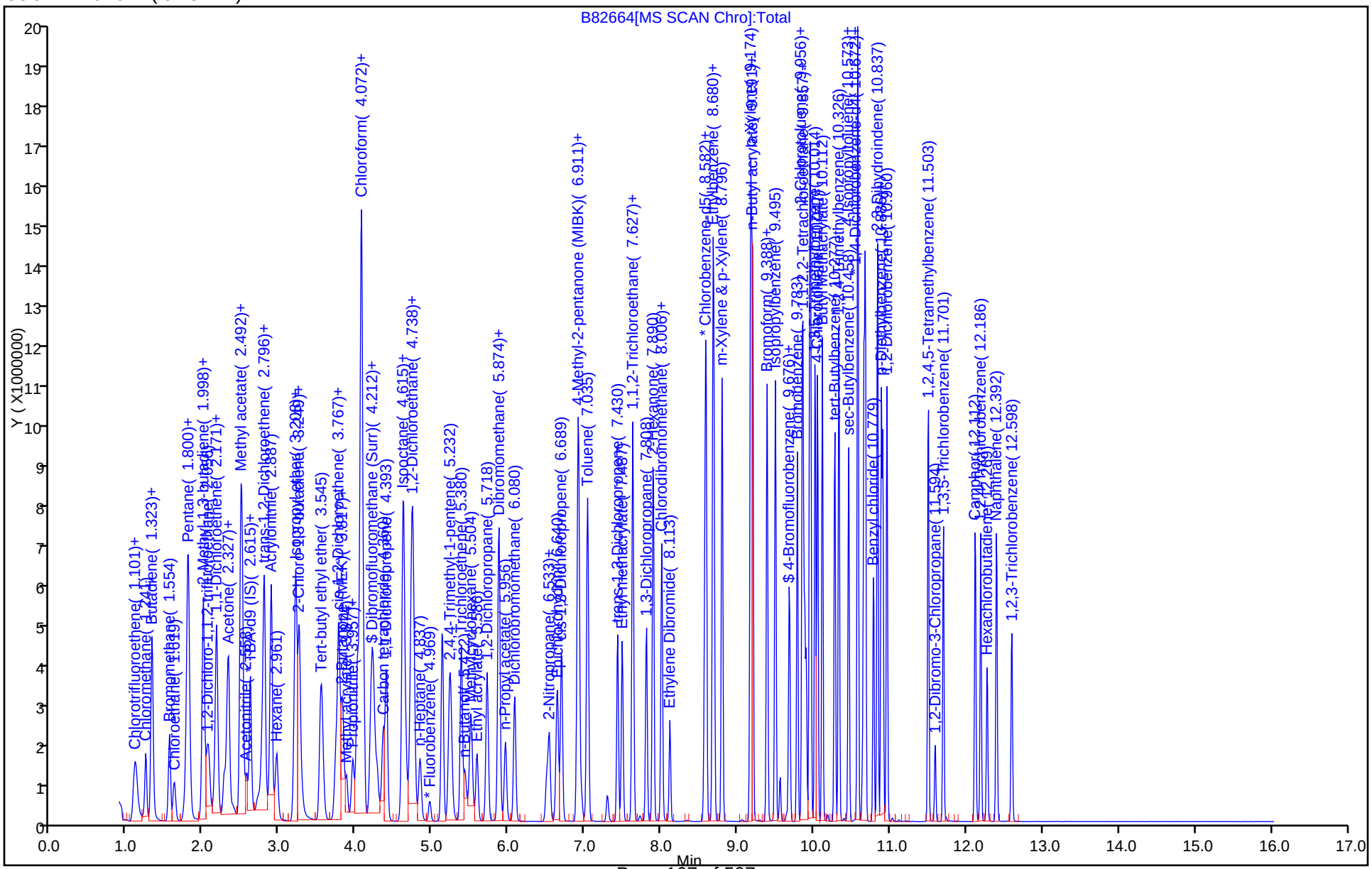
Report Date: 15-May-2015 15:01:52 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82664.D

Injection Date:	15-May-2015 04:03:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82667.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 15-May-2015 05:15:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0027416-011
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:54 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: baronm Date: 15-May-2015 15:01:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.648	2.632	0.016	86	303301	1000.0	1000.0	
31 Acrylonitrile	53	2.887	2.878	0.009	22	1933	2.00	1.88	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	96	215464	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.269	-0.008	93	119355	50.0	48.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	96	159344	50.0	48.3	
* 62 Fluorobenzene	96	4.952	4.961	-0.009	99	490139	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.792	5.800	-0.008	93	29361	1000.0	1000.0	
77 Epichlorohydrin	57	6.631	6.623	0.008	3	887	5.00	3.31	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	457693	50.0	49.8	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	87	418375	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	87	147953	50.0	50.0	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	230911	50.0	50.0	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
ACRY/EPIH MIX_00010	Amount Added:	2.00	Units: uL	
GAS Hi_00097	Amount Added:	0.00	Units: uL	
MIX I Hi_00039	Amount Added:	0.00	Units: uL	
ACROLEIN W_00037	Amount Added:	0.00	Units: uL	
	Amount Added:	0.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	0.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

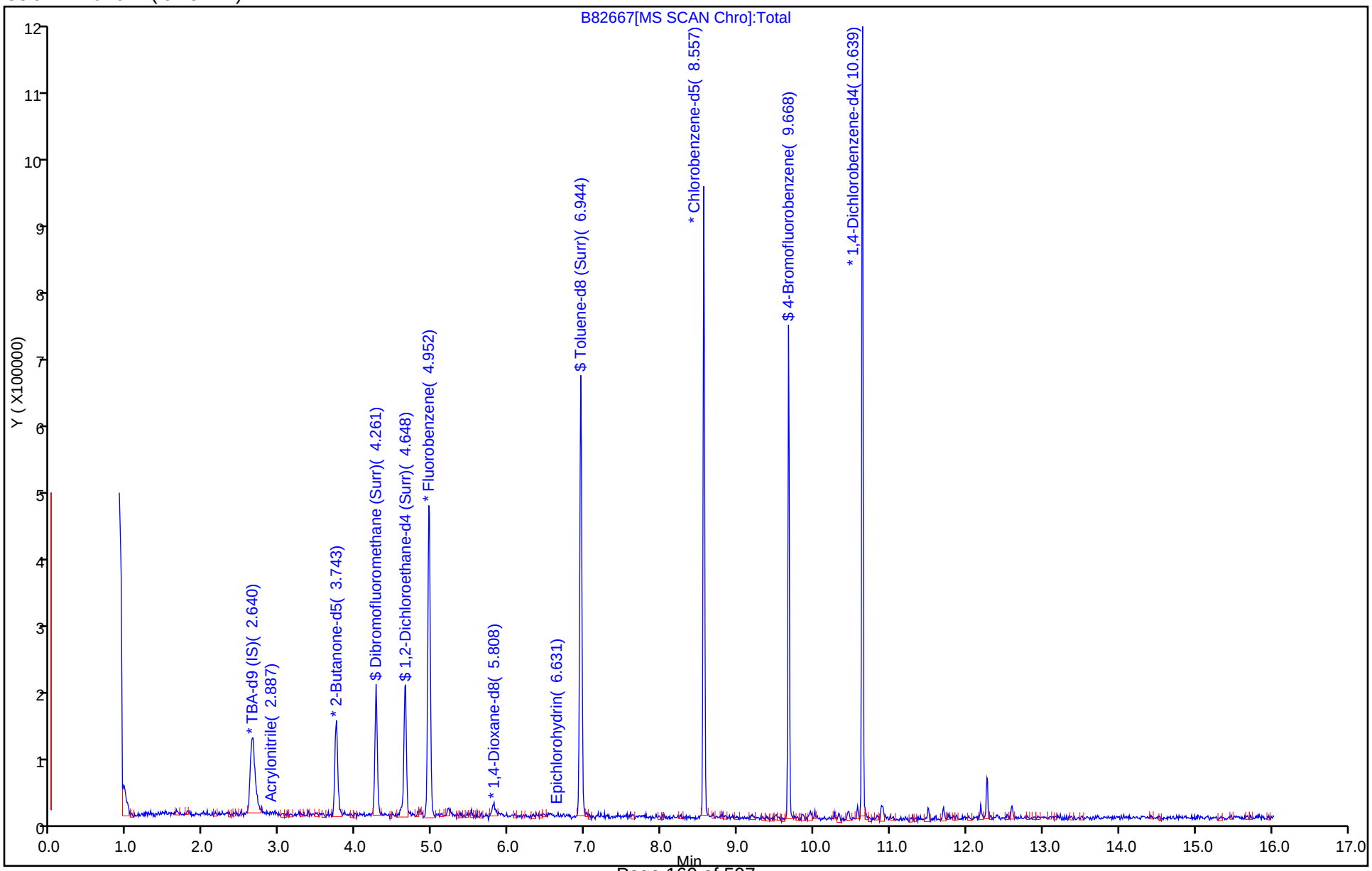
Report Date: 15-May-2015 15:01:57 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82667.D

Injection Date:	15-May-2015 05:15:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-May-2015 07:25:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0027390-016
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:02:08 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

First Level Reviewer: tupayachia Date: 15-May-2015 07:44:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	27	2295	1.00	0.5796	
3 Chloromethane	50	1.241	1.224	0.017	60	3184	1.00	0.9317	
5 Butadiene	54	1.315	1.307	0.008	65	3429	1.00	1.05	
4 Vinyl chloride	62	1.323	1.315	0.008	48	3837	1.00	1.00	
6 Bromomethane	94	1.545	1.545	0.000	63	2833	1.00	0.9260	
7 Chloroethane	64	1.611	1.603	0.008	20	2317	1.00	1.08	
10 Trichlorofluoromethane	101	1.792	1.767	0.025	47	5637	1.00	1.20	
9 Dichlorofluoromethane	67	1.776	1.784	-0.008	89	6072	1.00	1.02	M
8 Pentane	72	1.825	1.800	0.025	38	740	2.00	2.03	
11 Ethyl ether	59	1.981	1.981	0.000	1	2055	1.00	0.9292	M
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	32	1732	1.00	0.7439	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.047	0.008	1	1451	1.00	0.6989	
15 Acrolein	56	2.154	2.146	0.008	1	80	4.00	0.6184	M
16 1,1,2-Trichloro-1,2,2-trif	101	2.179	2.154	0.025	9	2350	1.00	0.9705	M
17 1,1-Dichloroethene	96	2.179	2.163	0.017	19	2162	1.00	0.8258	
18 Acetone	43	2.278	2.269	0.009	52	3532	5.00	5.29	M
19 Iodomethane	142	2.311	2.302	0.009	55	4228	1.00	0.9218	
20 Carbon disulfide	76	2.327	2.327	0.000	90	8590	1.00	0.8742	
21 Isopropyl alcohol	45	2.376	2.376	0.000	1	1240	10.0	9.09	
22 3-Chloro-1-propene	76	2.475	2.483	-0.008	17	1460	1.00	0.9792	
23 Cyclopentene	67	2.483	2.483	0.000	23	5238	1.00	0.7390	
24 Methyl acetate	43	2.516	2.500	0.016	98	11132	5.00	4.64	
25 Acetonitrile	41	2.566	2.558	0.008	1	3002	10.0	8.32	
26 Methylene Chloride	84	2.607	2.607	0.000	23	3374	1.00	1.04	
* 27 TBA-d9 (IS)	65	2.656	2.632	0.024	86	268231	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.689	2.714	-0.025	50	4612	10.0	13.5	
29 Methyl tert-butyl ether	73	2.788	2.780	0.008	58	7998	1.00	0.9077	
30 trans-1,2-Dichloroethene	96	2.788	2.788	0.000	35	3702	1.00	1.19	
31 Acrylonitrile	53	2.887	2.878	0.009	90	8216	10.0	8.47	
32 Hexane	43	2.969	2.953	0.016	37	1615	1.00	1.32	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Isopropyl ether	45	3.208	3.199	0.009	57	9488	1.00	1.01	
33 1,1-Dichloroethane	63	3.224	3.199	0.025	13	5079	1.00	0.9298	
36 Vinyl acetate	86	3.257	3.241	0.016	81	344	2.00	3.50	
35 2-Chloro-1,3-butadiene	88	3.265	3.249	0.016	41	2222	1.00	0.8365	
38 Tert-butyl ethyl ether	59	3.553	3.537	0.016	55	8506	1.00	0.9010	M
39 2,2-Dichloropropane	41	3.743	3.718	0.025	47	4567	1.00	1.83	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	98	199893	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	30	4236	1.00	1.23	
41 2-Butanone (MEK)	72	3.800	3.792	0.008	62	1460	5.00	4.90	
43 Methyl acrylate	55	3.874	3.866	0.008	16	2282	1.00	1.01	
44 Propionitrile	54	3.948	3.940	0.008	12	2552	10.0	6.97	
46 Tetrahydrofuran	72	3.998	3.998	0.000	11	587	2.00	1.66	
45 Chlorobromomethane	128	4.031	4.014	0.017	21	1458	1.00	0.9811	M
47 Methacrylonitrile	67	4.055	4.047	0.008	88	9690	10.0	8.51	
48 Chloroform	83	4.096	4.088	0.008	45	5987	1.00	1.12	
49 Cyclohexane	84	4.187	4.187	0.000	36	3151	1.00	0.9016	
50 1,1,1-Trichloroethane	97	4.228	4.220	0.008	1	3867	1.00	0.8784	M
$ 51 Dibromofluoromethane (Surr	113	4.269	4.269	0.000	95	115309	50.0	49.3	
52 Carbon tetrachloride	117	4.352	4.352	0.000	52	3016	1.00	0.8733	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	1	2952	1.00	0.8518	M
54 Isooctane	57	4.607	4.599	0.009	70	6301	1.00	1.71	
55 Benzene	78	4.607	4.607	0.000	70	11671	1.00	0.9720	
56 Isobutyl alcohol	43	4.615	4.631	-0.016	24	2226	25.0	17.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.640	0.008	96	163458	50.0	52.4	
58 Tert-amyl methyl ether	73	4.730	4.714	0.016	76	9070	1.00	0.8787	
59 Isopropyl acetate	87	4.730	4.722	0.008	55	2193	1.00	0.8382	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	34	4686	1.00	1.06	
61 n-Heptane	57	4.829	4.837	-0.008	48	970	1.00	1.14	
* 62 Fluorobenzene	96	4.961	4.961	0.000	99	463067	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.216	5.216	0.000	72	8646	2.00	2.18	
64 Trichloroethene	95	5.372	5.364	0.008	47	2420	1.00	0.8427	
65 n-Butanol	56	5.446	5.421	0.025	1	474	25.0	7.31	
66 Methylcyclohexane	83	5.504	5.496	0.008	41	3116	1.00	1.07	
67 Ethyl acrylate	55	5.578	5.578	0.000	1	3594	1.00	1.04	
68 1,2-Dichloropropane	63	5.701	5.710	-0.009	44	2516	1.00	0.8397	
* 69 1,4-Dioxane-d8	96	5.792	5.800	-0.008	91	27559	1000.0	1000.0	
70 Dibromomethane	93	5.866	5.858	0.008	35	1930	1.00	1.05	
72 Methyl methacrylate	100	5.891	5.866	0.025	1	2366	2.00	3.24	M
71 1,4-Dioxane	88	5.874	5.866	0.008	2	1161	50.0	38.8	
73 n-Propyl acetate	43	5.956	5.948	0.008	57	4076	1.00	1.07	
74 Dichlorobromomethane	83	6.072	6.072	0.000	64	4571	1.00	1.08	
75 2-Nitropropane	41	6.500	6.491	0.009	46	1915	2.00	2.49	
76 2-Chloroethyl vinyl ether	63	6.532	6.532	0.000	33	1701	1.00	0.9185	
77 Epichlorohydrin	57	6.639	6.623	0.016	51	5534	20.0	22.2	
78 cis-1,3-Dichloropropene	75	6.681	6.689	-0.008	6	4088	1.00	0.8557	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.903	0.008	79	15408	5.00	5.45	
$ 80 Toluene-d8 (Surr)	98	6.944	6.944	0.000	99	462442	50.0	49.6	
81 Toluene	91	7.026	7.026	0.000	65	12398	1.00	1.03	
82 trans-1,3-Dichloropropene	75	7.429	7.421	0.008	23	3306	1.00	0.8204	
83 Ethyl methacrylate	69	7.495	7.487	0.008	5	2890	1.00	0.7558	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	83	2517	1.00	1.06	
85 Tetrachloroethene	166	7.619	7.627	-0.008	78	2191	1.00	0.8808	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	7.808	7.800	0.008	85	5090	1.00	1.07	
87 2-Hexanone	43	7.890	7.890	0.000	75	6912	5.00	3.92	
88 Chlorodibromomethane	129	7.997	7.997	0.000	58	2659	1.00	0.9496	
89 n-Butyl acetate	73	8.006	8.014	-0.008	55	841	1.00	1.16	
90 Ethylene Dibromide	107	8.104	8.113	-0.009	32	2262	1.00	0.8686	
* 91 Chlorobenzene-d5	117	8.557	8.557	0.000	86	423732	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	37	7032	1.00	0.9086	
93 Ethylbenzene	106	8.680	8.672	0.008	98	4507	1.00	1.02	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.689	0.008	37	3540	1.00	1.18	
95 m-Xylene & p-Xylene	106	8.787	8.796	-0.009	96	4492	1.00	0.8839	
96 o-Xylene	106	9.166	9.166	0.000	87	5181	1.00	0.9607	
97 n-Butyl acrylate	73	9.191	9.182	0.009	59	2925	1.00	1.02	
98 Styrene	104	9.199	9.199	0.000	40	7722	1.00	0.8670	
99 Bromoform	173	9.380	9.380	0.000	37	1468	1.00	0.8412	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	89	5263	1.00	0.8563	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	11013	1.00	0.9572	
$ 102 4-Bromofluorobenzene	174	9.668	9.668	0.000	89	151886	50.0	50.6	
103 Camphene	41	9.676	9.676	0.000	43	1260	1.00	2.15	
104 Bromobenzene	156	9.783	9.783	0.000	94	3486	1.00	1.07	
105 1,1,2,2-Tetrachloroethane	83	9.841	9.841	0.000	45	3319	1.00	0.9051	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	12254	1.00	0.9513	
107 1,2,3-Trichloropropane	110	9.874	9.882	-0.008	46	1241	1.00	1.15	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.898	0.000	1	1157	1.00	1.03	
109 2-Chlorotoluene	91	9.940	9.948	-0.008	84	9375	1.00	0.9245	
110 4-Ethyltoluene	105	9.956	9.956	0.000	95	10969	1.00	0.99	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	89	10237	1.00	1.07	
112 4-Chlorotoluene	91	10.047	10.047	0.000	94	12047	1.00	1.19	
113 Butyl Methacrylate	87	10.112	10.112	0.000	33	3496	1.00	0.7849	
114 tert-Butylbenzene	119	10.277	10.269	0.008	96	5666	1.00	0.8570	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	88	8686	1.00	0.8919	
116 sec-Butylbenzene	105	10.450	10.458	-0.008	96	10438	1.00	1.09	
117 1,3-Dichlorobenzene	146	10.573	10.573	0.000	85	5815	1.00	0.9832	
118 4-Isopropyltoluene	119	10.573	10.573	0.000	92	8099	1.00	0.9701	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	97	229121	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.656	0.000	57	6392	1.00	1.08	
121 Benzyl chloride	91	10.779	10.779	0.000	72	5424	1.00	0.9055	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	92	12289	1.00	1.06	
123 p-Diethylbenzene	119	10.878	10.886	-0.008	70	5141	1.00	1.05	
124 n-Butylbenzene	91	10.902	10.902	0.000	91	9419	1.00	1.01	
125 1,2-Dichlorobenzene	146	10.952	10.960	-0.008	87	5546	1.00	0.9523	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.495	0.008	91	8917	1.00	1.08	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	9	650	1.00	0.8725	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	42	3523	1.00	1.03	
129 Camphor	95	12.112	12.112	0.000	14	1877	5.00	4.41	
130 1,2,4-Trichlorobenzene	180	12.186	12.186	0.000	35	3174	1.00	1.03	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	23	1688	1.00	1.89	
132 Naphthalene	128	12.392	12.392	0.000	83	8934	1.00	1.11	
133 1,2,3-Trichlorobenzene	180	12.590	12.598	-0.008	35	2947	1.00	1.25	M
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.42	
S 135 Xylenes, Total	100				0		2.00	1.84	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00029	Amount Added:	1.00	Units: uL	
8260 MIX3 HI_00013	Amount Added:	1.00	Units: uL	
GAS Hi_00097	Amount Added:	1.00	Units: uL	
MIX I Hi_00039	Amount Added:	1.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
14DIOXINTER_00030	Amount Added:	30.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

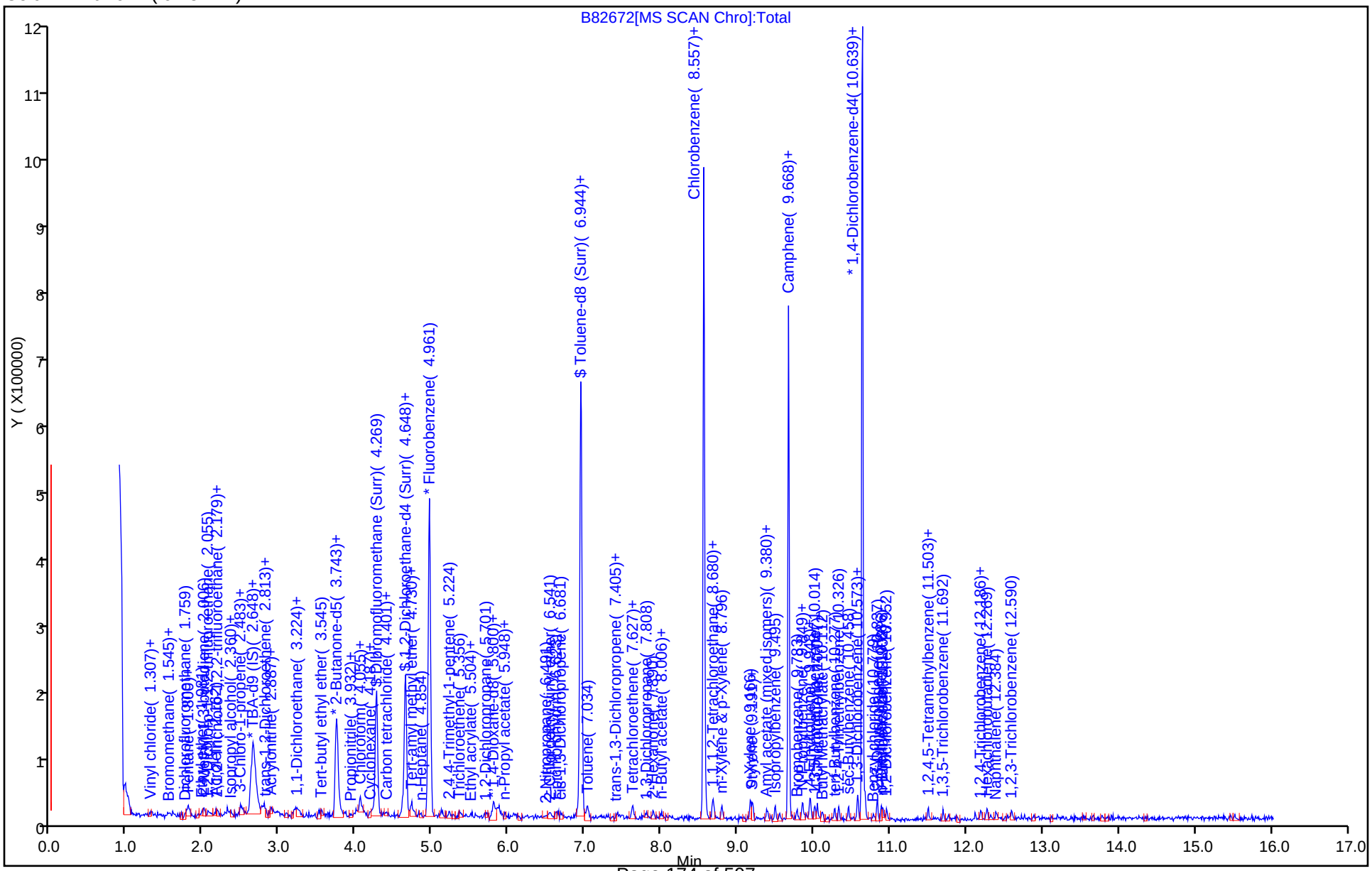
Report Date: 15-May-2015 15:02:10 Chrom Revision: 2.2 07-Apr-2015 13:11:02

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Injection Date:	15-May-2015 07:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

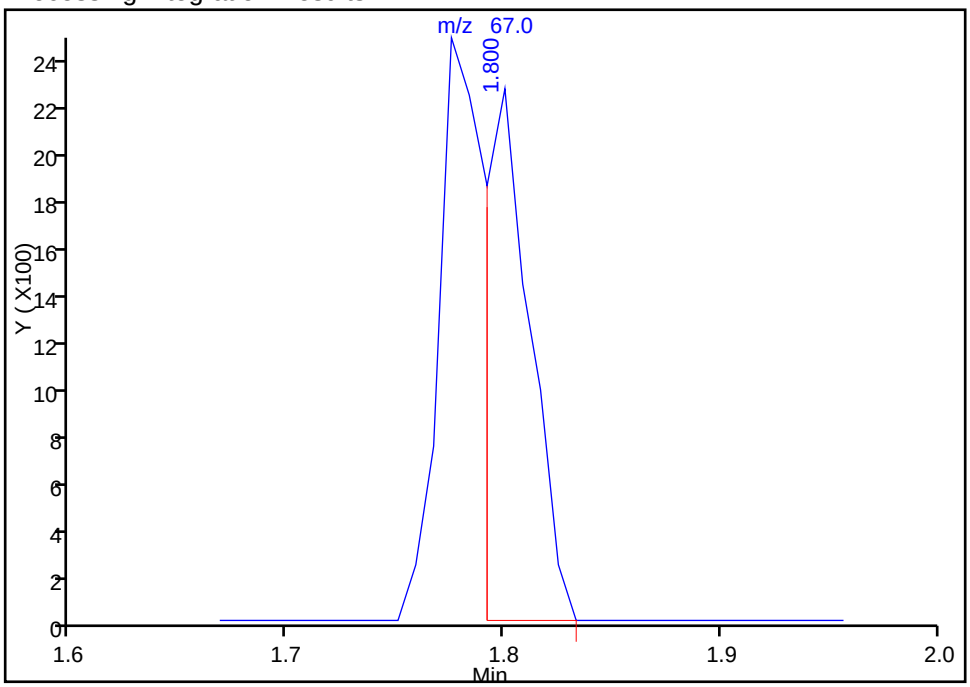
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Dichlorofluoromethane, CAS: 75-43-4

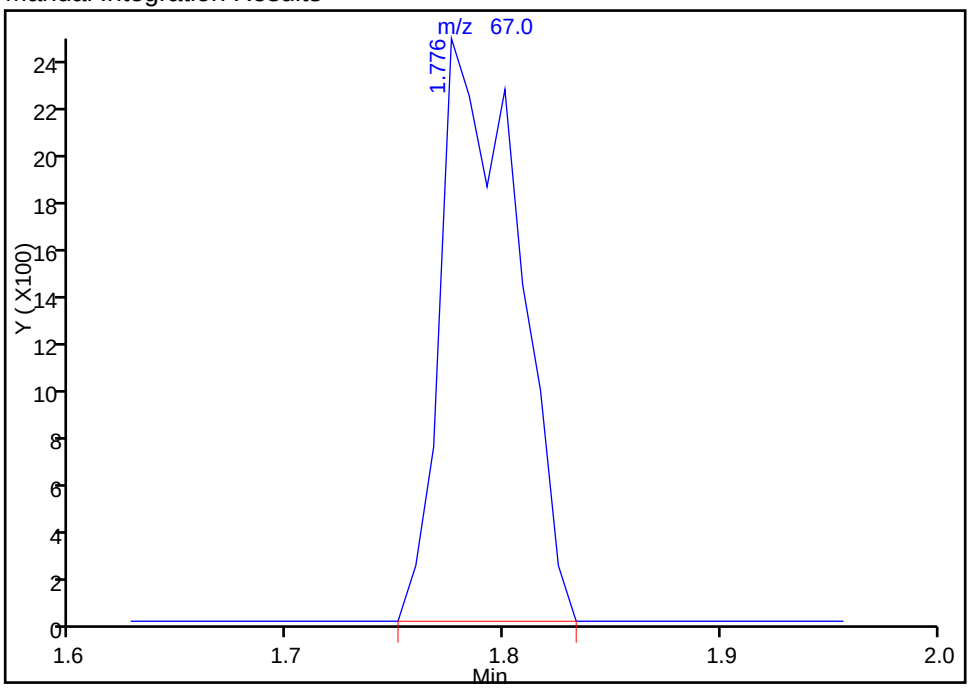
Processing Integration Results

RT: 1.80
Area: 3297
Amount: 0.534305
Amount Units: ug/l



Manual Integration Results

RT: 1.78
Area: 6072
Amount: 1.015745
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

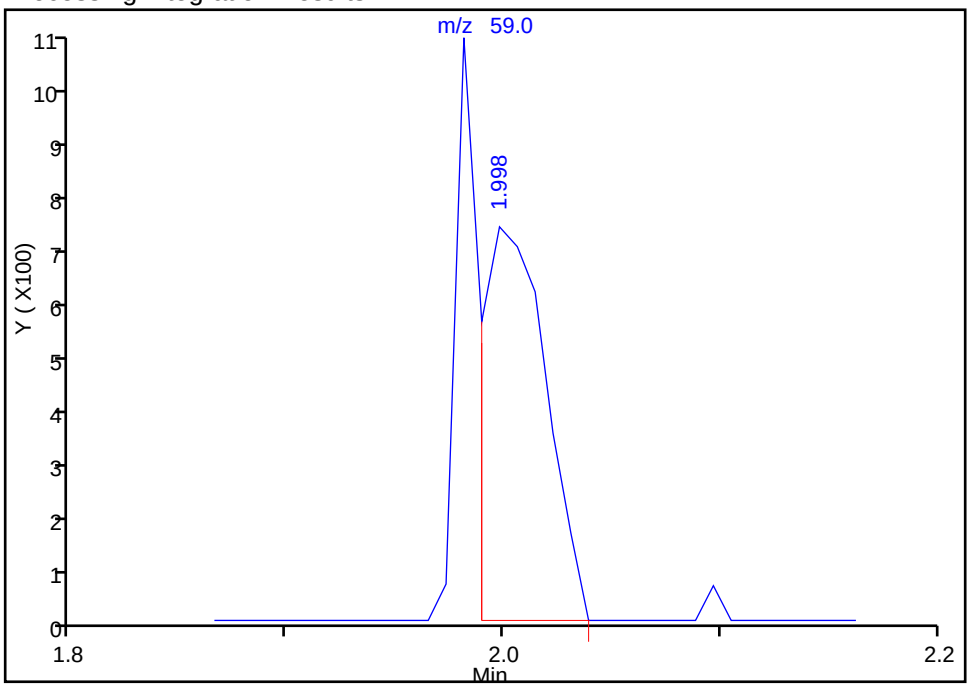
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

11 Ethyl ether, CAS: 60-29-7

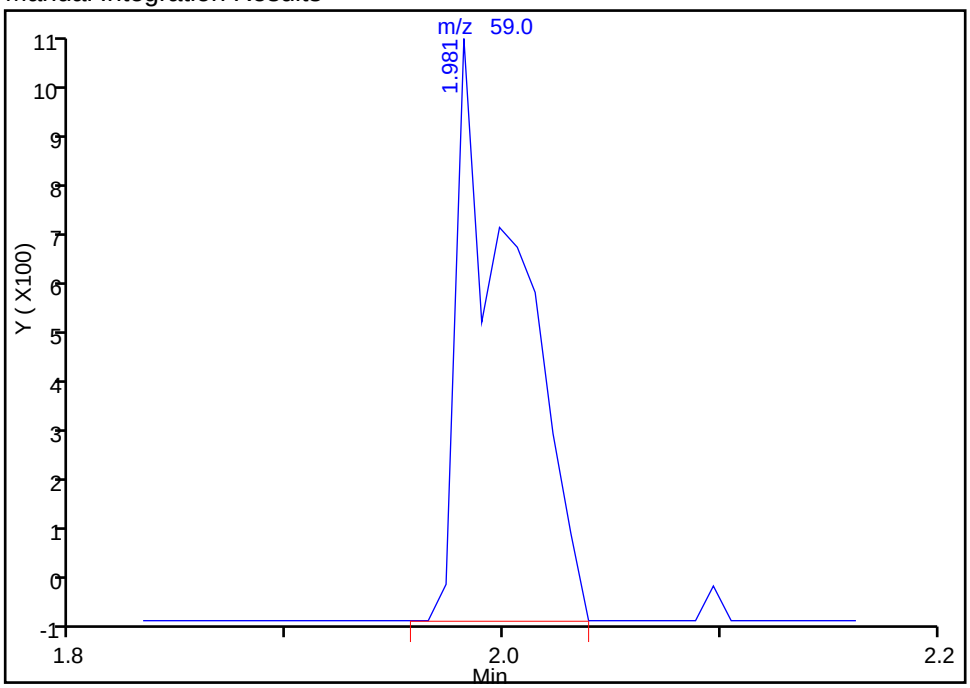
Processing Integration Results

RT: 2.00
Area: 1495
Amount: 0.705789
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 2055
Amount: 0.929220
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

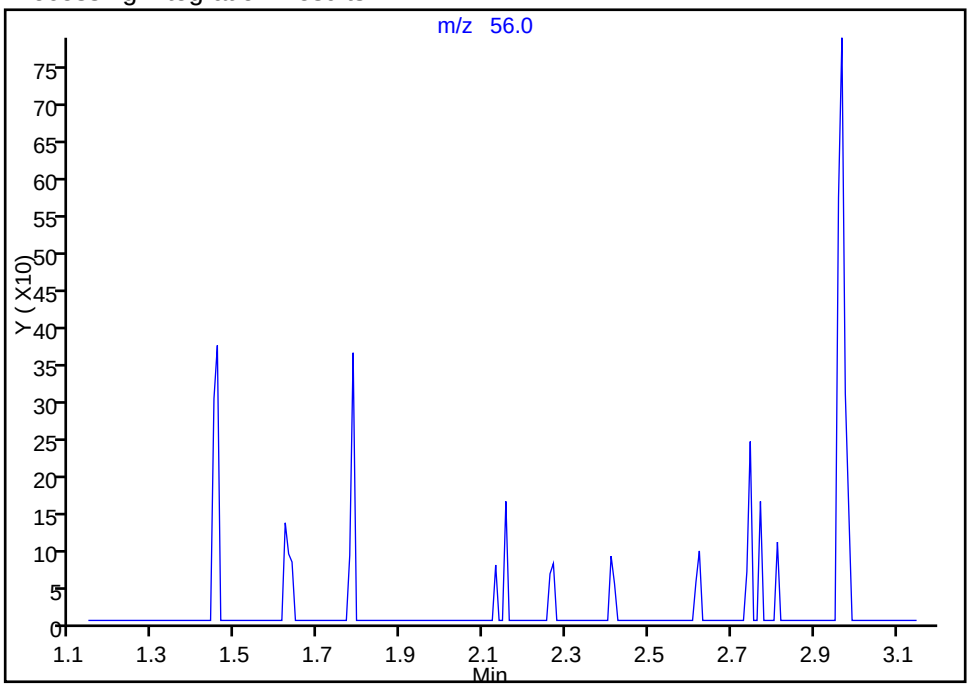
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

15 Acrolein, CAS: 107-02-8

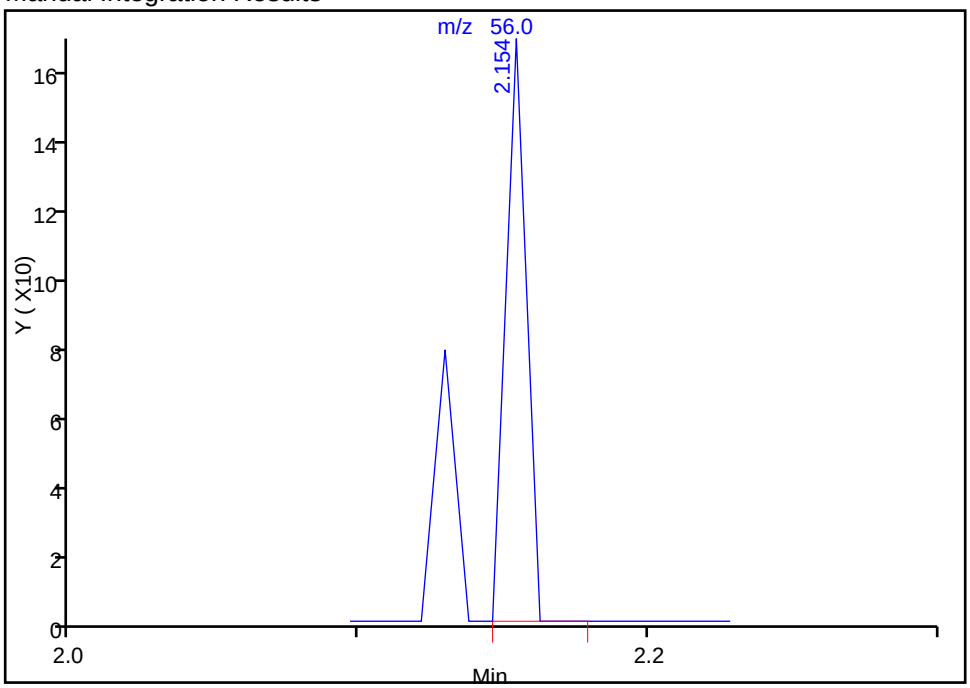
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.15
Area: 80
Amount: 0.618397
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

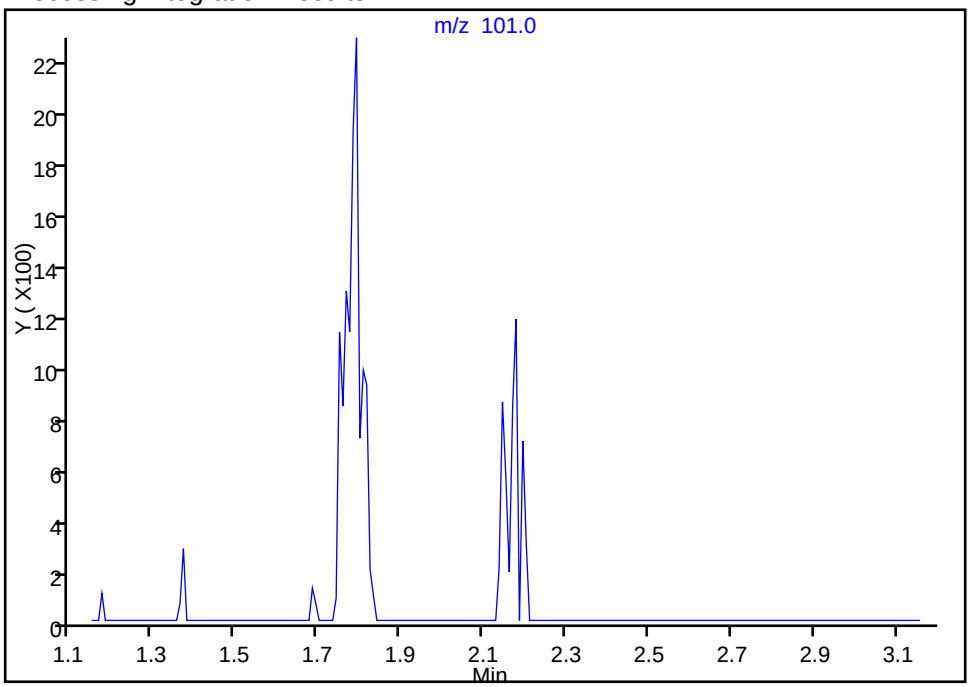
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

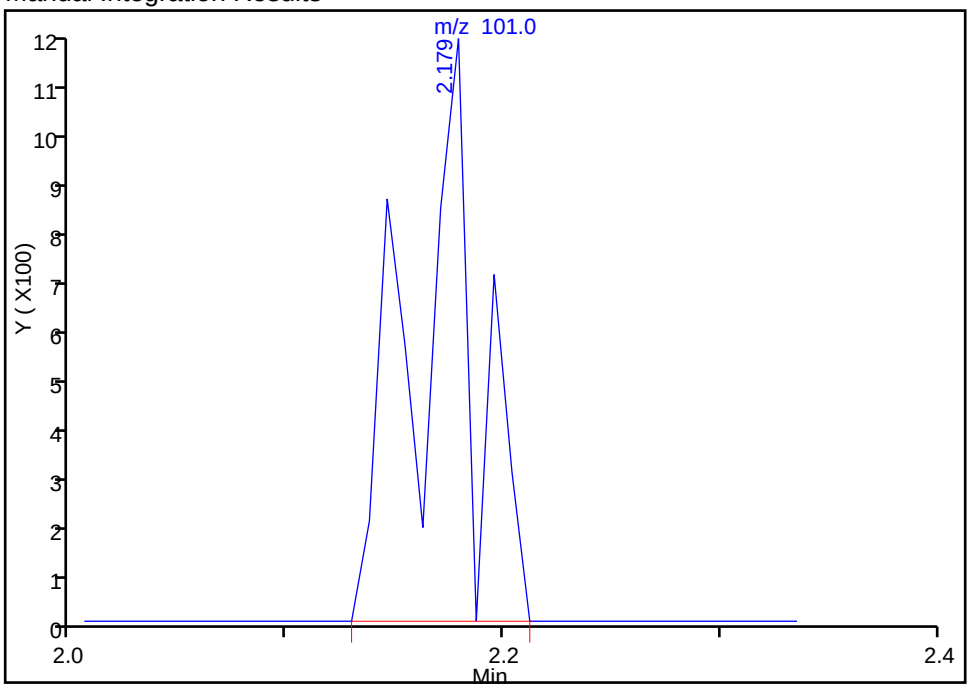
Not Detected
Expected RT: 2.15

Processing Integration Results



Manual Integration Results

RT: 2.18
Area: 2350
Amount: 0.970547
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

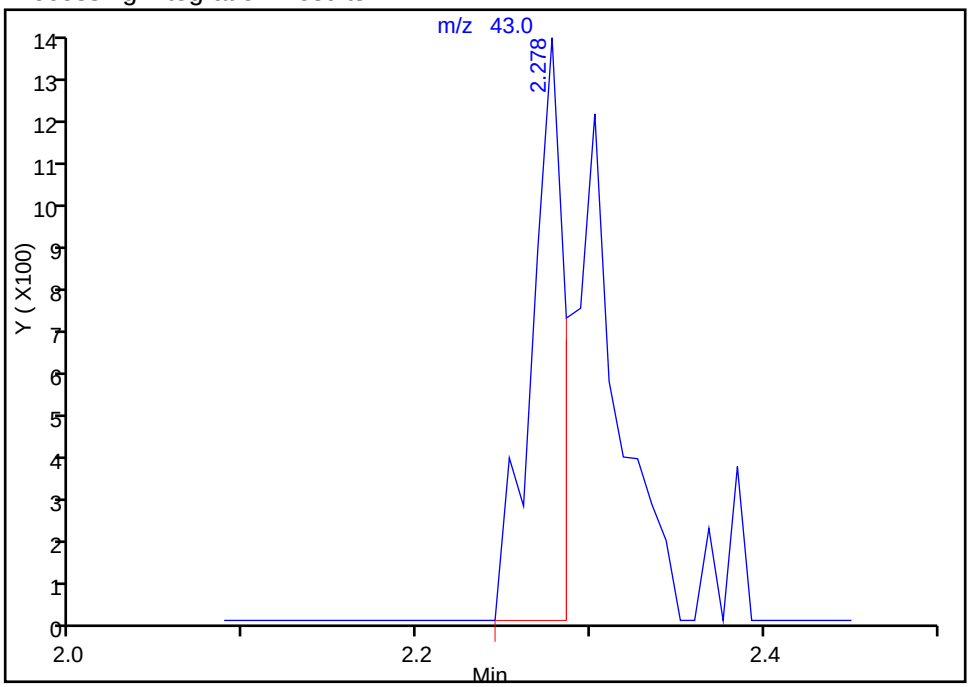
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

18 Acetone, CAS: 67-64-1

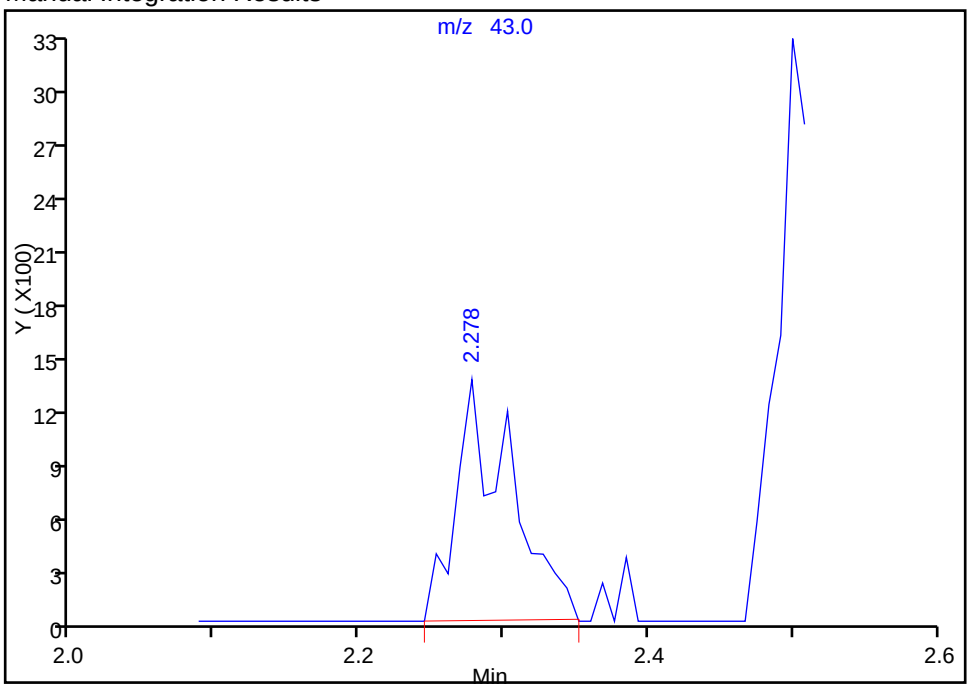
Processing Integration Results

RT: 2.28
Area: 1761
Amount: 2.830087
Amount Units: ug/l



Manual Integration Results

RT: 2.28
Area: 3532
Amount: 5.286049
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

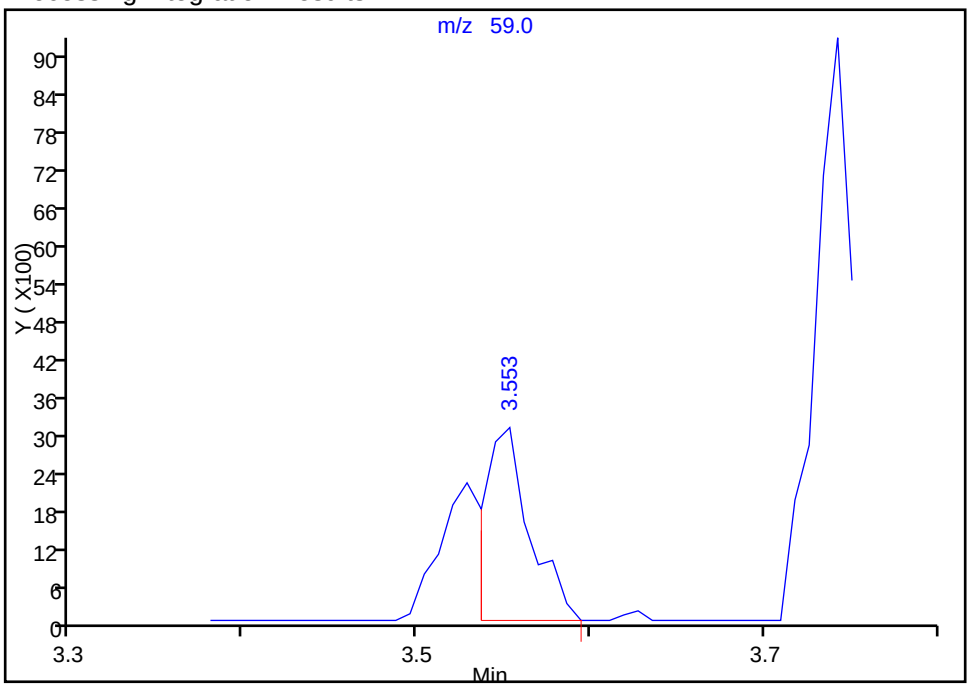
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 Tert-butyl ethyl ether, CAS: 637-92-3

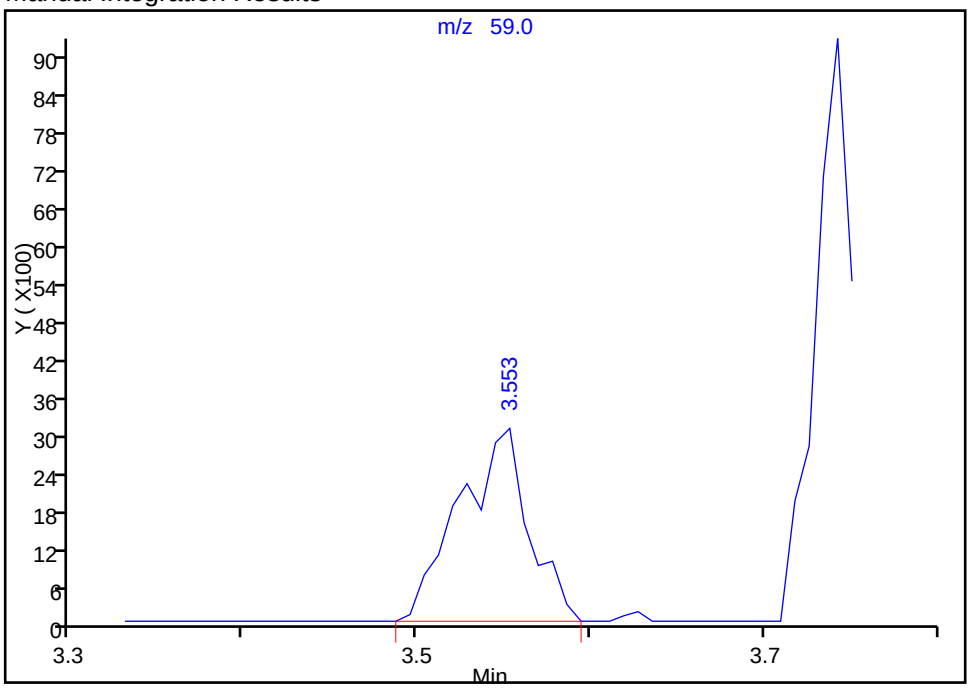
Processing Integration Results

RT: 3.55
Area: 5590
Amount: 0.544899
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 8506
Amount: 0.901003
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

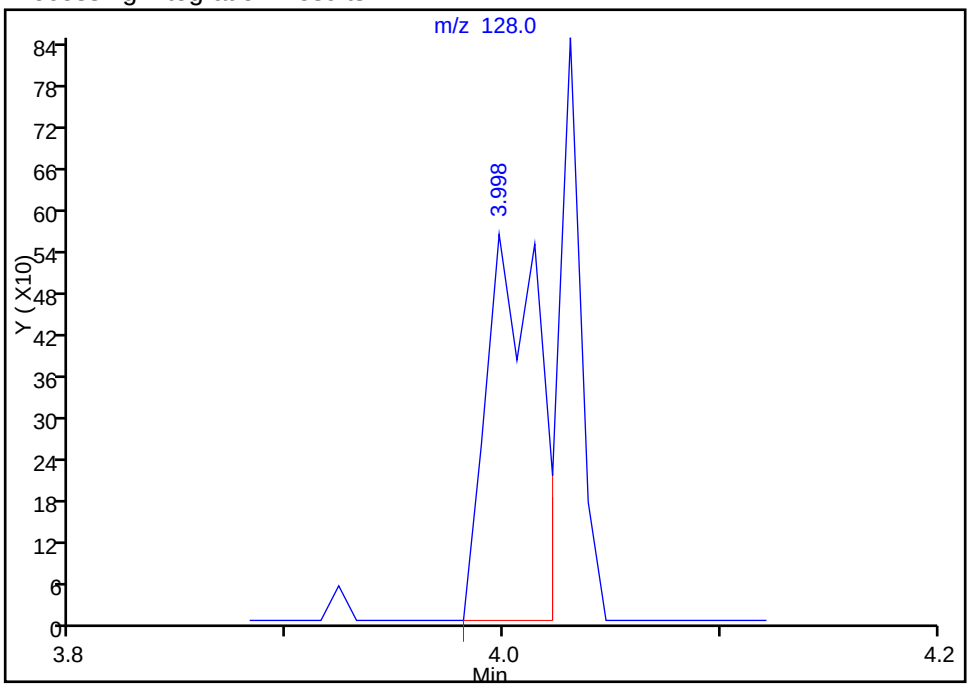
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

45 Chlorobromomethane, CAS: 74-97-5

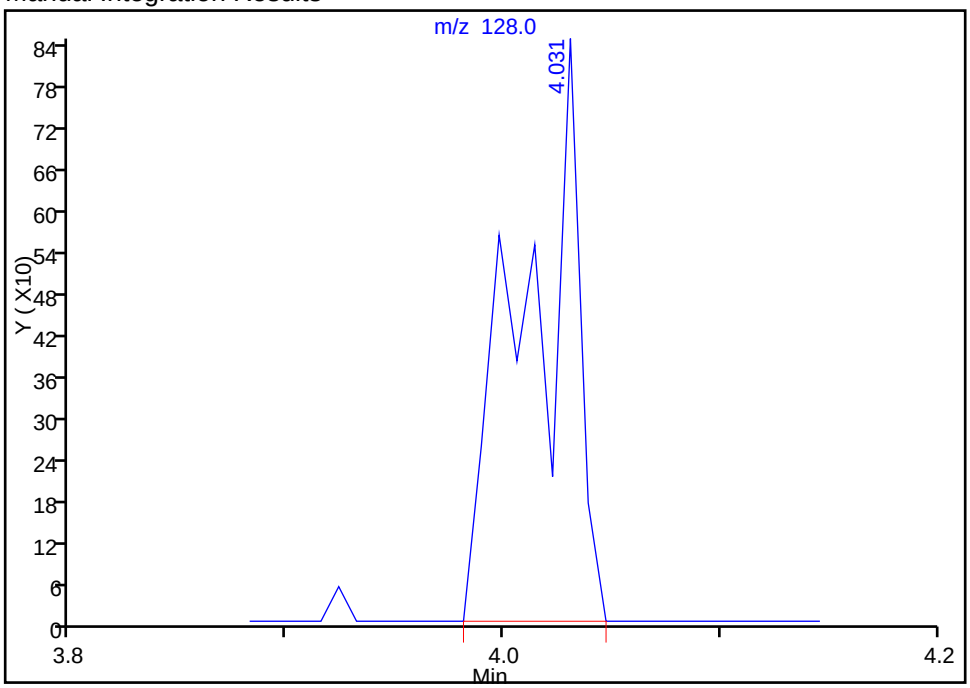
Processing Integration Results

RT: 4.00
Area: 958
Amount: 0.682927
Amount Units: ug/l



Manual Integration Results

RT: 4.03
Area: 1458
Amount: 0.981079
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 14:53:32
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

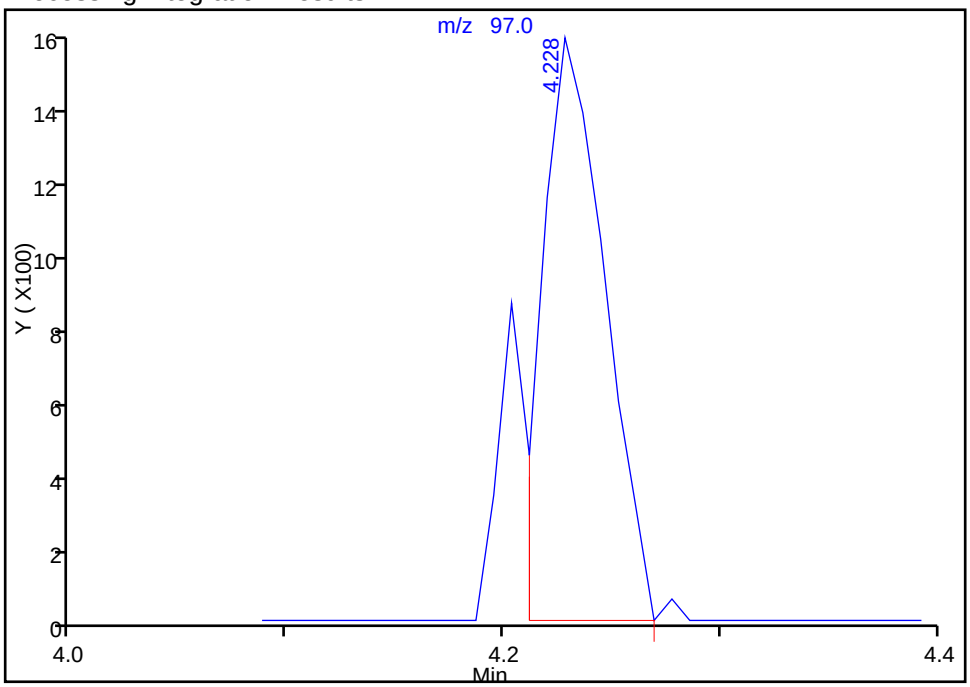
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

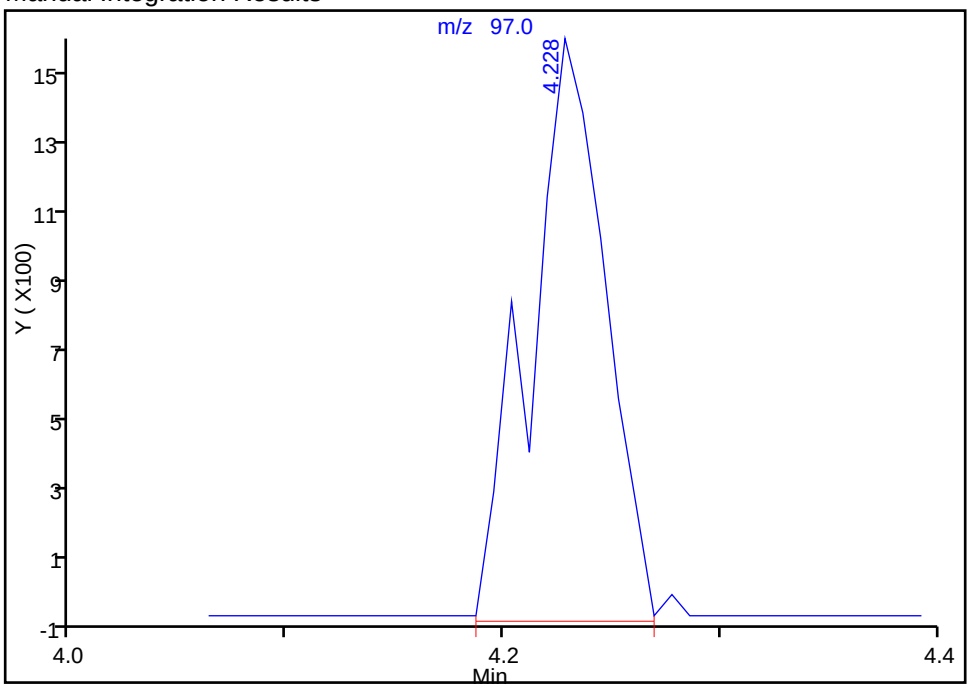
Processing Integration Results

RT: 4.23
Area: 3194
Amount: 0.747486
Amount Units: ug/l



Manual Integration Results

RT: 4.23
Area: 3867
Amount: 0.878422
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

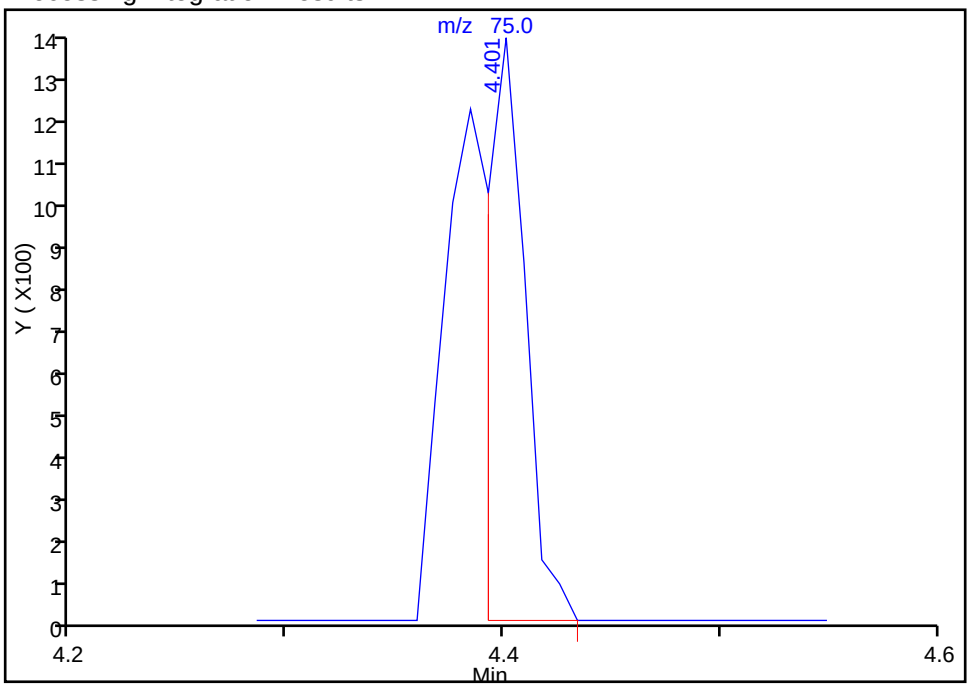
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

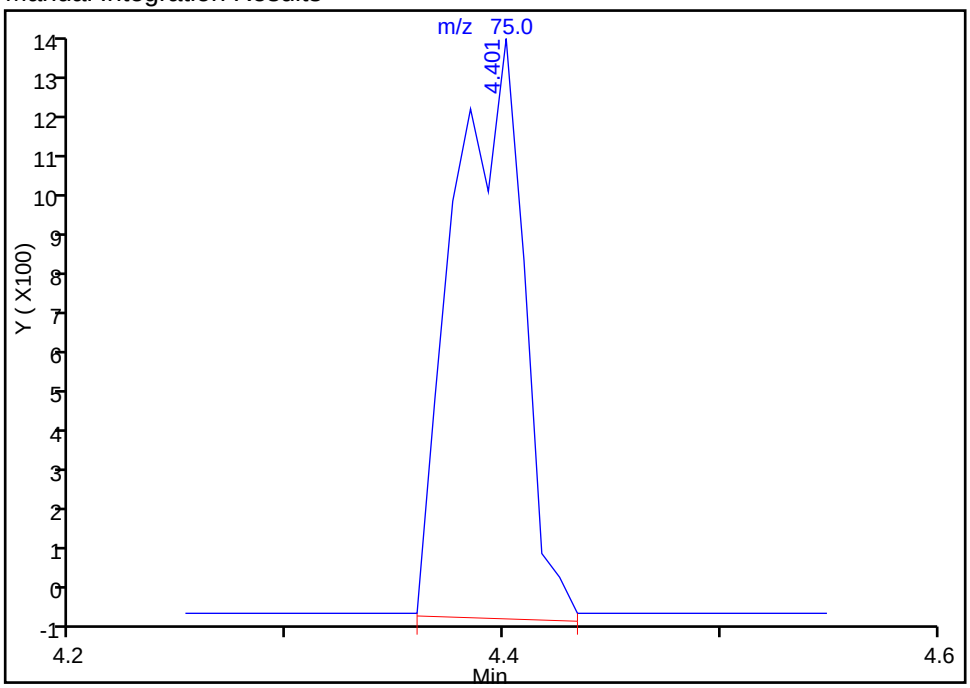
Processing Integration Results

RT: 4.40
Area: 1623
Amount: 0.437816
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 2952
Amount: 0.851754
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

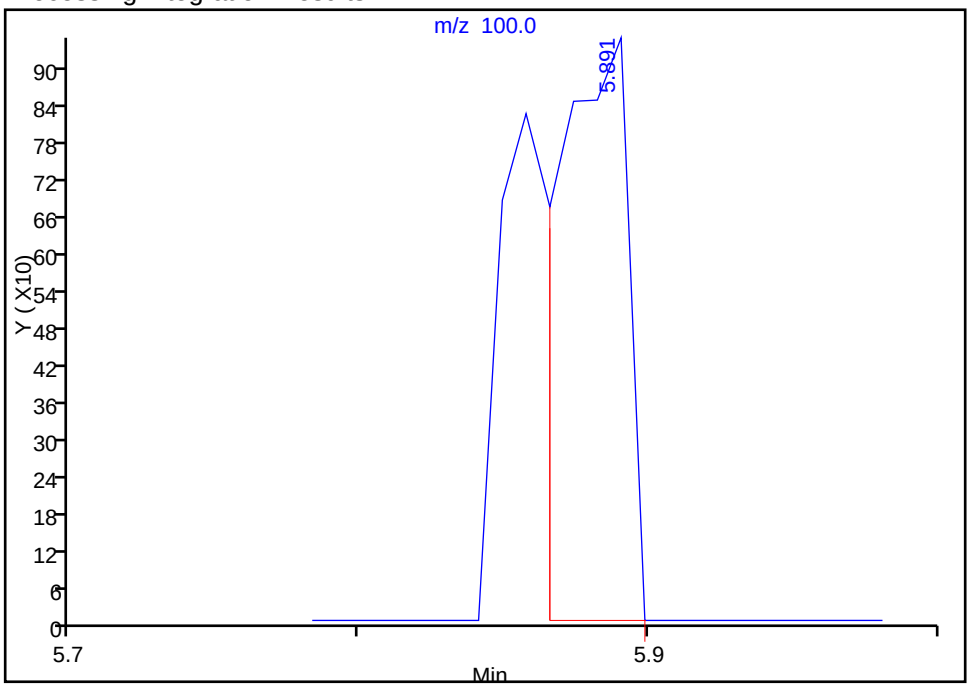
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

72 Methyl methacrylate, CAS: 80-62-6

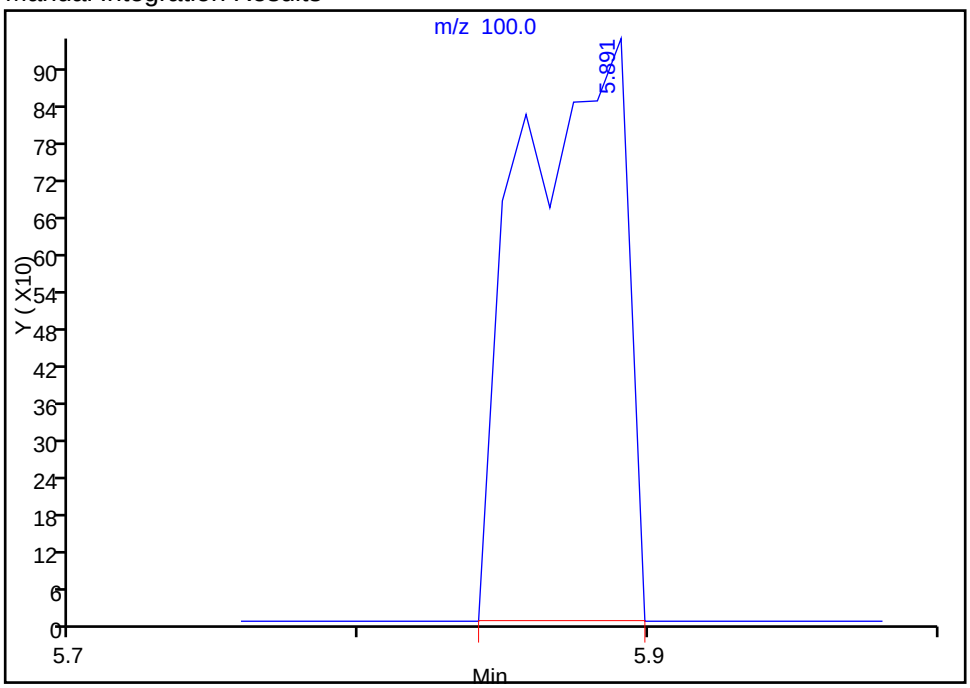
Processing Integration Results

RT: 5.89
Area: 1628
Amount: 2.266445
Amount Units: ug/l



Manual Integration Results

RT: 5.89
Area: 2366
Amount: 3.243180
Amount Units: ug/l



Reviewer: baronm, 15-May-2015 11:01:04
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

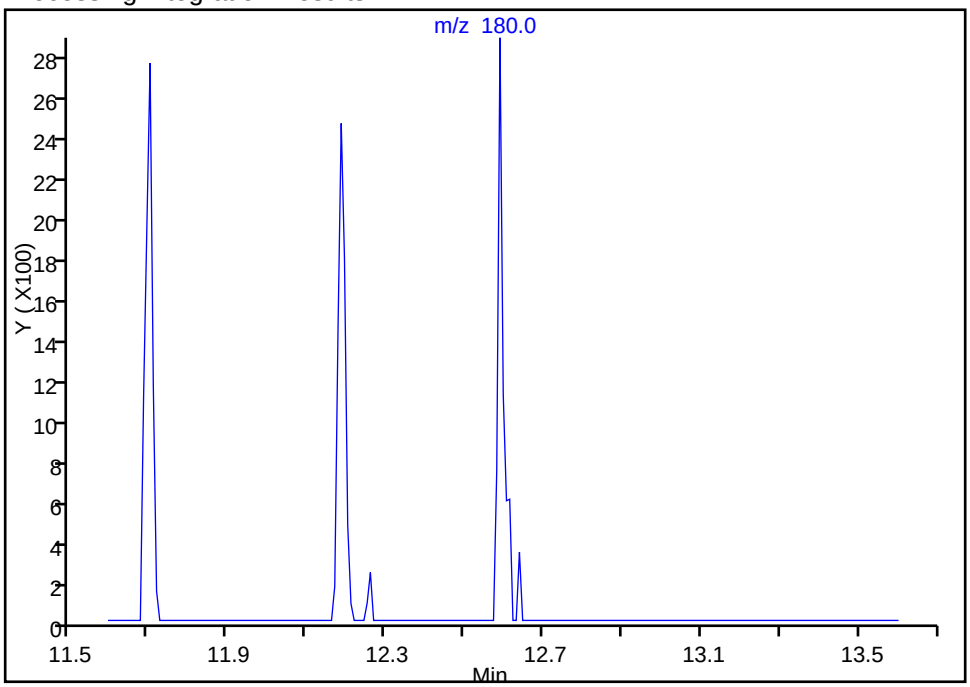
TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D
Injection Date: 15-May-2015 07:25:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

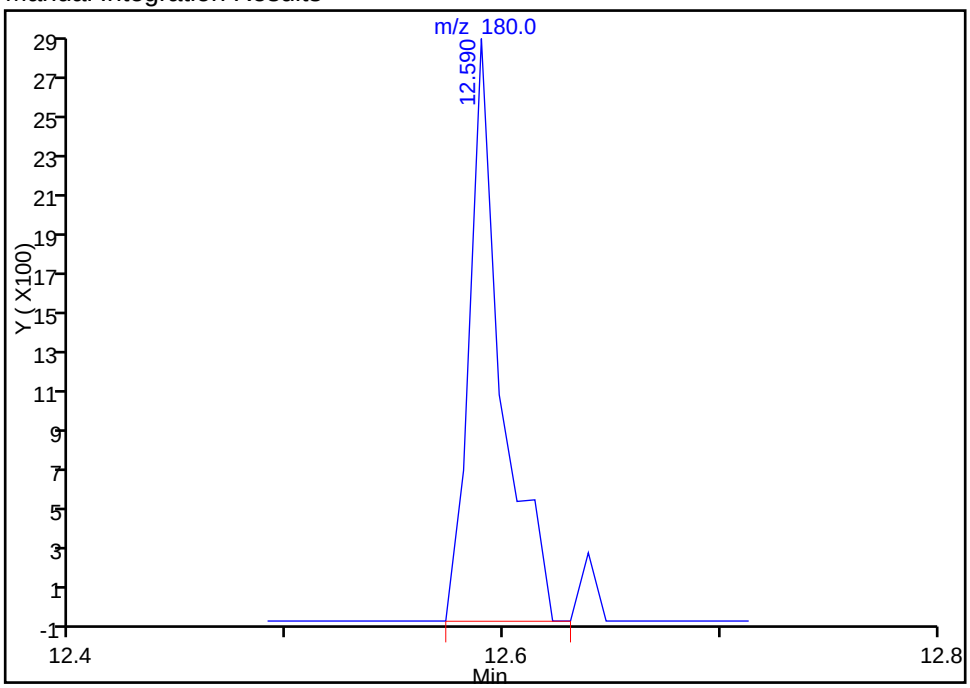
Not Detected
Expected RT: 12.60

Processing Integration Results



Manual Integration Results

RT: 12.59
Area: 2947
Amount: 1.252142
Amount Units: ug/l



Reviewer: tupayachia, 15-May-2015 07:53:37
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0927	0.1088		23.5	20.0	17.4	20.0
Dichlorodifluoromethane	Ave	0.6488	0.7901	0.1000	24.4	20.0	21.8*	20.0
Chloromethane	Ave	0.5164	0.5574	0.1000	21.6	20.0	7.9	20.0
Vinyl chloride	Ave	0.5901	0.6479	0.1000	22.0	20.0	9.8	20.0
Butadiene	Ave	0.5367	0.6073		22.6	20.0	13.1	20.0
Bromomethane	QuaF		0.4446	0.1000	25.5	20.0	27.3	50.0
Chloroethane	Ave	0.3860	0.4005	0.1000	20.8	20.0	3.8	50.0
Dichlorofluoromethane	Ave	0.8275	0.9565		23.1	20.0	15.6	20.0
Trichlorofluoromethane	Ave	0.8077	0.9120	0.1000	22.6	20.0	12.9	20.0
Pentane	Ave	0.1052	0.1132		43.0	40.0	7.6	20.0
Ethanol	QuaF		0.0651		911	800	13.9	50.0
Ethyl ether	Ave	0.3058	0.3107		20.3	20.0	1.6	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4427	0.4966		22.4	20.0	12.2	20.0
2-Methyl-1,3-butadiene	Ave	0.4492	0.5030		22.4	20.0	12.0	20.0
Acrolein	Ave	0.5308	0.4806		272	300	-9.5	50.0
1,1-Dichloroethene	Ave	0.4736	0.5239	0.1000	22.1	20.0	10.6	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.5162	0.5814	0.1000	22.5	20.0	12.6	20.0
Acetone	QuaF		1.569	0.0500	146	100	45.8	50.0
Iodomethane	QuaF		0.5316		17.9	20.0	-10.5	20.0
Isopropyl alcohol	QuaF		0.7992		229	200	14.5	50.0
Carbon disulfide	Ave	1.628	1.711	0.1000	21.0	20.0	5.1	50.0
Allyl chloride	QuaF		0.3315		27.8	20.0	39.1*	20.0
Methyl acetate	QuaF		9.095	0.1000	97.4	100	-2.6	20.0
Acetonitrile	Ave	1.311	1.391		212	200	6.1	20.0
Cyclopentene	Ave	1.350	1.531		22.7	20.0	13.4	20.0
Methylene Chloride	Ave	0.4429	0.4632	0.1000	20.9	20.0	4.6	20.0
2-Methyl-2-propanol	QuaF		1.454		248	200	23.8	50.0
Acrylonitrile	QuaF		0.0948		262	200	30.9*	20.0
trans-1,2-Dichloroethene	Ave	0.5087	0.5354	0.1000	21.0	20.0	5.2	20.0
Methyl tert-butyl ether	Ave	0.9228	0.995	0.1000	21.6	20.0	7.8	20.0
Hexane	Ave	0.4030	0.4479		22.2	20.0	11.1	20.0
1,1-Dichloroethane	Ave	0.7973	0.8251	0.2000	20.7	20.0	3.5	20.0
Allyl alcohol	Ave	0.2083	0.2088		501	500	0.2	50.0
Vinyl acetate	Ave	0.2927	0.3408		46.6	40.0	16.5	20.0
2-Chloro-1,3-butadiene	Ave	0.4390	0.4793		21.8	20.0	9.2	20.0
Isopropyl ether	Ave	0.9314	0.9832		21.1	20.0	5.6	20.0
Tert-butyl ethyl ether	Ave	0.8615	0.9804		22.8	20.0	13.8	20.0
2,2-Dichloropropane	Ave	0.1616	0.1815		22.5	20.0	12.3	20.0
cis-1,2-Dichloroethene	Ave	0.4698	0.5085	0.1000	21.6	20.0	8.2	20.0
2-Butanone (MEK)	QuaF		0.5127	0.0500	114	100	14.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.362	1.306		192	200	-4.1	20.0
Ethyl acetate	Ave	2.529	2.700		42.7	40.0	6.8	20.0
Methyl acrylate	Ave	0.2215	0.2295		20.7	20.0	3.6	20.0
Methacrylonitrile	Ave	0.1022	0.1087		213	200	6.3	20.0
Chlorobromomethane	QuaF		0.2092		23.4	20.0	17.1	20.0
Tetrahydrofuran	Ave	0.4316	0.4625		42.9	40.0	7.2	20.0
Chloroform	Ave	0.6942	0.7617	0.2000	21.9	20.0	9.7	20.0
1,1,1-Trichloroethane	Ave	0.6700	0.7538	0.1000	22.5	20.0	12.5	20.0
Cyclohexane	Ave	0.7098	0.8507	0.1000	24.0	20.0	19.8	50.0
Carbon tetrachloride	Ave	0.6023	0.6704	0.1000	22.3	20.0	11.3	20.0
1,1-Dichloropropene	Ave	0.5415	0.6319		23.3	20.0	16.7	20.0
Isobutyl alcohol	Ave	0.3601	0.4213		585	500	17.0	50.0
Benzene	Ave	1.914	2.059	0.5000	21.5	20.0	7.6	20.0
1,2-Dichloroethane	Ave	0.4162	0.4503	0.1000	21.6	20.0	8.2	20.0
2,2,4-Trimethylpentane	Ave	1.397	1.545		22.1	20.0	10.6	20.0
Isopropyl acetate	Ave	0.7770	0.8732		22.5	20.0	12.4	20.0
Tert-amyl methyl ether	Ave	0.7220	0.8042		22.3	20.0	11.4	20.0
n-Heptane	QuaF		0.4416		24.5	20.0	22.4*	20.0
2,4,4-Trimethyl-1-pentene	Ave	1.004	1.109		44.1	40.0	10.4	20.0
Trichloroethene	Ave	0.4248	0.4860	0.2000	22.9	20.0	14.4	20.0
Ethyl acrylate	Ave	0.5213	0.6091		23.4	20.0	16.9	20.0
Methylcyclohexane	Ave	0.7101	0.8141	0.1000	22.9	20.0	14.6	50.0
n-Butanol	QuaF		0.0547		365	500	-27.0	50.0
1,2-Dichloropropane	Ave	0.3513	0.3867	0.1000	22.0	20.0	10.1	20.0
Dibromomethane	Ave	0.1850	0.1990		21.5	20.0	7.6	20.0
Methyl methacrylate	Ave	0.1627	0.1719		42.3	40.0	5.7	20.0
1,4-Dioxane	Ave	1.254	1.384		442	400	10.4	50.0
n-Propyl acetate	Ave	0.2425	0.2721		22.4	20.0	12.2	20.0
Dichlorobromomethane	Ave	0.4704	0.5061	0.2000	21.5	20.0	7.6	20.0
2-Nitropropane	QuaF		0.0575		49.3	40.0	23.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.1398	0.1544		22.1	20.0	10.4	20.0
Epichlorohydrin	Ave	0.3028	0.3275		433	400	8.1	20.0
cis-1,3-Dichloropropene	Ave	0.6324	0.6825	0.2000	21.6	20.0	7.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.349	2.476	0.0500	105	100	5.4	50.0
Toluene	Ave	1.925	2.014	0.4000	20.9	20.0	4.6	20.0
trans-1,3-Dichloropropene	Ave	0.4878	0.5227	0.1000	21.4	20.0	7.2	50.0
Ethyl methacrylate	Ave	0.3551	0.3592		20.2	20.0	1.2	20.0
1,1,2-Trichloroethane	Ave	0.2422	0.2568	0.1000	21.2	20.0	6.0	20.0
Tetrachloroethene	Ave	0.5775	0.5949	0.2000	20.6	20.0	3.0	20.0
1,3-Dichloropropane	Ave	0.5012	0.5462		21.8	20.0	9.0	20.0
2-Hexanone	Ave	1.751	1.993	0.0500	114	100	13.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3776	0.3786	0.1000	20.1	20.0	0.3	50.0
n-Butyl acetate	QuaF		0.2974		22.8	20.0	14.0	20.0
Ethylene Dibromide	Ave	0.2930	0.3050	0.1000	20.8	20.0	4.1	20.0
Chlorobenzene	Ave	1.194	1.242	0.5000	20.8	20.0	4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4036	0.3894		19.3	20.0	-3.5	20.0
Ethylbenzene	Ave	0.7036	0.7789	0.1000	22.1	20.0	10.7	20.0
m-Xylene & p-Xylene	Ave	0.8279	0.8983	0.1000	21.7	20.0	8.5	20.0
o-Xylene	Ave	0.7901	0.8329	0.3000	21.1	20.0	5.4	20.0
Styrene	Ave	1.332	1.407	0.3000	21.1	20.0	5.6	20.0
n-Butyl acrylate	Ave	0.2100	0.2252		21.4	20.0	7.2	20.0
Bromoform	Ave	0.2497	0.2227	0.1000	17.8	20.0	-10.8	20.0
Amyl acetate (mixed isomers)	Ave	0.6616	0.7320		22.1	20.0	10.6	20.0
Isopropylbenzene	Ave	2.146	2.450	0.1000	22.8	20.0	14.2	20.0
Camphene	Ave	0.1565	0.1951		24.9	20.0	24.7*	20.0
Bromobenzene	Ave	0.9669	1.011		20.9	20.0	4.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5561	0.5824	0.3000	20.9	20.0	4.7	20.0
1,2,3-Trichloropropane	Ave	0.1731	0.1755		20.3	20.0	1.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1463	0.1539		21.0	20.0	5.2	20.0
N-Propylbenzene	Ave	4.440	4.907		22.1	20.0	10.5	20.0
2-Chlorotoluene	Ave	2.498	2.621		21.0	20.0	4.9	20.0
4-Ethyltoluene	Ave	3.787	4.013		21.2	20.0	6.0	20.0
4-Chlorotoluene	Ave	2.602	2.746		21.1	20.0	5.5	20.0
1,3,5-Trimethylbenzene	Ave	2.958	3.061		20.7	20.0	3.5	20.0
Butyl Methacrylate	Ave	0.6985	0.7553		21.6	20.0	8.1	20.0
tert-Butylbenzene	Ave	2.916	3.070		21.1	20.0	5.3	20.0
1,2,4-Trimethylbenzene	Ave	3.043	3.117		20.5	20.0	2.4	20.0
sec-Butylbenzene	Ave	4.261	4.643		21.8	20.0	9.0	20.0
1,3-Dichlorobenzene	Ave	1.875	1.860	0.6000	19.8	20.0	-0.8	20.0
1,4-Dichlorobenzene	Ave	1.868	1.878	0.5000	20.1	20.0	0.5	20.0
4-Isopropyltoluene	Ave	3.707	3.843		20.7	20.0	3.7	20.0
Benzyl chloride	Ave	1.315	1.345		20.4	20.0	2.2	50.0
Indan	Ave	2.964	3.111		21.0	20.0	4.9	20.0
1,2-Dichlorobenzene	Ave	1.657	1.681	0.4000	20.3	20.0	1.4	20.0
p-Diethylbenzene	Ave	2.207	2.307		20.9	20.0	4.5	20.0
n-Butylbenzene	Ave	3.948	4.339		22.0	20.0	9.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1533	0.1567	0.0500	20.4	20.0	2.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.116	3.400		21.8	20.0	9.1	20.0
Camphor	QuaF		0.0751		142	100	42.2*	20.0
1,2,4-Trichlorobenzene	Ave	1.449	1.474	0.2000	20.3	20.0	1.7	20.0
Hexachlorobutadiene	Ave	1.030	1.035		20.1	20.0	0.5	20.0
Naphthalene	QuaF		2.621		26.3	20.0	31.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300938/3 Calibration Date: 05/26/2015 21:45

Instrument ID: CVOAMS12 Calib Start Date: 05/22/2015 06:22

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/22/2015 11:50

Lab File ID: O98833.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	1.258	1.314		20.9	20.0	4.4	20.0
Dibromofluoromethane (Surr)	Ave	0.3068	0.2795		45.5	50.0	-8.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2654	0.2390		45.0	50.0	-9.9	20.0
Toluene-d8 (Surr)	Ave	1.325	1.228		46.3	50.0	-7.4	20.0
4-Bromofluorobenzene	Ave	0.4574	0.5403		59.1	50.0	18.1	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98833.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 21:45:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0027822-003
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12
Sublist: chrom-8260S_12*sub31

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:09:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: boykink Date: 26-May-2015 22:24:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	93	18674	20.0	23.5	
2 Dichlorodifluoromethane	85	0.985	0.985	0.000	100	135597	20.0	24.4	
3 Chloromethane	50	1.113	1.113	0.000	99	95652	20.0	21.6	
4 Vinyl chloride	62	1.156	1.156	0.000	98	111184	20.0	22.0	
5 Butadiene	54	1.174	1.174	0.000	95	104213	20.0	22.6	
6 Bromomethane	94	1.344	1.344	0.000	98	76289	20.0	25.5	
7 Chloroethane	64	1.405	1.405	0.000	99	68733	20.0	20.8	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	164139	20.0	23.1	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	156510	20.0	22.6	
10 Pentane	72	1.606	1.606	0.000	95	38852	40.0	43.0	
11 Ethanol	46	1.685	1.685	0.000	92	11575	800.0	911.1	
12 Ethyl ether	59	1.734	1.734	0.000	88	53324	20.0	20.3	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	91	85225	20.0	22.4	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	86314	20.0	22.4	
15 Acrolein	56	1.807	1.807	0.000	96	32038	300.0	271.6	
16 1,1-Dichloroethene	96	1.873	1.873	0.000	98	89908	20.0	22.1	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	96	99768	20.0	22.5	
18 Acetone	43	1.910	1.910	0.000	87	93918	100.0	145.8	
19 Iodomethane	142	1.971	1.971	0.000	97	91223	20.0	17.9	
21 Isopropyl alcohol	45	2.007	2.007	0.000	30	35516	200.0	229.0	
20 Carbon disulfide	76	2.013	2.013	0.000	99	293589	20.0	21.0	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	56886	20.0	27.8	
23 Methyl acetate	43	2.123	2.123	0.000	98	202101	100.0	97.4	
24 Acetonitrile	39	2.165	2.165	0.000	31	61804	200.0	212.1	
25 Cyclopentene	67	2.165	2.165	0.000	96	262808	20.0	22.7	
26 Methylene Chloride	84	2.190	2.190	0.000	91	79486	20.0	20.9	
* 27 TBA-d9 (IS)	65	2.226	2.226	0.000	99	222208	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	64633	200.0	247.5	
29 Acrylonitrile	53	2.354	2.354	0.000	95	162649	200.0	261.8	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	91882	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.384	2.384	0.000	96	170778	20.0	21.6	
32 Hexane	43	2.585	2.585	0.000	92	76869	20.0	22.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	141595	20.0	20.7	
34 Allyl alcohol	57	2.731	2.731	0.000	83	23193	500.0	501.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	8161	40.0	46.6	
36 Isopropyl ether	45	2.756	2.756	0.000	93	168730	20.0	21.1	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	93	82259	20.0	21.8	
38 Tert-butyl ethyl ether	59	3.041	3.041	0.000	89	168244	20.0	22.8	
* 157 2-Butanone-d5	46	3.114	3.114	0.000	97	149668	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	85	31154	20.0	22.5	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	87258	20.0	21.6	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	30694	100.0	114.1	
42 Propionitrile	54	3.206	3.206	0.000	94	58054	200.0	191.8	
43 Ethyl acetate	43	3.224	3.224	0.000	99	64667	40.0	42.7	
44 Methyl acrylate	55	3.248	3.248	0.000	99	39380	20.0	20.7	
45 Methacrylonitrile	67	3.334	3.334	0.000	90	186450	200.0	212.6	
46 Chlorobromomethane	128	3.340	3.340	0.000	83	35900	20.0	23.4	
47 Tetrahydrofuran	71	3.388	3.388	0.000	80	11076	40.0	42.9	
48 Chloroform	83	3.419	3.419	0.000	99	130707	20.0	21.9	
$ 49 Dibromofluoromethane (Surr	113	3.559	3.559	0.000	98	119907	50.0	45.5	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	129357	20.0	22.5	
51 Cyclohexane	56	3.626	3.626	0.000	88	145987	20.0	24.0	
53 Carbon tetrachloride	117	3.723	3.723	0.000	96	115044	20.0	22.3	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	96	108435	20.0	23.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	102543	50.0	45.0	
55 Isobutyl alcohol	43	3.869	3.869	0.000	93	46812	500.0	585.1	
56 Benzene	78	3.918	3.918	0.000	95	297255	20.0	21.5	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	77284	20.0	21.6	
58 Isooctane	57	4.015	4.015	0.000	97	265159	20.0	22.1	
72 Isopropyl acetate	43	4.021	4.021	0.000	97	149848	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	138004	20.0	22.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	429028	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	75785	20.0	24.5	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	92	380475	40.0	44.1	
64 Trichloroethene	95	4.568	4.568	0.000	96	83403	20.0	22.9	
63 n-Butanol	43	4.775	4.775	0.000	46	6077	500.0	364.8	
65 Ethyl acrylate	55	4.769	4.769	0.000	74	104535	20.0	23.4	
66 Methylcyclohexane	83	4.775	4.775	0.000	92	139702	20.0	22.9	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	93	66356	20.0	22.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	38	22482	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	92	34151	20.0	21.5	
71 1,4-Dioxane	88	4.976	4.976	0.000	33	12447	400.0	441.7	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	59001	40.0	42.3	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	46686	20.0	22.4	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	86847	20.0	21.5	
75 2-Nitropropane	41	5.378	5.378	0.000	99	19735	40.0	49.3	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	94	26497	20.0	22.1	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	78424	400.0	432.5	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	92	98514	20.0	21.6	
79 4-Methyl-2-pentanone (MIBK	43	5.870	5.870	0.000	95	148243	100.0	105.4	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	443041	50.0	46.3	
81 Toluene	91	6.059	6.059	0.000	93	290717	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	96	75444	20.0	21.4	
83 Ethyl methacrylate	69	6.540	6.540	0.000	87	51853	20.0	20.2	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	37061	20.0	21.2	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	85869	20.0	20.6	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	78835	20.0	21.8	
87 2-Hexanone	43	6.978	6.978	0.000	93	119300	100.0	113.8	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	54641	20.0	20.1	
89 n-Butyl acetate	43	7.203	7.203	0.000	99	42928	20.0	22.8	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	44019	20.0	20.8	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.000	84	360850	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	179204	20.0	20.8	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	96	56212	20.0	19.3	
94 Ethylbenzene	106	8.164	8.164	0.000	98	112425	20.0	22.1	
95 m-Xylene & p-Xylene	106	8.352	8.352	0.000	96	129662	20.0	21.7	
96 o-Xylene	106	8.943	8.943	0.000	94	120221	20.0	21.1	
97 Styrene	104	8.973	8.973	0.000	96	203036	20.0	21.1	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	32505	20.0	21.4	
99 Bromoform	173	9.204	9.204	0.000	98	32146	20.0	17.8	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	59376	20.0	22.1	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	353664	20.0	22.8	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	96	194974	50.0	59.1	
103 Camphene	41	9.916	9.916	0.000	94	28160	20.0	24.9	
104 Bromobenzene	156	9.952	9.952	0.000	92	81995	20.0	20.9	
105 1,1,2,2-Tetrachloroethane	83	10.056	10.056	0.000	97	47242	20.0	20.9	
106 1,2,3-Trichloropropane	110	10.080	10.080	0.000	97	14233	20.0	20.3	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	94	12480	20.0	21.0	
108 N-Propylbenzene	91	10.226	10.226	0.000	99	398060	20.0	22.1	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	212572	20.0	21.0	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	325511	20.0	21.2	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	222719	20.0	21.1	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	248263	20.0	20.7	
113 Butyl Methacrylate	87	10.816	10.816	0.000	87	61270	20.0	21.6	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	249038	20.0	21.1	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	252825	20.0	20.5	
116 sec-Butylbenzene	105	11.406	11.406	0.000	99	376649	20.0	21.8	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	150847	20.0	19.8	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	202795	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	152364	20.0	20.1	
120 4-Isopropyltoluene	119	11.631	11.631	0.000	98	311739	20.0	20.7	
121 Benzyl chloride	91	11.820	11.820	0.000	99	109071	20.0	20.4	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	252360	20.0	21.0	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	136331	20.0	20.3	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	187108	20.0	20.9	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	351975	20.0	22.0	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	92	12709	20.0	20.4	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	275796	20.0	21.8	
133 1,3,5-Trichlorobenzene	180	13.140	13.140	0.000	97	133871	20.0	20.1	
129 Camphor	95	13.603	13.603	0.000	91	30461	100.0	142.2	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	119544	20.0	20.3	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	98	83982	20.0	20.1	
132 Naphthalene	128	13.888	13.888	0.000	99	212614	20.0	26.3	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	95	106565	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 135 Xylenes, Total	100				0		40.0	42.8	
S 136 Total BTEX	1				0		100.0	107.4	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

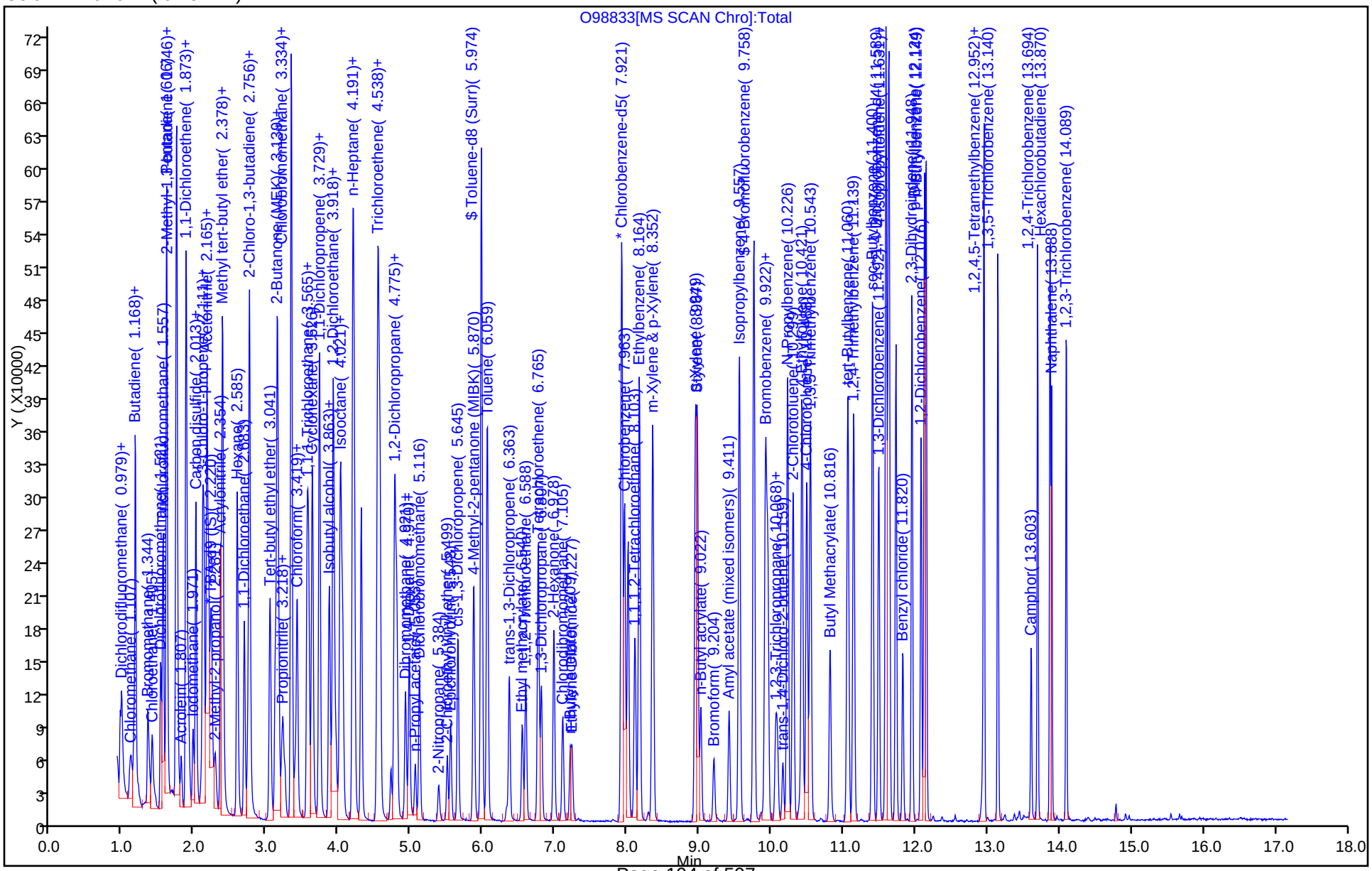
Report Date: 27-May-2015 13:09:09 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98833.D

Injection Date:	26-May-2015 21:45:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300935/3 Calibration Date: 05/26/2015 22:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83047.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0685	0.0673		19.7	20.0	-1.7	20.0
Dichlorodifluoromethane	QuaF		0.4495	0.1000	21.0	20.0	5.2	20.0
Chloromethane	Ave	0.3690	0.4161	0.1000	22.6	20.0	12.8	20.0
Butadiene	Ave	0.3521	0.3664		20.8	20.0	4.1	20.0
Vinyl chloride	Ave	0.4138	0.4607	0.1000	22.3	20.0	11.3	20.0
Bromomethane	Ave	0.3303	0.3853	0.1000	23.3	20.0	16.6	50.0
Chloroethane	Ave	0.2316	0.2651	0.1000	22.9	20.0	14.4	50.0
Dichlorofluoromethane	Ave	0.6455	0.7156		22.2	20.0	10.9	20.0
Trichlorofluoromethane	Ave	0.5068	0.5157	0.1000	20.3	20.0	1.7	20.0
Pentane	Ave	0.0393	0.0383		39.0	40.0	-2.6	20.0
Ethanol	QuaF	0.0380	0.0398		691	800	-13.6	50.0
Ethyl ether	Ave	0.2388	0.2640		22.1	20.0	10.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2514	0.2713		21.6	20.0	7.9	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2242	0.2630		23.5	20.0	17.3	20.0
Acrolein	QuaF		0.3669		30.5	40.0	-23.7	50.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2614	0.2863	0.1000	21.9	20.0	9.5	20.0
1,1-Dichloroethene	Ave	0.2827	0.2778	0.1000	19.7	20.0	-1.7	20.0
Acetone	Ave	0.8357	0.8002	0.0500	95.8	100	-4.2	50.0
Iodomethane	Ave	0.4952	0.5228		21.1	20.0	5.6	20.0
Carbon disulfide	Ave	1.061	1.060	0.1000	20.0	20.0	-0.1	50.0
Isopropyl alcohol	Ave	0.5086	0.5482		216	200	7.8	50.0
Allyl chloride	Ave	0.1610	0.1912		23.8	20.0	18.8	20.0
Cyclopentene	Ave	0.7653	0.8272		21.6	20.0	8.1	20.0
Methyl acetate	Ave	0.2590	0.3060	0.1000	118	100	18.1	20.0
Acetonitrile	Ave	0.0390	0.0449		230	200	15.2	20.0
Methylene Chloride	Ave	0.3514	0.3695	0.1000	21.0	20.0	5.2	20.0
2-Methyl-2-propanol	Ave	1.276	1.109		174	200	-13.1	50.0
Methyl tert-butyl ether	Ave	0.9515	1.012	0.1000	21.3	20.0	6.3	20.0
trans-1,2-Dichloroethene	Ave	0.3372	0.3336	0.1000	19.8	20.0	-1.1	20.0
Acrylonitrile	Ave	0.1048	0.1212		231	200	15.6	20.0
Hexane	Ave	0.1317	0.1612		24.5	20.0	22.4*	20.0
Isopropyl ether	Ave	1.013	1.120		22.1	20.0	10.5	20.0
1,1-Dichloroethane	Ave	0.5898	0.6066	0.2000	20.6	20.0	2.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2868	0.2859		19.9	20.0	-0.3	20.0
Vinyl acetate	QuaF		0.0265		99.0	40.0	147.5*	20.0
Allyl alcohol	QuaF	0.1273	0.0885		356	500	-28.7	50.0
Tert-butyl ethyl ether	Ave	1.019	1.098		21.5	20.0	7.7	20.0
2,2-Dichloropropane	QuaF		0.3311		24.7	20.0	23.6*	20.0
cis-1,2-Dichloroethene	Ave	0.3707	0.3799	0.1000	20.5	20.0	2.5	20.0
2-Butanone (MEK)	Ave	0.3723	0.3161	0.0500	84.9	100	-15.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300935/3 Calibration Date: 05/26/2015 22:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83047.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3098	0.3037		39.2	40.0	-2.0	20.0
Methyl acrylate	Ave	0.2451	0.2742		22.4	20.0	11.8	20.0
Propionitrile	Ave	1.366	1.334		195	200	-2.3	20.0
Tetrahydrofuran	Ave	0.4416	0.4550		41.2	40.0	3.0	20.0
Chlorobromomethane	Ave	0.1605	0.1637		20.4	20.0	2.0	20.0
Methacrylonitrile	Ave	0.1229	0.1362		222	200	10.8	20.0
Chloroform	Ave	0.5792	0.6012	0.2000	20.8	20.0	3.8	20.0
Cyclohexane	Ave	0.3774	0.3813	0.1000	20.2	20.0	1.1	50.0
1,1,1-Trichloroethane	Ave	0.4753	0.4889	0.1000	20.6	20.0	2.9	20.0
Carbon tetrachloride	Ave	0.3729	0.3950	0.1000	21.2	20.0	5.9	20.0
1,1-Dichloropropene	Ave	0.3742	0.3893		20.8	20.0	4.0	20.0
Benzene	Ave	1.417	1.391	0.5000	19.6	20.0	-1.9	20.0
2,2,4-Trimethylpentane	QuaF		0.4853		24.4	20.0	22.0*	20.0
Isobutyl alcohol	Ave	0.4691	0.4891		521	500	4.3	50.0
Tert-amyl methyl ether	Ave	1.115	1.183		21.2	20.0	6.1	20.0
1,2-Dichloroethane	Ave	0.4762	0.4894	0.1000	20.6	20.0	2.8	20.0
Isopropyl acetate	Ave	0.2825	0.3167		22.4	20.0	12.1	20.0
n-Heptane	Ave	0.0921	0.0929		20.2	20.0	0.9	20.0
2,4,4-Trimethyl-1-pentene	Ave	0.4289	0.4170		38.9	40.0	-2.8	20.0
Trichloroethene	Ave	0.3101	0.2975	0.2000	19.2	20.0	-4.1	20.0
n-Butanol	QuaF		0.1947		401	500	-19.8	50.0
Methylcyclohexane	Ave	0.3153	0.3007	0.1000	19.1	20.0	-4.6	50.0
Ethyl acrylate	Ave	0.3717	0.3867		20.8	20.0	4.0	20.0
1,2-Dichloropropane	Ave	0.3235	0.3402	0.1000	21.0	20.0	5.1	20.0
1,4-Dioxane	Ave	1.086	1.200		442	400	10.5	50.0
Dibromomethane	Ave	0.1989	0.2072		20.8	20.0	4.1	20.0
Methyl methacrylate	QuaF		0.0766		38.9	40.0	-2.8	20.0
n-Propyl acetate	Ave	0.4113	0.4413		21.5	20.0	7.3	20.0
Dichlorobromomethane	Ave	0.4560	0.4272	0.2000	18.7	20.0	-6.3	20.0
2-Nitropropane	Ave	0.0832	0.0894		43.0	40.0	7.5	20.0
2-Chloroethyl vinyl ether	Ave	0.2000	0.2051		20.5	20.0	2.5	20.0
Epichlorohydrin	Ave	0.3113	0.3212		413	400	3.2	20.0
cis-1,3-Dichloropropene	Ave	0.5638	0.5464	0.2000	19.4	20.0	-3.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.535	3.497	0.0500	98.9	100	-1.1	50.0
Toluene	Ave	1.423	1.423	0.4000	20.0	20.0	0.0	20.0
trans-1,3-Dichloropropene	Ave	0.4755	0.4708	0.1000	19.8	20.0	-1.0	50.0
Ethyl methacrylate	Ave	0.4512	0.4501		20.0	20.0	-0.2	20.0
1,1,2-Trichloroethane	Ave	0.2810	0.2540	0.1000	18.1	20.0	-9.6	20.0
Tetrachloroethene	Ave	0.2935	0.2871	0.2000	19.6	20.0	-2.2	20.0
1,3-Dichloropropane	Ave	0.5624	0.5186		18.4	20.0	-7.8	20.0
2-Hexanone	Ave	2.203	2.060	0.0500	93.5	100	-6.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300935/3 Calibration Date: 05/26/2015 22:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83047.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorodibromomethane	Ave	0.3304	0.3142	0.1000	19.0	20.0	-4.9	50.0
n-Butyl acetate	Ave	0.0859	0.0873		20.3	20.0	1.7	20.0
Ethylene Dibromide	Ave	0.3073	0.2792	0.1000	18.2	20.0	-9.1	20.0
Chlorobenzene	Ave	0.9132	0.8630	0.5000	18.9	20.0	-5.5	20.0
Ethylbenzene	Ave	0.5201	0.4489	0.1000	17.3	20.0	-13.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3536	0.3107		17.6	20.0	-12.2	20.0
m-Xylene & p-Xylene	Ave	0.5996	0.5697	0.1000	19.0	20.0	-5.0	20.0
o-Xylene	Ave	0.6364	0.5909	0.3000	18.6	20.0	-7.2	20.0
n-Butyl acrylate	Ave	0.3377	0.3136		18.6	20.0	-7.1	20.0
Styrene	Ave	1.051	1.017	0.3000	19.4	20.0	-3.2	20.0
Amyl acetate (mixed isomers)	Ave	1.341	1.325		19.8	20.0	-1.2	20.0
Bromoform	Ave	0.2059	0.1987	0.1000	19.3	20.0	-3.5	20.0
Isopropylbenzene	Ave	1.358	1.335	0.1000	19.7	20.0	-1.7	20.0
Camphene	QuaF		0.0817		23.5	20.0	17.3	20.0
Bromobenzene	Ave	0.7138	0.6660		18.7	20.0	-6.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8003	0.7888	0.3000	19.7	20.0	-1.4	20.0
N-Propylbenzene	Ave	2.811	2.765		19.7	20.0	-1.6	20.0
1,2,3-Trichloropropane	Ave	0.2358	0.2262		19.2	20.0	-4.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2460	0.2284		18.6	20.0	-7.1	20.0
2-Chlorotoluene	Ave	2.213	2.072		18.7	20.0	-6.4	20.0
4-Ethyltoluene	Ave	2.412	2.369		19.6	20.0	-1.8	20.0
1,3,5-Trimethylbenzene	Ave	2.091	1.878		18.0	20.0	-10.2	20.0
4-Chlorotoluene	Ave	2.206	1.962		17.8	20.0	-11.1	20.0
Butyl Methacrylate	Ave	0.9720	0.9298		19.1	20.0	-4.3	20.0
tert-Butylbenzene	Ave	1.443	1.356		18.8	20.0	-6.0	20.0
1,2,4-Trimethylbenzene	Ave	2.125	2.199		20.7	20.0	3.5	20.0
sec-Butylbenzene	Ave	2.090	1.932		18.5	20.0	-7.6	20.0
1,3-Dichlorobenzene	Ave	1.291	1.200	0.6000	18.6	20.0	-7.0	20.0
4-Isopropyltoluene	Ave	1.822	1.647		18.1	20.0	-9.6	20.0
1,4-Dichlorobenzene	Ave	1.296	1.183	0.5000	18.3	20.0	-8.7	20.0
Benzyl chloride	Ave	1.307	1.466		22.4	20.0	12.2	50.0
Indan	Ave	2.526	2.418		19.1	20.0	-4.3	20.0
p-Diethylbenzene	Ave	1.073	0.9907		18.5	20.0	-7.7	20.0
n-Butylbenzene	Ave	2.036	1.863		18.3	20.0	-8.5	20.0
1,2-Dichlorobenzene	Ave	1.271	1.192	0.4000	18.8	20.0	-6.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.805	1.677		18.6	20.0	-7.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1626	0.1115	0.0500	13.7	20.0	-31.4	50.0
1,3,5-Trichlorobenzene	Ave	0.7460	0.6205		16.6	20.0	-16.8	20.0
Camphor	Ave	0.0929	0.0604		65.1	100	-34.9*	20.0
1,2,4-Trichlorobenzene	Ave	0.6713	0.4706	0.2000	14.0	20.0	-29.9*	20.0
Hexachlorobutadiene	QuaF		0.2387		24.2	20.0	20.8*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300935/3 Calibration Date: 05/26/2015 22:54

Instrument ID: CVOAMS2 Calib Start Date: 05/15/2015 02:28

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/15/2015 07:25

Lab File ID: B83047.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.757	1.386		15.8	20.0	-21.1	50.0
1,2,3-Trichlorobenzene	Ave	0.5136	0.4183		16.3	20.0	-18.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2524	0.2833		56.1	50.0	12.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3368	0.3473		51.6	50.0	3.1	20.0
Toluene-d8 (Surr)	Ave	1.099	1.106		50.3	50.0	0.6	20.0
4-Bromofluorobenzene	Ave	0.3540	0.3560		50.3	50.0	0.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83047.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 22:54:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0027820-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub53

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:54:06 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: martineze Date: 27-May-2015 10:33:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.101	1.101	0.000	55	12960	20.0	19.7	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	97	86541	20.0	21.0	
3 Chloromethane	50	1.224	1.224	0.000	99	80107	20.0	22.6	
5 Butadiene	54	1.315	1.315	0.000	89	70541	20.0	20.8	
4 Vinyl chloride	62	1.315	1.315	0.000	97	88686	20.0	22.3	
6 Bromomethane	94	1.545	1.545	0.000	97	74180	20.0	23.3	
7 Chloroethane	64	1.603	1.603	0.000	99	51028	20.0	22.9	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	63	99273	20.0	20.3	
9 Dichlorofluoromethane	67	1.784	1.784	0.000	98	137770	20.0	22.2	
8 Pentane	72	1.800	1.800	0.000	96	14731	40.0	39.0	
11 Ethyl ether	59	1.990	1.990	0.000	89	50827	20.0	22.1	
12 Ethanol	46	1.990	1.990	0.000	78	10585	800.0	690.8	
13 2-Methyl-1,3-butadiene	53	1.998	1.998	0.000	95	52232	20.0	21.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.047	2.047	0.000	92	50629	20.0	23.5	
15 Acrolein	56	2.146	2.146	0.000	28	4874	40.0	30.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	45	55122	20.0	21.9	
17 1,1-Dichloroethene	96	2.171	2.171	0.000	97	53477	20.0	19.7	
18 Acetone	43	2.269	2.269	0.000	85	74431	100.0	95.8	
19 Iodomethane	142	2.302	2.302	0.000	99	100641	20.0	21.1	
20 Carbon disulfide	76	2.327	2.327	0.000	100	204003	20.0	20.0	
21 Isopropyl alcohol	45	2.376	2.376	0.000	58	36415	200.0	215.6	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	44	36811	20.0	23.8	
23 Cyclopentene	67	2.492	2.492	0.000	94	159261	20.0	21.6	
24 Methyl acetate	43	2.500	2.500	0.000	99	294514	100.0	118.1	
25 Acetonitrile	41	2.557	2.557	0.000	96	86432	200.0	230.5	
26 Methylene Chloride	84	2.607	2.607	0.000	91	71136	20.0	21.0	
* 27 TBA-d9 (IS)	65	2.640	2.640	0.000	88	332145	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.714	2.714	0.000	97	73661	200.0	173.8	
29 Methyl tert-butyl ether	73	2.771	2.771	0.000	97	194774	20.0	21.3	
30 trans-1,2-Dichloroethene	96	2.796	2.796	0.000	97	64218	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.878	2.878	0.000	92	233297	200.0	231.3	
32 Hexane	43	2.961	2.961	0.000	92	31031	20.0	24.5	
34 Isopropyl ether	45	3.199	3.199	0.000	97	215529	20.0	22.1	
33 1,1-Dichloroethane	63	3.208	3.208	0.000	89	116784	20.0	20.6	
36 Vinyl acetate	86	3.249	3.249	0.000	82	10191	40.0	99.0	
35 2-Chloro-1,3-butadiene	88	3.249	3.249	0.000	92	55036	20.0	19.9	
37 Allyl alcohol	57	3.306	3.306	0.000	24	14689	500.0	356.4	
38 Tert-butyl ethyl ether	59	3.537	3.537	0.000	88	211341	20.0	21.5	
39 2,2-Dichloropropane	41	3.743	3.743	0.000	69	63750	20.0	24.7	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	95	232543	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.767	3.767	0.000	96	73133	20.0	20.5	
41 2-Butanone (MEK)	72	3.800	3.800	0.000	86	29398	100.0	84.9	
42 Ethyl acetate	70	3.833	3.833	0.000	48	11299	40.0	39.2	
43 Methyl acrylate	55	3.866	3.866	0.000	78	52779	20.0	22.4	
44 Propionitrile	54	3.948	3.948	0.000	97	88613	200.0	195.3	
46 Tetrahydrofuran	72	4.006	4.006	0.000	75	16929	40.0	41.2	
45 Chlorobromomethane	128	4.014	4.014	0.000	88	31507	20.0	20.4	
47 Methacrylonitrile	67	4.055	4.055	0.000	92	262214	200.0	221.6	
48 Chloroform	83	4.096	4.096	0.000	98	115735	20.0	20.8	
49 Cyclohexane	84	4.195	4.195	0.000	90	73413	20.0	20.2	
50 1,1,1-Trichloroethane	97	4.228	4.228	0.000	91	94131	20.0	20.6	
$ 51 Dibromofluoromethane (Surr	113	4.261	4.261	0.000	96	136333	50.0	56.1	
52 Carbon tetrachloride	117	4.352	4.352	0.000	97	76050	20.0	21.2	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	96	74940	20.0	20.8	
55 Benzene	78	4.607	4.607	0.000	95	249700	20.0	19.6	
54 Isooctane	57	4.615	4.615	0.000	97	93434	20.0	24.4	
56 Isobutyl alcohol	43	4.640	4.640	0.000	53	81232	500.0	521.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	96	167156	50.0	51.6	
58 Tert-amyl methyl ether	73	4.722	4.722	0.000	95	227761	20.0	21.2	
59 Isopropyl acetate	87	4.730	4.730	0.000	64	60970	20.0	22.4	
60 1,2-Dichloroethane	62	4.730	4.730	0.000	89	94223	20.0	20.6	
61 n-Heptane	57	4.837	4.837	0.000	95	17887	20.0	20.2	
* 62 Fluorobenzene	96	4.961	4.961	0.000	99	481303	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	91	160563	40.0	38.9	
64 Trichloroethene	95	5.380	5.380	0.000	98	57267	20.0	19.2	
65 n-Butanol	56	5.430	5.430	0.000	85	32334	500.0	400.9	
66 Methylcyclohexane	83	5.504	5.504	0.000	94	57891	20.0	19.1	
67 Ethyl acrylate	55	5.578	5.578	0.000	99	74442	20.0	20.8	
68 1,2-Dichloropropane	63	5.709	5.709	0.000	89	65486	20.0	21.0	
* 69 1,4-Dioxane-d8	96	5.800	5.800	0.000	90	31913	1000.0	1000.0	
71 1,4-Dioxane	88	5.866	5.866	0.000	31	15320	400.0	442.1	
70 Dibromomethane	93	5.866	5.866	0.000	51	39883	20.0	20.8	
72 Methyl methacrylate	100	5.874	5.874	0.000	89	29508	40.0	38.9	
73 n-Propyl acetate	43	5.956	5.956	0.000	99	84954	20.0	21.5	
74 Dichlorobromomethane	83	6.072	6.072	0.000	99	82242	20.0	18.7	
75 2-Nitropropane	41	6.499	6.499	0.000	93	34426	40.0	43.0	
76 2-Chloroethyl vinyl ether	63	6.524	6.524	0.000	88	39476	20.0	20.5	
77 Epichlorohydrin	57	6.631	6.631	0.000	98	119507	400.0	412.7	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	93	98109	20.0	19.4	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.911	0.000	97	325261	100.0	98.9	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	98	496285	50.0	50.3	
81 Toluene	91	7.034	7.034	0.000	92	255542	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	7.429	7.429	0.000	98	84546	20.0	19.8	
83 Ethyl methacrylate	69	7.487	7.487	0.000	89	80829	20.0	20.0	
84 1,1,2-Trichloroethane	83	7.619	7.619	0.000	92	45602	20.0	18.1	
85 Tetrachloroethene	166	7.627	7.627	0.000	93	51557	20.0	19.6	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	96	93122	20.0	18.4	
87 2-Hexanone	43	7.890	7.890	0.000	98	191574	100.0	93.5	
88 Chlorodibromomethane	129	8.006	8.006	0.000	98	56420	20.0	19.0	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	15675	20.0	20.3	
90 Ethylene Dibromide	107	8.113	8.113	0.000	98	50136	20.0	18.2	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	87	448913	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	92	154969	20.0	18.9	
93 Ethylbenzene	106	8.680	8.680	0.000	99	80612	20.0	17.3	
94 1,1,1,2-Tetrachloroethane	131	8.689	8.689	0.000	94	55782	20.0	17.6	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	98	102298	20.0	19.0	
96 o-Xylene	106	9.174	9.174	0.000	93	106102	20.0	18.6	
97 n-Butyl acrylate	73	9.182	9.182	0.000	97	56316	20.0	18.6	
98 Styrene	104	9.199	9.199	0.000	96	182596	20.0	19.4	
99 Bromoform	173	9.388	9.388	0.000	93	35685	20.0	19.3	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	89	132470	20.0	19.8	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	239739	20.0	19.7	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	89	159827	50.0	50.3	
103 Camphene	41	9.684	9.684	0.000	94	14672	20.0	23.5	
104 Bromobenzene	156	9.783	9.783	0.000	96	66576	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	98	78850	20.0	19.7	
106 N-Propylbenzene	91	9.857	9.857	0.000	99	276397	20.0	19.7	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	94	22613	20.0	19.2	
108 trans-1,4-Dichloro-2-buten	53	9.907	9.907	0.000	73	22835	20.0	18.6	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	207156	20.0	18.7	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	236820	20.0	19.6	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	91	187738	20.0	18.0	
112 4-Chlorotoluene	91	10.046	10.046	0.000	98	196115	20.0	17.8	
113 Butyl Methacrylate	87	10.112	10.112	0.000	93	92949	20.0	19.1	
114 tert-Butylbenzene	119	10.277	10.277	0.000	93	135541	20.0	18.8	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	96	219855	20.0	20.7	
116 sec-Butylbenzene	105	10.458	10.458	0.000	99	193091	20.0	18.5	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	82	119976	20.0	18.6	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	164671	20.0	18.1	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	249911	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.655	0.000	95	118277	20.0	18.3	
121 Benzyl chloride	91	10.779	10.779	0.000	98	146551	20.0	22.4	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	94	241682	20.0	19.1	
123 p-Diethylbenzene	119	10.886	10.886	0.000	90	99036	20.0	18.5	
124 n-Butylbenzene	91	10.902	10.902	0.000	96	186269	20.0	18.3	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	119128	20.0	18.8	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	96	167635	20.0	18.6	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	91	11149	20.0	13.7	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	62028	20.0	16.6	
129 Camphor	95	12.120	12.120	0.000	92	30205	100.0	65.1	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	89	47047	20.0	14.0	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	92	23861	20.0	24.2	
132 Naphthalene	128	12.400	12.400	0.000	100	138540	20.0	15.8	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	41813	20.0	16.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.3	
S 135 Xylenes, Total	100				0		40.0	37.6	

Reagents:

8260SURR250_00074	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00022	Amount Added:	20.00	Units: uL	
ACROLEIN W_00037	Amount Added:	4.00	Units: uL	
GASES Li_00103	Amount Added:	20.00	Units: uL	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent

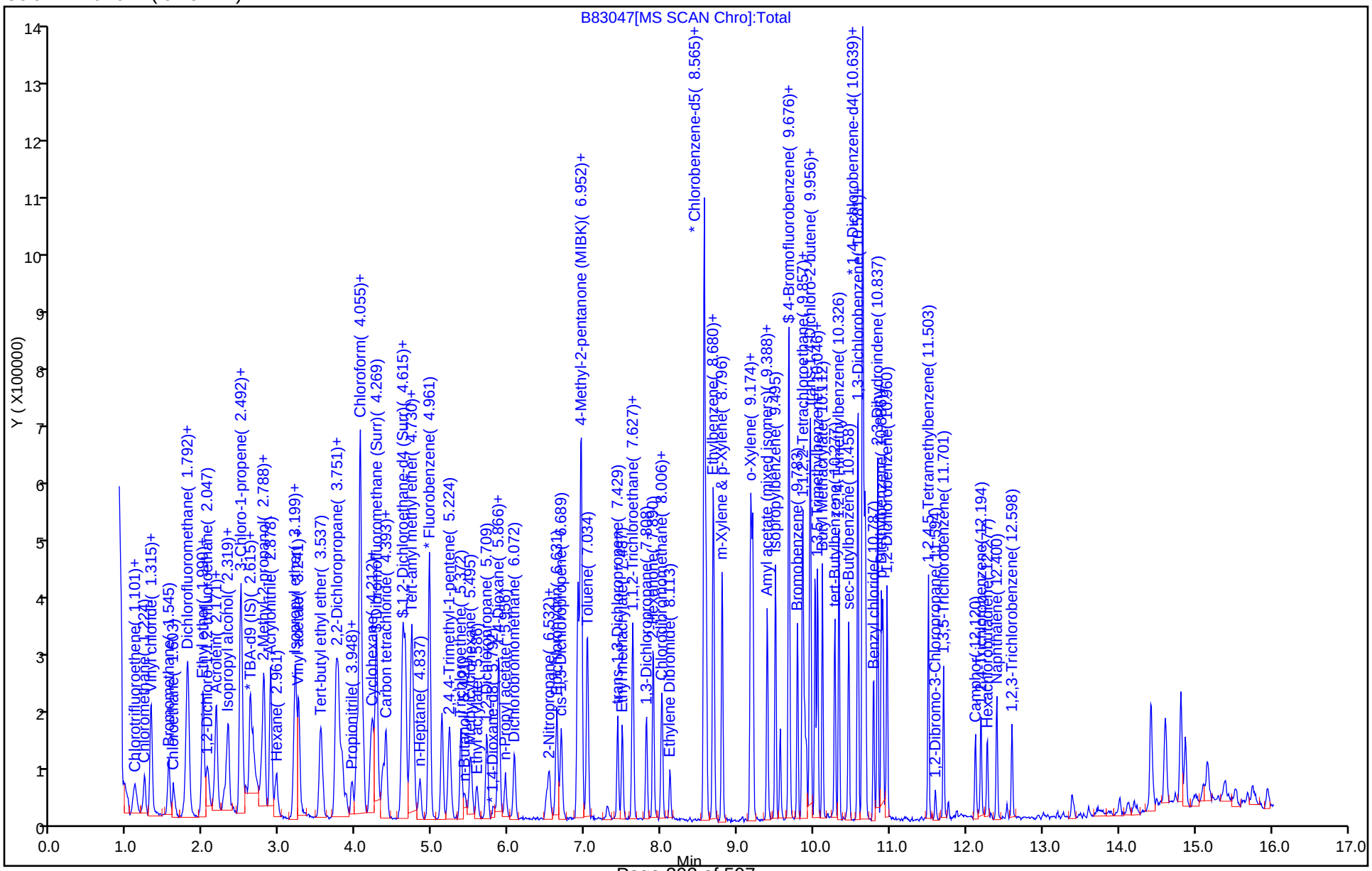
Report Date: 27-May-2015 13:54:08 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83047.D

Injection Date:	26-May-2015 22:54:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-May-2015 05:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 g	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027689-001				
Operator ID:	VOA GC/MS12	Instrument ID:	CVOAMS12		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\8260S_12.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	22-May-2015 19:58:47	Calib Date:	22-May-2015 11:50:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK008				
First Level Reviewer: tupayachia		Date:	22-May-2015 05:55:10		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.548	2.548	0.000	92	121219	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

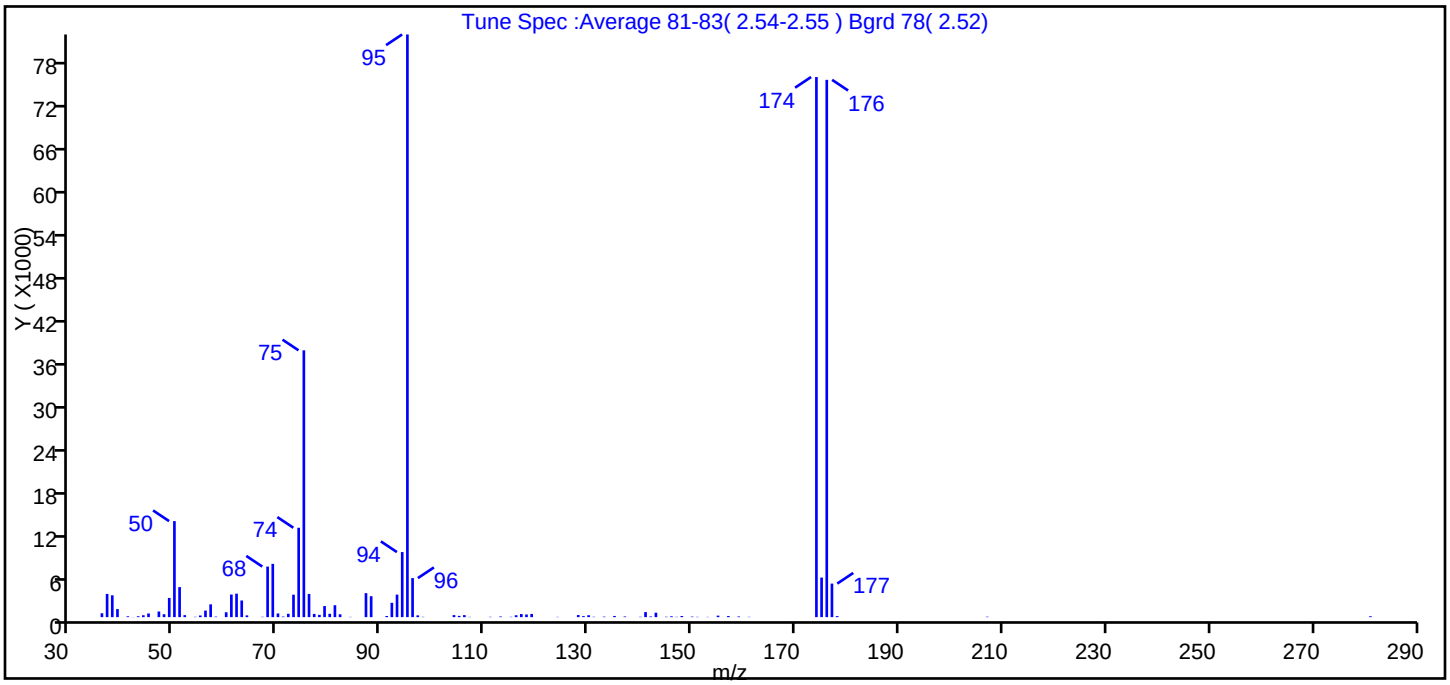
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D
Injection Date: 22-May-2015 05:27:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.5
75	30 to 60% of m/z 95	45.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	92.7
175	5 to 9% of m/z 174	6.8 (7.3)
176	Greater than 95% but less than 101% of m/z 174	92.2 (99.5)
177	5 to 9% of m/z 176	5.8 (6.2)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98723.D\8260S_12.rslt\spectra.d
Injection Date: 22-May-2015 05:27:30
Spectrum: Tune Spec :Average 81-83(2.54-2.55) Bgrd 78(2.52)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 93

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	542	64.00	245	95.00	81184	141.00	705
37.00	3236	67.00	47	96.00	5441	142.00	94
38.00	3043	68.00	7045	97.00	245	143.00	617
39.00	1119	69.00	7424	98.00	45	145.00	58
41.00	117	70.00	513	104.00	283	146.00	116
42.00	15	71.00	81	105.00	175	147.00	41
43.00	121	72.00	466	106.00	280	148.00	158
44.00	262	73.00	3130	107.00	37	150.00	72
45.00	512	74.00	12454	111.00	48	151.00	41
47.00	788	75.00	37176	113.00	90	153.00	34
48.00	409	76.00	3231	115.00	48	155.00	210
49.00	2675	77.00	452	116.00	266	157.00	152
50.00	13380	78.00	318	117.00	434	159.00	95
51.00	4190	79.00	1546	118.00	369	161.00	44
52.00	278	80.00	467	119.00	447	174.00	75256
54.00	47	81.00	1661	124.00	36	175.00	5512
55.00	229	82.00	396	128.00	293	176.00	74864
56.00	911	84.00	37	129.00	141	177.00	4675
57.00	1782	87.00	3345	130.00	268	178.00	146
58.00	74	88.00	2919	131.00	50	207.00	61
60.00	685	91.00	159	133.00	73	281.00	120
61.00	3153	92.00	1999	135.00	164		
62.00	3270	93.00	3141	137.00	93		
63.00	2321	94.00	9067	140.00	51		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 26-May-2015 20:52:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027822-001
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 11:19:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK021

First Level Reviewer: desais Date: 27-May-2015 11:15:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.540	2.540	0.000	89	81701	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

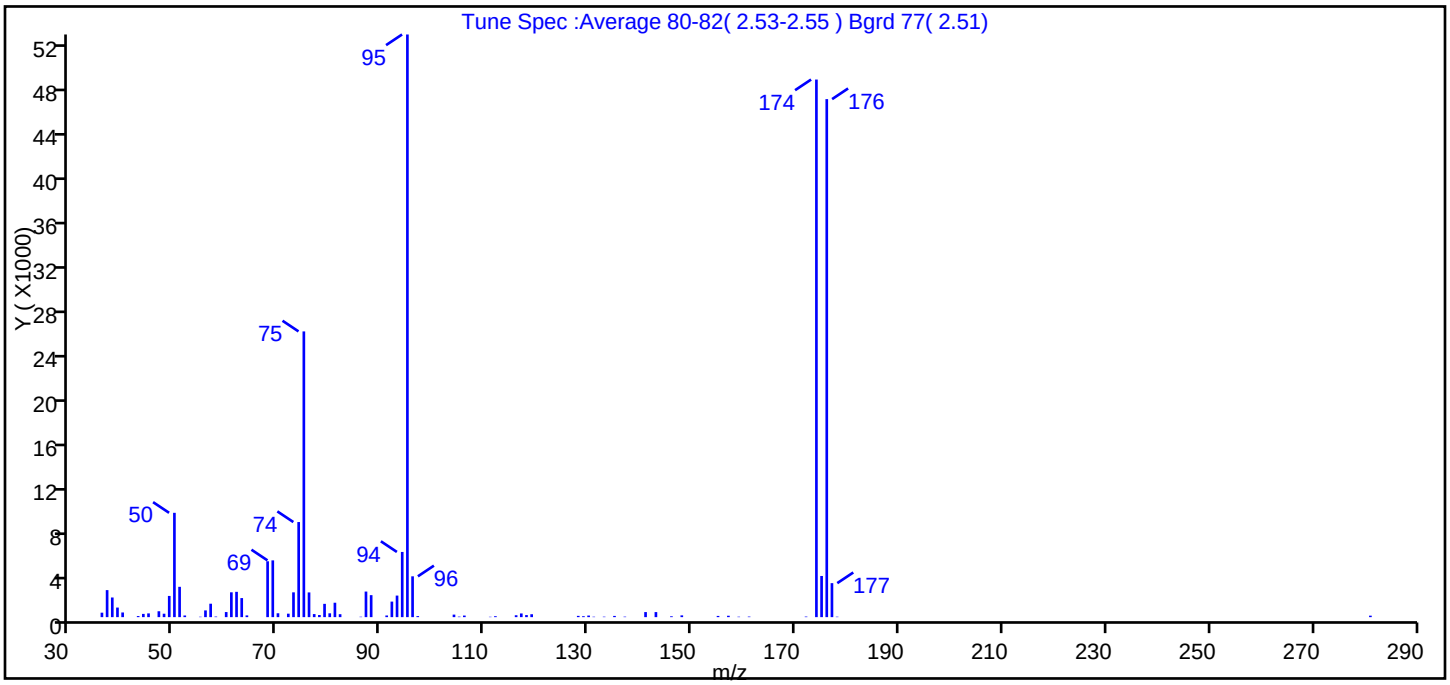
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D
Injection Date: 26-May-2015 20:52:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: VOA GC/MS12 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 g Dil. Factor: 1.0000
Method: 8260S_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.9
75	30 to 60% of m/z 95	49.0
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	92.3
175	5 to 9% of m/z 174	7.1 (7.7)
176	Greater than 95% but less than 101% of m/z 174	88.9 (96.4)
177	5 to 9% of m/z 176	5.8 (6.6)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98831.D\8260S_12.rslt\spectra.d
Injection Date: 26-May-2015 20:52:30
Spectrum: Tune Spec :Average 80-82(2.53-2.55) Bgrd 77(2.51)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	405	62.00	2296	91.00	150	133.00	42
37.00	2452	63.00	1729	92.00	1410	135.00	111
38.00	1783	64.00	157	93.00	1956	137.00	45
39.00	869	68.00	5068	94.00	5914	141.00	460
40.00	424	69.00	5150	95.00	52856	143.00	459
43.00	98	70.00	352	96.00	3703	146.00	77
44.00	295	72.00	315	97.00	93	148.00	161
45.00	340	73.00	2250	104.00	230	155.00	111
47.00	535	74.00	8626	105.00	46	157.00	127
48.00	311	75.00	25920	106.00	144	159.00	40
49.00	1924	76.00	2243	111.00	33	161.00	51
50.00	9464	77.00	279	112.00	85	172.00	52
51.00	2751	78.00	193	116.00	172	174.00	48768
52.00	150	79.00	1206	117.00	335	175.00	3734
55.00	36	80.00	348	118.00	188	176.00	46992
56.00	611	81.00	1308	119.00	265	177.00	3084
57.00	1218	82.00	267	128.00	116	178.00	40
58.00	52	86.00	37	129.00	84	281.00	134
60.00	462	87.00	2321	130.00	144		
61.00	2254	88.00	1995	131.00	39		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 15-May-2015 01:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0027416-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 15-May-2015 15:01:27 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK033

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.265	2.265	0.000	86	227603	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

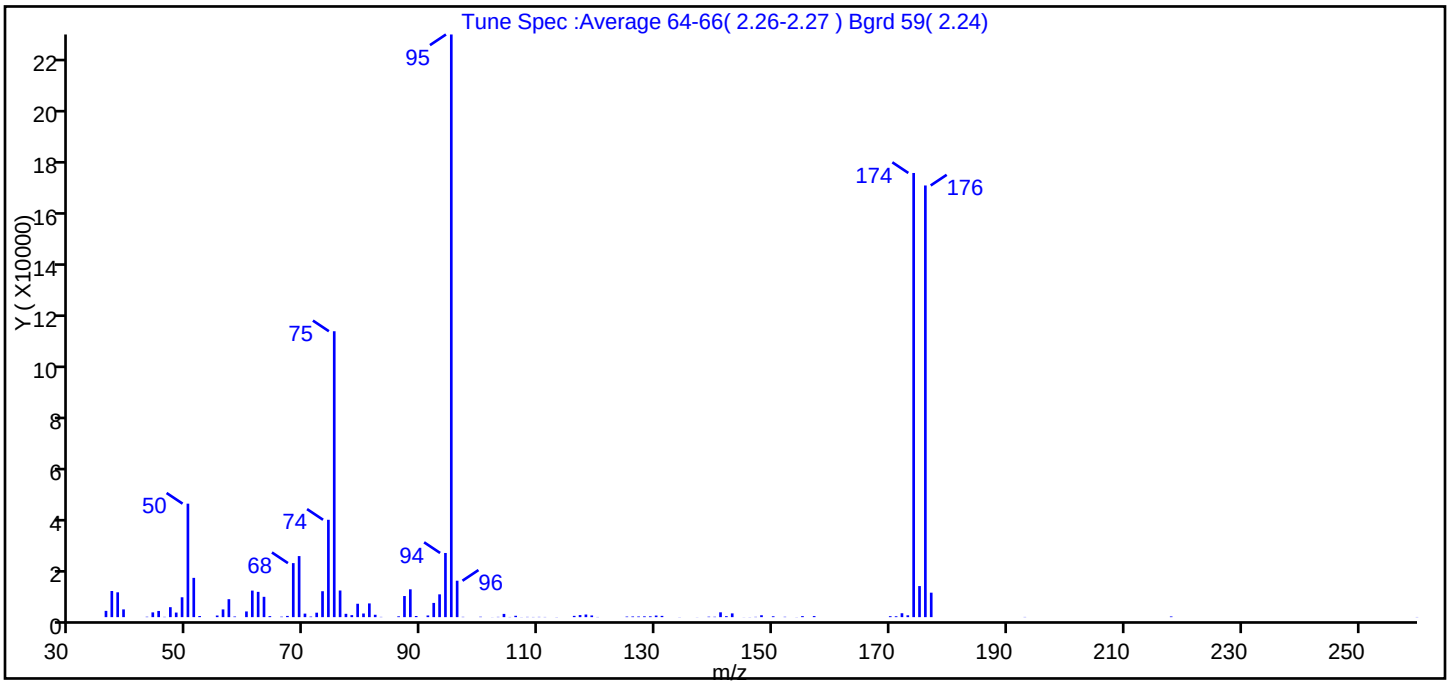
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D
Injection Date: 15-May-2015 01:08:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.5
75	30 to 60% of m/z 95	49.1
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	76.2
175	5 to 9% of m/z 174	5.3 (7.0)
176	Greater than 95% but less than 101% of m/z 174	74.1 (97.2)
177	5 to 9% of m/z 176	4.2 (5.7)

Data File: \\ChromNA\g2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82657.D\8260W_2.rslt\spectra.d
Injection Date: 15-May-2015 01:08:30
Spectrum: Tune Spec :Average 64-66(2.26-2.27) Bgrd 59(2.24)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 103

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2413	69.00	23448	100.00	155	139.00	176
37.00	10038	70.00	1356	102.00	37	140.00	153
38.00	9536	71.00	223	103.00	104	141.00	1857
39.00	2978	72.00	1709	104.00	1247	142.00	369
43.00	153	73.00	9953	105.00	72	143.00	1443
44.00	1829	74.00	37392	106.00	525	145.00	37
45.00	2379	75.00	109784	107.00	46	146.00	50
46.00	114	76.00	10232	108.00	100	147.00	113
47.00	3827	77.00	1280	109.00	72	148.00	728
48.00	1756	78.00	762	110.00	101	150.00	330
49.00	7629	79.00	5143	111.00	75	152.00	138
50.00	43576	80.00	1397	113.00	56	154.00	45
51.00	15083	81.00	5272	116.00	491	155.00	392
52.00	425	82.00	913	117.00	804	157.00	410
55.00	621	83.00	96	118.00	1006	170.00	366
56.00	2972	86.00	317	119.00	646	171.00	339
57.00	6893	87.00	8107	120.00	69	172.00	1500
58.00	242	88.00	10686	125.00	227	173.00	704
60.00	2196	89.00	437	126.00	260	174.00	170560
61.00	10197	91.00	640	127.00	252	175.00	11931
62.00	9710	92.00	5462	128.00	308	176.00	165760
63.00	7804	93.00	8755	129.00	314	177.00	9398
64.00	389	94.00	24640	130.00	606	193.00	77
66.00	184	95.00	223744	131.00	487	218.00	261
67.00	468	96.00	13985	134.00	51	260.00	64
68.00	20744	97.00	118	137.00	37		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83045.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-May-2015 21:51:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0027820-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	27-May-2015 10:32:31	Calib Date:	15-May-2015 07:25:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK010				
First Level Reviewer: martineze		Date:	27-May-2015 10:32:31		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.282	2.282	0.000	87	176721	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

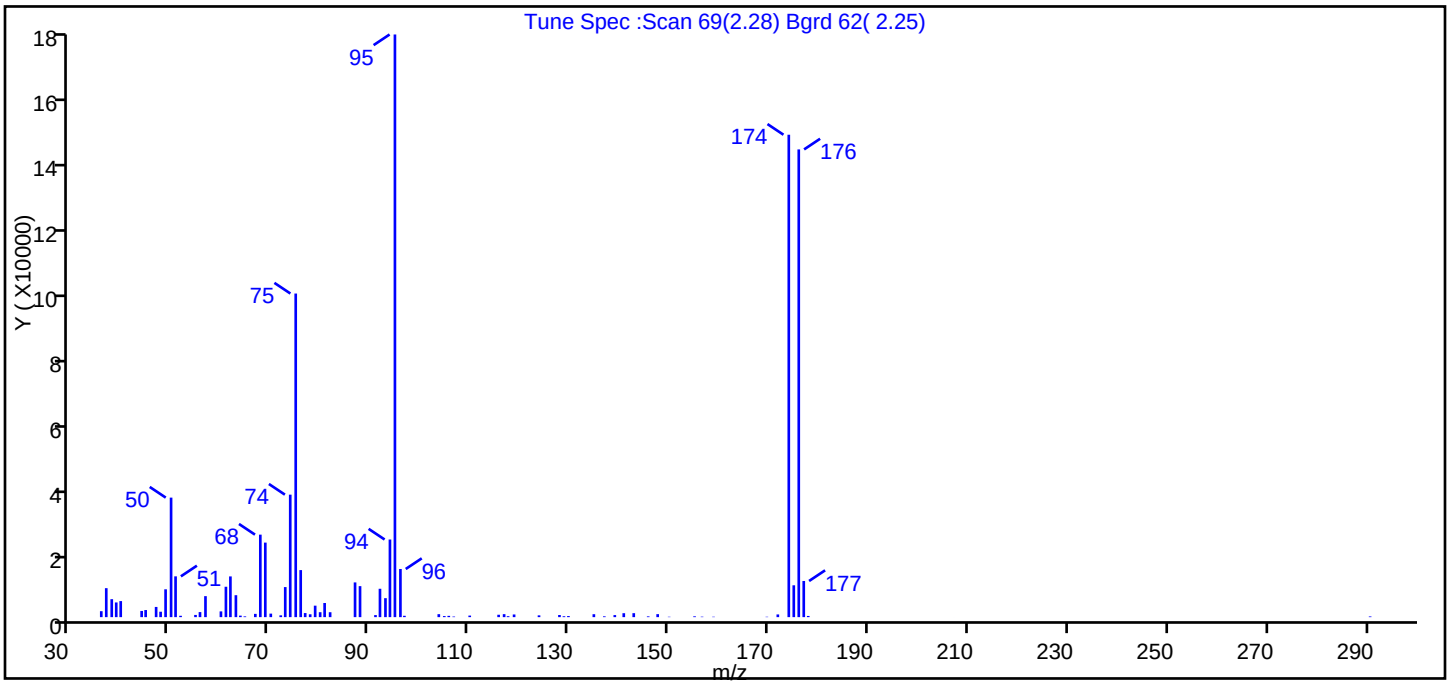
BFB_00006 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83045.D
Injection Date: 26-May-2015 21:51:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.5
75	30 to 60% of m/z 95	55.5
96	5 to 9% of m/z 95	8.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	82.8
175	5 to 9% of m/z 174	5.5 (6.6)
176	Greater than 95% but less than 101% of m/z 174	80.3 (97.0)
177	5 to 9% of m/z 176	6.2 (7.7)

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83045.D\8260W_2.rslt\spectra.d
Injection Date: 26-May-2015 21:51:30
Spectrum: Tune Spec :Scan 69(2.28) Bgrd 62(2.25)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1819	64.00	461	92.00	8657	137.00	246
37.10	8842	64.90	229	93.10	5789	139.10	628
38.20	5482	67.00	998	94.00	23688	140.90	1202
39.10	4484	68.00	25176	95.00	177792	142.90	1213
40.00	4895	69.00	22744	96.10	14693	145.80	233
44.20	1890	70.10	1074	96.90	413	147.70	913
45.00	2168	72.10	548	103.80	907	150.00	119
47.10	3114	73.00	9173	104.90	327	155.10	248
48.00	1652	74.00	37376	105.80	394	156.60	145
49.00	8495	75.10	98744	106.80	181	158.90	124
50.10	36472	76.10	14356	110.00	474	169.60	116
51.00	12448	77.00	1248	115.80	731	171.80	825
52.00	417	78.00	873	116.90	913	174.00	147200
55.00	674	79.00	3501	117.70	287	175.00	9719
55.90	1542	80.00	1507	118.90	817	176.00	142720
57.00	6407	80.90	4314	123.90	547	177.00	11032
60.10	1756	82.00	1502	128.00	651	177.90	363
61.10	9274	87.00	10595	128.90	269	207.10	2
62.00	12429	88.00	9460	129.80	333	290.60	212
63.10	6697	91.10	627	134.90	898		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300935/8

Matrix: Solid | Lab File ID: B83052.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/27/2015 00:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	50	U	50	12
108-67-8	1,3,5-Trimethylbenzene	50	U	50	13
99-87-6	4-Isopropyltoluene	50	U	50	13
71-43-2	Benzene	50	U	50	9.5
100-41-4	Ethylbenzene	50	U	50	15
98-82-8	Isopropylbenzene	50	U	50	16
1634-04-4	Methyl tert-butyl ether	50	U	50	6.5
91-20-3	Naphthalene	50	U	50	13
104-51-8	n-Butylbenzene	50	U	50	14
103-65-1	N-Propylbenzene	50	U	50	15
135-98-8	sec-Butylbenzene	50	U	50	16
98-06-6	tert-Butylbenzene	50	U	50	14
108-88-3	Toluene	50	U	50	13
1330-20-7	Xylenes, Total	100	U	100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-135
460-00-4	4-Bromofluorobenzene	99		72-133
1868-53-7	Dibromofluoromethane (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	98		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83052.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 27-May-2015 00:58:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0027820-008
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 10:36:54 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK010

First Level Reviewer: martineze Date: 27-May-2015 10:36:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.656	2.640	0.016	87	324832	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.742	3.743	-0.001	96	304610	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.261	0.008	96	134227	50.0	47.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	97	169654	50.0	45.1	
* 62 Fluorobenzene	96	4.960	4.961	-0.001	98	558716	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.816	5.800	0.016	96	27880	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	99	484930	50.0	49.2	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	448520	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	89	157204	50.0	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	245303	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

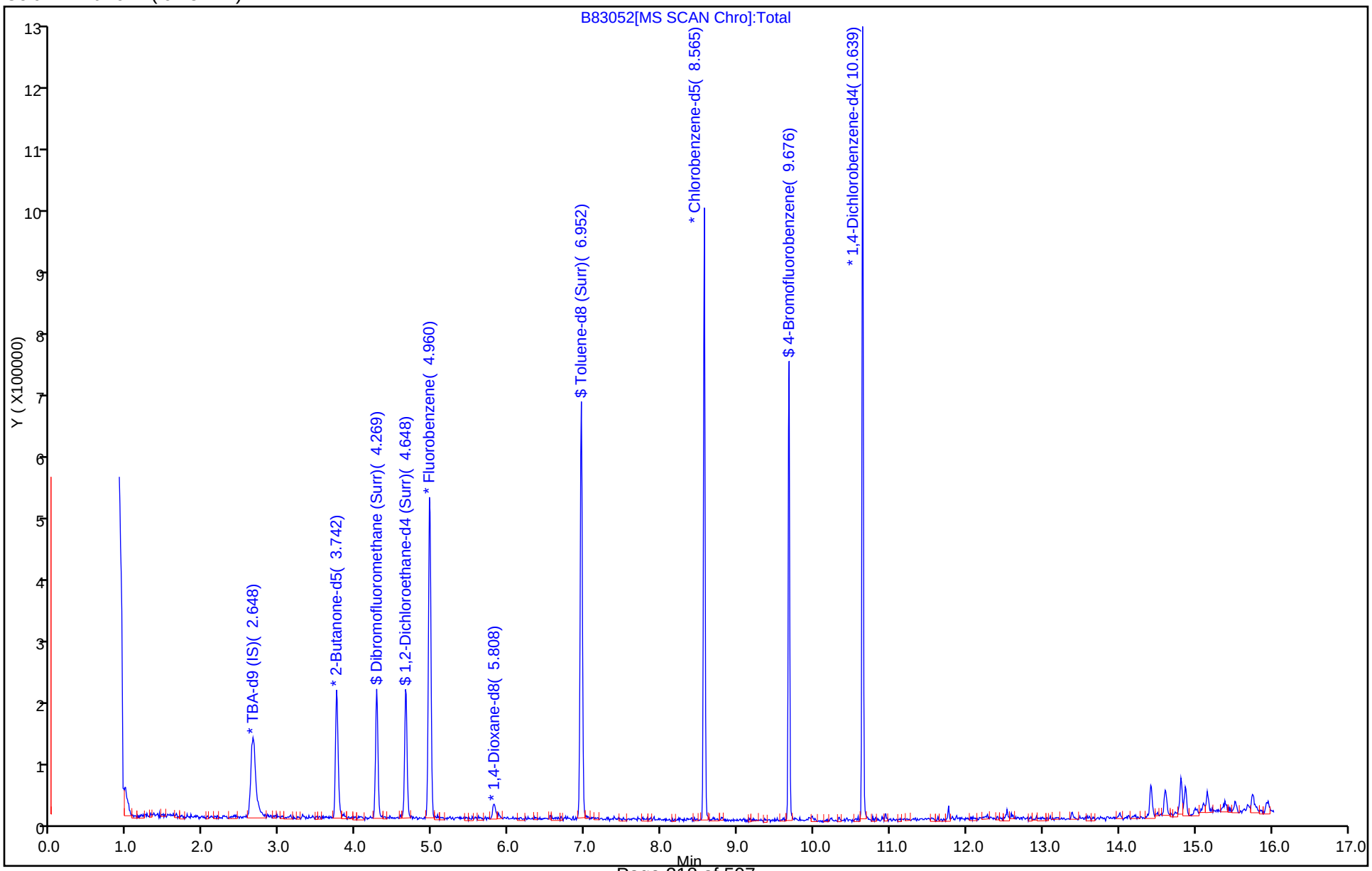
Report Date: 27-May-2015 10:36:54 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83052.D

Injection Date:	27-May-2015 00:58:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300938/7

Matrix: Solid | Lab File ID: O98837.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/26/2015 23:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
91-20-3	Naphthalene	1.0	U	1.0	0.12
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123		70-130
460-00-4	4-Bromofluorobenzene	108		70-130
1868-53-7	Dibromofluoromethane (Surr)	124		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98837.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 26-May-2015 23:41:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0027822-007
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:40:02 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: baronm Date: 27-May-2015 13:40:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
18 Acetone	43	1.910	1.910	0.000	87	3532		6.63	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	198316	1000.0	1000.0	
* 157 2-Butanone-d5	46	3.108	3.114	-0.006	100	123206	250.0	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.552	3.559	-0.007	98	112313	50.0	62.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.863	3.857	0.006	97	95711	50.0	61.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	294158	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	98	20132	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	429258	50.0	45.6	
* 91 Chlorobenzene-d5	117	7.920	7.921	0.000	85	355032	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	176107	50.0	54.2	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	197565	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

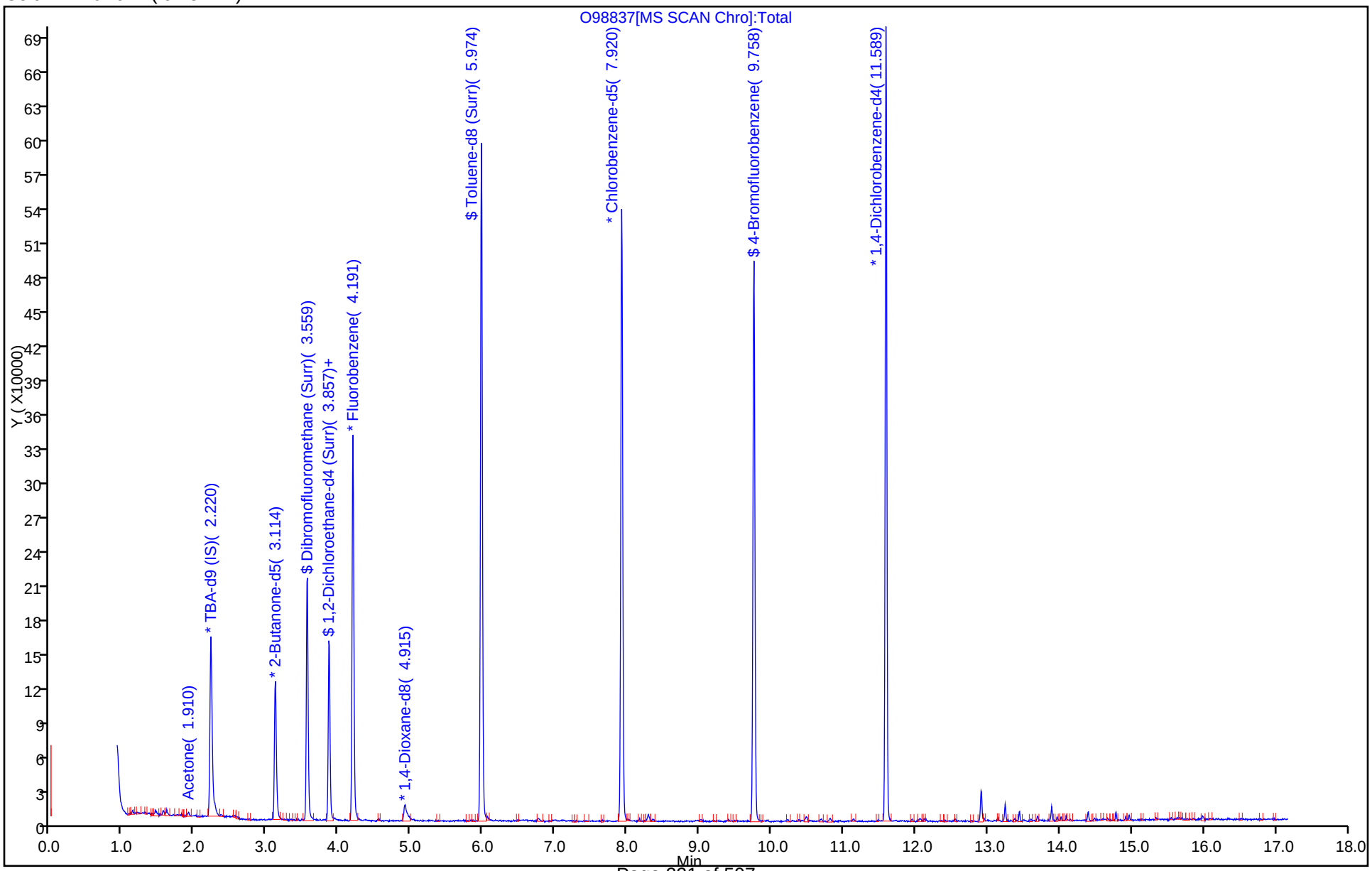
Report Date: 27-May-2015 13:40:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98837.D

Injection Date:	26-May-2015 23:41:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-300184/1-A

Matrix: Solid | Lab File ID: O98854.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/27/2015 06:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.13
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.15
71-43-2	Benzene	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.18
98-82-8	Isopropylbenzene	1.0	U	1.0	0.17
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.17
91-20-3	Naphthalene	1.0	U	1.0	0.12
104-51-8	n-Butylbenzene	1.0	U	1.0	0.21
103-65-1	N-Propylbenzene	1.0	U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.17
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.34
108-88-3	Toluene	1.0	U	1.0	0.19
1330-20-7	Xylenes, Total	2.0	U	2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
460-00-4	4-Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	116		70-130
2037-26-5	Toluene-d8 (Surr)	93		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98854.D
Lims ID: LB3 460-300184/1-A
Client ID:
Sample Type: LB3
Inject. Date: 27-May-2015 06:58:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-300184/1-A
Misc. Info.: 460-0027822-024
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:20:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: desais Date: 27-May-2015 11:05:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
18 Acetone	43	1.910	1.910	0.000	88	2940		6.18	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	162871	1000.0	1000.0	
* 157 2-Butanone-d5	46	3.109	3.114	-0.005	99	109915	250.0	250.0	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	107919	50.0	58.2	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	96	90406	50.0	56.4	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	301931	50.0	50.0	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	97	15233	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	453809	50.0	46.3	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	369995	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	96	176555	50.0	52.2	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	193063	50.0	50.0	

Reagents:

8260SURR250_00074 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00016 Amount Added: 1.00 Units: uL Run Reagent

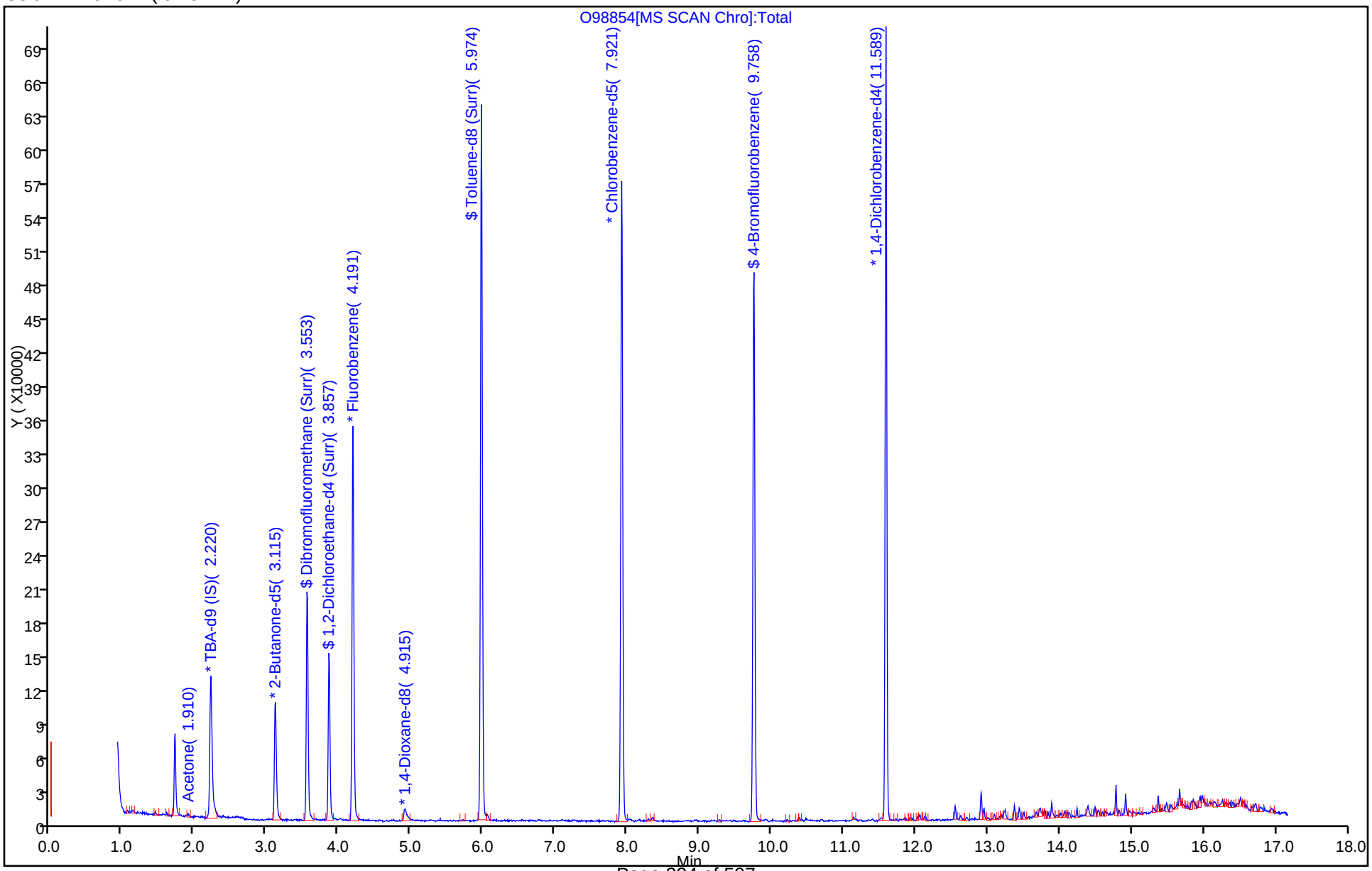
Report Date: 27-May-2015 13:20:13 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98854.D

Injection Date:	27-May-2015 06:58:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	LB3 460-300184/1-A			Worklist Smp#:	24
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300935/4

Matrix: Solid | Lab File ID: B83048.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 23:18

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	998		50	12
108-67-8	1,3,5-Trimethylbenzene	947		50	13
99-87-6	4-Isopropyltoluene	960		50	13
71-43-2	Benzene	1020		50	9.5
100-41-4	Ethylbenzene	924		50	15
98-82-8	Isopropylbenzene	990		50	16
1634-04-4	Methyl tert-butyl ether	1080		50	6.5
91-20-3	Naphthalene	758		50	13
104-51-8	n-Butylbenzene	947		50	14
103-65-1	N-Propylbenzene	1030		50	15
135-98-8	sec-Butylbenzene	983		50	16
98-06-6	tert-Butylbenzene	973		50	14
108-88-3	Toluene	1030		50	13
1330-20-7	Xylenes, Total	1920		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		75-135
460-00-4	4-Bromofluorobenzene	99		72-133
1868-53-7	Dibromofluoromethane (Surr)	118		70-130
2037-26-5	Toluene-d8 (Surr)	101		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83048.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 23:18:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0027820-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 14:03:32 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: martineze Date: 27-May-2015 10:35:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.009	88	11370	20.0	17.1	
2 Dichlorodifluoromethane	85	1.117	1.117	0.000	99	81637	20.0	19.7	
3 Chloromethane	50	1.232	1.224	0.008	98	83812	20.0	23.4	
5 Butadiene	54	1.323	1.315	0.008	89	83883	20.0	24.5	
4 Vinyl chloride	62	1.323	1.315	0.008	97	87985	20.0	21.9	
6 Bromomethane	94	1.553	1.545	0.008	98	76361	20.0	23.8	
7 Chloroethane	64	1.611	1.603	0.008	96	51860	20.0	23.0	
10 Trichlorofluoromethane	101	1.792	1.784	0.008	59	107197	20.0	21.8	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	97	141584	20.0	22.6	
8 Pentane	72	1.800	1.800	0.000	96	16143	40.0	42.3	
11 Ethyl ether	59	1.990	1.990	0.000	91	50418	20.0	21.7	
12 Ethanol	46	2.014	1.990	0.024	41	12576	800.0	814.1	
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	95	55641	20.0	22.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.055	2.047	0.008	94	53593	20.0	24.6	
15 Acrolein	56	2.154	2.146	0.008	30	5927	40.0	36.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	45	53689	20.0	21.1	
17 1,1-Dichloroethene	96	2.179	2.171	0.008	98	57858	20.0	21.1	
18 Acetone	43	2.269	2.269	0.000	86	60779	100.0	71.5	
19 Iodomethane	142	2.311	2.302	0.008	100	108364	20.0	22.5	
20 Carbon disulfide	76	2.335	2.327	0.008	99	223247	20.0	21.7	
21 Isopropyl alcohol	45	2.385	2.376	0.009	97	40466	200.0	237.4	
22 3-Chloro-1-propene	76	2.492	2.483	0.009	49	36972	20.0	23.6	
23 Cyclopentene	67	2.500	2.492	0.008	93	169434	20.0	22.8	
24 Methyl acetate	43	2.508	2.500	0.008	100	298803	100.0	118.8	
25 Acetonitrile	41	2.574	2.557	0.017	93	88752	200.0	234.6	
26 Methylene Chloride	84	2.615	2.607	0.008	95	71876	20.0	21.1	
* 27 TBA-d9 (IS)	65	2.648	2.640	0.008	90	335105	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.714	2.714	0.000	91	73253	200.0	171.3	
29 Methyl tert-butyl ether	73	2.780	2.771	0.009	96	199722	20.0	21.6	
30 trans-1,2-Dichloroethene	96	2.804	2.796	0.008	97	69554	20.0	21.2	
31 Acrylonitrile	53	2.887	2.878	0.009	95	245984	200.0	241.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.969	2.961	0.008	94	30635	20.0	23.9	
34 Isopropyl ether	45	3.208	3.199	0.009	97	230410	20.0	23.4	
33 1,1-Dichloroethane	63	3.216	3.208	0.008	94	124533	20.0	21.7	
36 Vinyl acetate	86	3.240	3.249	-0.009	84	10335	40.0	99.5	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	59437	20.0	21.3	
37 Allyl alcohol	57	3.315	3.306	0.009	95	17155	500.0	411.8	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	88	213653	20.0	21.6	
39 2,2-Dichloropropane	41	3.742	3.743	-0.001	63	59840	20.0	23.0	
* 158 2-Butanone-d5	46	3.742	3.743	-0.001	94	254155	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.775	3.767	0.008	98	75869	20.0	21.1	
41 2-Butanone (MEK)	72	3.808	3.800	0.008	96	30240	100.0	79.9	
42 Ethyl acetate	70	3.841	3.833	0.008	95	10604	40.0	33.7	
43 Methyl acrylate	55	3.874	3.866	0.008	99	56989	20.0	23.9	
44 Propionitrile	54	3.956	3.948	0.008	97	91166	200.0	199.2	
46 Tetrahydrofuran	72	4.006	4.006	0.000	71	18504	40.0	41.2	
45 Chlorobromomethane	128	4.022	4.014	0.008	95	35570	20.0	22.8	
47 Methacrylonitrile	67	4.063	4.055	0.008	92	277674	200.0	232.6	
48 Chloroform	83	4.096	4.096	0.000	99	123234	20.0	21.9	
49 Cyclohexane	84	4.203	4.195	0.008	87	74577	20.0	20.3	
50 1,1,1-Trichloroethane	97	4.228	4.228	0.000	98	101856	20.0	22.1	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.261	0.008	96	144660	50.0	59.0	
52 Carbon tetrachloride	117	4.360	4.352	0.008	90	80548	20.0	22.2	
53 1,1-Dichloropropene	75	4.401	4.393	0.008	96	78950	20.0	21.7	
55 Benzene	78	4.615	4.607	0.008	97	263759	20.0	20.4	
54 Isooctane	57	4.598	4.615	-0.017	95	105445	20.0	27.3	
56 Isobutyl alcohol	43	4.640	4.640	0.000	59	79303	500.0	504.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	96	176064	50.0	53.8	
58 Tert-amyl methyl ether	73	4.722	4.722	0.000	95	235845	20.0	21.8	
59 Isopropyl acetate	87	4.738	4.730	0.008	97	59281	20.0	21.6	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	97	93946	20.0	20.3	
61 n-Heptane	57	4.837	4.837	0.000	86	22279	20.0	24.9	
* 62 Fluorobenzene	96	4.960	4.961	-0.001	99	485667	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.224	5.224	0.000	94	172811	40.0	41.5	
64 Trichloroethene	95	5.372	5.380	-0.008	96	63243	20.0	21.0	
65 n-Butanol	56	5.430	5.430	0.000	89	34089	500.0	418.9	
66 Methylcyclohexane	83	5.504	5.504	0.000	93	61336	20.0	20.0	
67 Ethyl acrylate	55	5.586	5.578	0.008	99	78647	20.0	21.8	
68 1,2-Dichloropropane	63	5.718	5.709	0.009	88	67803	20.0	21.6	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	91	31046	1000.0	1000.0	
71 1,4-Dioxane	88	5.866	5.866	0.000	31	15312	400.0	454.2	
70 Dibromomethane	93	5.874	5.866	0.008	50	39135	20.0	20.3	
72 Methyl methacrylate	100	5.874	5.874	0.000	90	31521	40.0	41.2	
73 n-Propyl acetate	43	5.956	5.956	0.000	98	89303	20.0	22.4	
74 Dichlorobromomethane	83	6.080	6.072	0.008	95	85577	20.0	19.3	
75 2-Nitropropane	41	6.499	6.499	0.000	97	33897	40.0	42.0	
76 2-Chloroethyl vinyl ether	63	6.532	6.524	0.008	90	43011	20.0	22.1	
77 Epichlorohydrin	57	6.639	6.631	0.008	97	131187	400.0	414.5	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	94	105722	20.0	20.6	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.911	0.000	97	339477	100.0	94.5	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	99	508459	50.0	50.7	
81 Toluene	91	7.034	7.034	0.000	94	266859	20.0	20.6	
82 trans-1,3-Dichloropropene	75	7.429	7.429	0.000	97	88504	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.495	7.487	0.008	89	85435	20.0	20.8	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	90	47458	20.0	18.5	
85 Tetrachloroethene	166	7.635	7.627	0.008	91	50605	20.0	18.9	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	95	102155	20.0	19.9	
87 2-Hexanone	43	7.898	7.890	0.008	98	195851	100.0	87.5	
88 Chlorodibromomethane	129	8.005	8.006	-0.001	95	58303	20.0	19.4	
89 n-Butyl acetate	73	8.014	8.014	0.000	99	15790	20.0	20.2	
90 Ethylene Dibromide	107	8.112	8.113	-0.001	99	54651	20.0	19.5	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	88	455746	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	90	163824	20.0	19.7	
93 Ethylbenzene	106	8.680	8.680	0.000	98	87592	20.0	18.5	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.689	0.008	95	61227	20.0	19.0	
95 m-Xylene & p-Xylene	106	8.804	8.796	0.008	98	104846	20.0	19.2	
96 o-Xylene	106	9.174	9.174	0.000	93	111417	20.0	19.2	
97 n-Butyl acrylate	73	9.182	9.182	0.000	96	58020	20.0	18.8	
98 Styrene	104	9.199	9.199	0.000	95	193492	20.0	20.2	
99 Bromoform	173	9.388	9.388	0.000	96	37025	20.0	19.7	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	90	138166	20.0	20.2	
101 Isopropylbenzene	105	9.495	9.495	0.000	97	245028	20.0	19.8	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	91	159816	50.0	49.5	
103 Camphene	41	9.676	9.684	-0.008	94	15206	20.0	24.0	
104 Bromobenzene	156	9.791	9.783	0.008	97	71551	20.0	19.7	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	97	79700	20.0	19.6	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	293970	20.0	20.5	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	95	22295	20.0	18.6	
108 trans-1,4-Dichloro-2-buten	53	9.898	9.907	-0.009	80	21538	20.0	17.2	
109 2-Chlorotoluene	91	9.948	9.948	0.000	96	221335	20.0	19.6	
110 4-Ethyltoluene	105	9.956	9.956	0.000	97	248688	20.0	20.2	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	201670	20.0	18.9	
112 4-Chlorotoluene	91	10.046	10.046	0.000	98	205979	20.0	18.3	
113 Butyl Methacrylate	87	10.112	10.112	0.000	92	93002	20.0	18.8	
114 tert-Butylbenzene	119	10.277	10.277	0.000	93	142932	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	216016	20.0	20.0	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	209192	20.0	19.7	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	81	120235	20.0	18.3	
118 4-Isopropyltoluene	119	10.581	10.581	0.000	97	178111	20.0	19.2	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	97	254641	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.655	10.655	0.000	96	123571	20.0	18.7	
121 Benzyl chloride	91	10.787	10.779	0.008	98	146379	20.0	22.0	
122 2,3-Dihydroindene	117	10.836	10.837	-0.001	95	251471	20.0	19.5	
123 p-Diethylbenzene	119	10.886	10.886	0.000	93	103938	20.0	19.0	
124 n-Butylbenzene	91	10.911	10.902	0.009	97	196458	20.0	18.9	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	94	123832	20.0	19.1	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	96	171940	20.0	18.7	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	90	9733	20.0	11.8	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	95	63063	20.0	16.6	
129 Camphor	95	12.120	12.120	0.000	91	31080	100.0	65.7	
130 1,2,4-Trichlorobenzene	180	12.194	12.194	0.000	92	45355	20.0	13.3	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	93	24558	20.0	24.4	
132 Naphthalene	128	12.400	12.400	0.000	99	135566	20.0	15.2	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	92	39909	20.0	15.3	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	38.4	

Reagents:

8260SURR250_00074	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
GASES Li_00103	Amount Added: 20.00	Units: uL	
8260ISNEW_00016	Amount Added: 1.00	Units: uL	Run Reagent

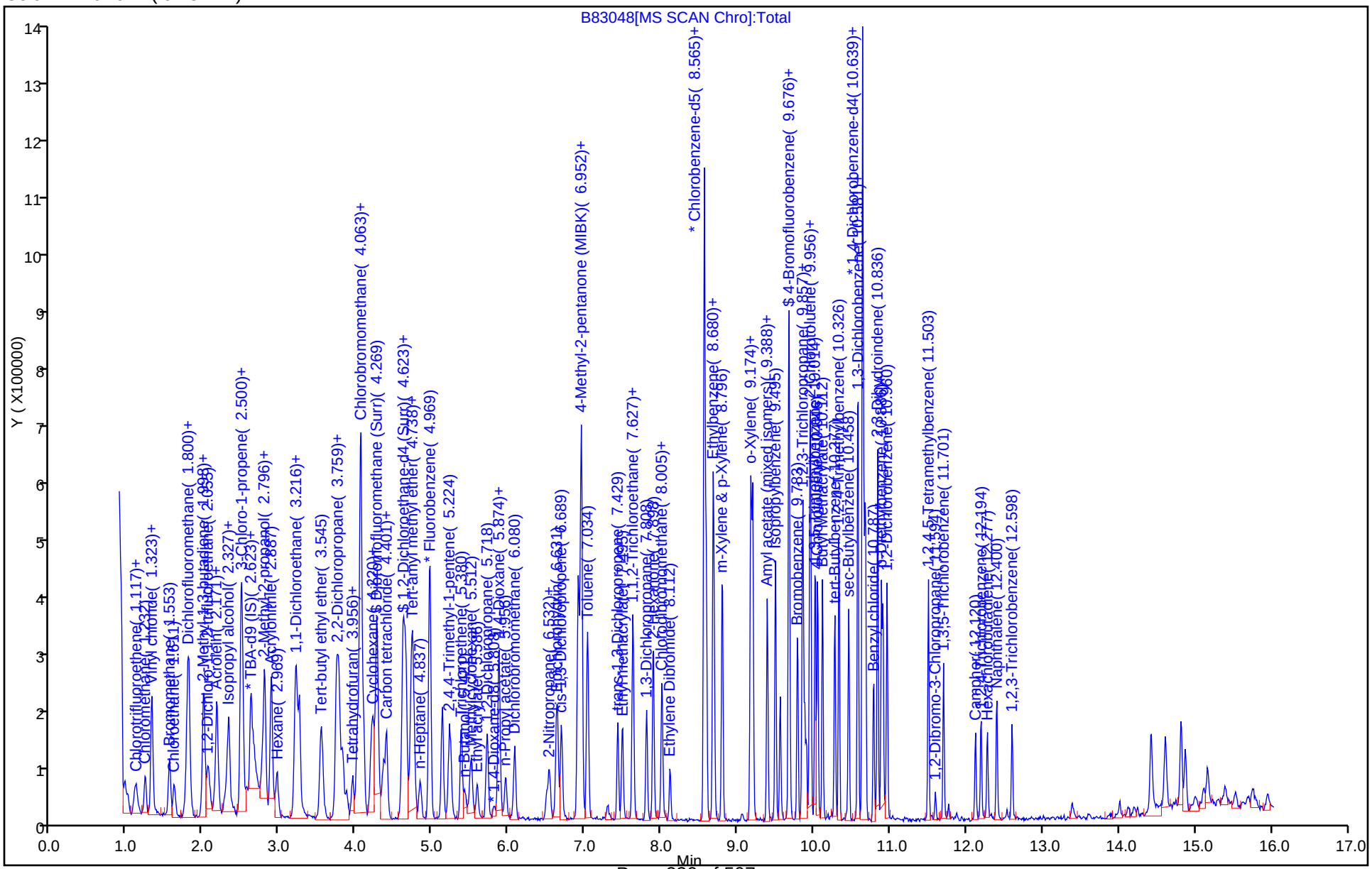
Report Date: 27-May-2015 14:10:48 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83048.D

Injection Date:	26-May-2015 23:18:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300938/5

Matrix: Solid | Lab File ID: O98835.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/26/2015 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	17.9		1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	18.2		1.0	0.13
99-87-6	4-Isopropyltoluene	18.2		1.0	0.15
71-43-2	Benzene	18.3		1.0	0.20
100-41-4	Ethylbenzene	18.6		1.0	0.18
98-82-8	Isopropylbenzene	19.3		1.0	0.17
1634-04-4	Methyl tert-butyl ether	21.0		1.0	0.17
91-20-3	Naphthalene	21.9		1.0	0.12
104-51-8	n-Butylbenzene	19.4		1.0	0.21
103-65-1	N-Propylbenzene	18.9		1.0	0.18
135-98-8	sec-Butylbenzene	19.0		1.0	0.17
98-06-6	tert-Butylbenzene	18.3		1.0	0.34
108-88-3	Toluene	18.6		1.0	0.19
1330-20-7	Xylenes, Total	35.8		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
460-00-4	4-Bromofluorobenzene	116		70-130
1868-53-7	Dibromofluoromethane (Surr)	104		70-130
2037-26-5	Toluene-d8 (Surr)	96		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98835.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 22:49:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0027822-005
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:09:08 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: martineze Date: 27-May-2015 09:23:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	95	15752	20.0	22.0	
2 Dichlorodifluoromethane	85	0.979	0.985	-0.006	100	139356	20.0	27.8	
3 Chloromethane	50	1.107	1.113	-0.006	100	99481	20.0	24.9	
4 Vinyl chloride	62	1.156	1.156	0.000	98	114761	20.0	25.1	
5 Butadiene	54	1.174	1.174	0.000	95	110871	20.0	26.7	
6 Bromomethane	94	1.344	1.344	0.000	98	73129	20.0	27.0	
7 Chloroethane	64	1.405	1.405	0.000	99	70505	20.0	23.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	169844	20.0	26.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	161197	20.0	25.8	
10 Pentane	72	1.606	1.606	0.000	95	32648	40.0	40.1	
11 Ethanol	46	1.667	1.685	-0.018	92	9413	800.0	763.7	
12 Ethyl ether	59	1.734	1.734	0.000	97	46970	20.0	19.8	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	75337	20.0	22.0	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	97	75245	20.0	21.6	
15 Acrolein	56	1.807	1.807	0.000	96	30034	300.0	262.9	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	77864	20.0	21.2	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	96	84849	20.0	21.2	
18 Acetone	43	1.904	1.910	-0.006	87	80733	100.0	129.8	
19 Iodomethane	142	1.971	1.971	0.000	98	83255	20.0	18.1	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	31	27931	200.0	185.7	
20 Carbon disulfide	76	2.013	2.013	0.000	99	258008	20.0	20.5	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	49326	20.0	26.7	
23 Methyl acetate	43	2.123	2.123	0.000	98	176316	100.0	87.7	
24 Acetonitrile	39	2.166	2.165	0.001	31	50600	200.0	179.3	
25 Cyclopentene	67	2.166	2.165	0.001	96	230292	20.0	22.0	
26 Methylene Chloride	84	2.190	2.190	0.000	88	76490	20.0	22.3	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	215236	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.281	2.281	0.000	98	50737	200.0	200.4	
29 Acrylonitrile	53	2.354	2.354	0.000	95	143826	200.0	256.7	
30 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	94	82054	20.0	20.8	
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	96	149853	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.585	2.585	0.000	92	69314	20.0	22.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	100	121633	20.0	19.7	
34 Allyl alcohol	57	2.731	2.731	0.000	64	20313	500.0	453.1	
35 Vinyl acetate	86	2.731	2.731	0.000	100	6813	40.0	40.3	
36 Isopropyl ether	45	2.750	2.756	-0.006	93	150899	20.0	20.9	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	90	71362	20.0	21.0	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	89	147235	20.0	22.1	
* 157 2-Butanone-d5	46	3.115	3.114	0.001	98	144408	250.0	250.0	
40 2,2-Dichloropropane	97	3.145	3.139	0.006	83	27343	20.0	21.9	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	77448	20.0	21.3	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	98	25897	100.0	99.7	
42 Propionitrile	54	3.206	3.206	0.000	94	50157	200.0	171.1	
43 Ethyl acetate	43	3.224	3.224	0.000	100	55092	40.0	37.7	
44 Methyl acrylate	55	3.248	3.248	0.000	99	34076	20.0	19.9	
45 Methacrylonitrile	67	3.334	3.334	0.000	91	164554	200.0	208.0	
46 Chlorobromomethane	128	3.340	3.340	0.000	79	31829	20.0	23.0	
47 Tetrahydrofuran	71	3.388	3.388	0.000	84	9549	40.0	38.3	
48 Chloroform	83	3.413	3.419	-0.006	99	115953	20.0	21.6	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	123673	50.0	52.1	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	112665	20.0	21.7	
51 Cyclohexane	56	3.626	3.626	0.000	89	127144	20.0	23.1	
53 Carbon tetrachloride	117	3.729	3.723	0.006	94	98720	20.0	21.2	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	95	94424	20.0	22.5	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	105772	50.0	51.5	
55 Isobutyl alcohol	43	3.869	3.869	0.000	92	36247	500.0	467.7	
56 Benzene	78	3.918	3.918	0.000	95	261401	20.0	18.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	68901	20.0	21.4	
58 Isooctane	57	4.015	4.015	0.000	97	248600	20.0	23.0	
72 Isopropyl acetate	43	4.021	4.021	0.000	97	135585	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	97	126172	20.0	22.6	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	387003	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	70602	20.0	25.3	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	92	357113	40.0	45.9	
64 Trichloroethene	95	4.569	4.568	0.001	96	72280	20.0	22.0	
63 n-Butanol	43	4.769	4.775	-0.006	46	5426	500.0	336.3	
65 Ethyl acrylate	55	4.769	4.769	0.000	78	98479	20.0	24.4	
66 Methylcyclohexane	83	4.775	4.775	0.000	93	129393	20.0	23.5	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	93	58170	20.0	21.4	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	40	20996	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	92	29872	20.0	20.9	
71 1,4-Dioxane	88	4.970	4.976	-0.006	32	10400	400.0	395.1	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	53953	40.0	42.8	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	41656	20.0	22.2	
74 Dichlorobromomethane	83	5.116	5.116	0.000	99	76858	20.0	21.1	
75 2-Nitropropane	41	5.384	5.378	0.006	97	16937	40.0	46.9	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	93	23711	20.0	21.9	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	67421	400.0	385.4	
78 cis-1,3-Dichloropropene	75	5.651	5.645	0.006	92	86891	20.0	18.4	
79 4-Methyl-2-pentanone (MIBK	43	5.864	5.870	-0.006	95	135346	100.0	99.8	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	473531	50.0	47.8	
81 Toluene	91	6.053	6.059	-0.006	94	268052	20.0	18.6	
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	97	66066	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	6.540	6.540	0.000	87	46252	20.0	17.4	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	32940	20.0	18.2	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	80329	20.0	18.6	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	91	69023	20.0	18.4	
87 2-Hexanone	43	6.978	6.978	0.000	94	101760	100.0	100.6	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	48284	20.0	17.1	
89 n-Butyl acetate	43	7.209	7.203	0.006	98	41027	20.0	21.1	
90 Ethylene Dibromide	107	7.233	7.233	0.000	99	39677	20.0	18.1	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	84	373390	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	96	162241	20.0	18.2	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	51662	20.0	17.1	
94 Ethylbenzene	106	8.164	8.164	0.000	98	97692	20.0	18.6	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	95	112623	20.0	18.2	
96 o-Xylene	106	8.943	8.943	0.000	94	103687	20.0	17.6	
97 Styrene	104	8.973	8.973	0.000	96	176624	20.0	17.8	
98 n-Butyl acrylate	73	9.022	9.022	0.000	98	28682	20.0	18.3	
99 Bromoform	173	9.204	9.204	0.000	99	29405	20.0	15.8	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	91	51484	20.0	18.6	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	308902	20.0	19.3	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	95	198046	50.0	58.0	
103 Camphene	41	9.916	9.916	0.000	94	25433	20.0	21.8	
104 Bromobenzene	156	9.953	9.952	0.000	93	71155	20.0	17.6	
105 1,1,2,2-Tetrachloroethane	83	10.062	10.056	0.006	98	42884	20.0	18.4	
106 1,2,3-Trichloropropane	110	10.086	10.080	0.006	97	13020	20.0	18.0	
107 trans-1,4-Dichloro-2-buten	53	10.153	10.153	0.000	93	10764	20.0	17.6	
108 N-Propylbenzene	91	10.220	10.226	-0.006	99	351421	20.0	18.9	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	189323	20.0	18.1	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	285362	20.0	18.0	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	194600	20.0	17.9	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	224468	20.0	18.2	
113 Butyl Methacrylate	87	10.816	10.816	0.000	87	55880	20.0	19.1	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	223656	20.0	18.3	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	227791	20.0	17.9	
116 sec-Butylbenzene	105	11.400	11.406	-0.006	99	338574	20.0	19.0	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	135230	20.0	17.3	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	94	209047	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	97	133198	20.0	17.1	
120 4-Isopropyltoluene	119	11.632	11.631	0.001	98	282685	20.0	18.2	
121 Benzyl chloride	91	11.826	11.820	0.006	100	91562	20.0	16.6	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	220425	20.0	17.8	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	98	122348	20.0	17.7	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	169655	20.0	18.4	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	319472	20.0	19.4	
126 1,2-Dibromo-3-Chloropropan	157	12.933	12.933	0.000	93	10177	20.0	15.9	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	243751	20.0	18.7	
133 1,3,5-Trichlorobenzene	180	13.146	13.140	0.006	98	121834	20.0	17.7	
129 Camphor	95	13.603	13.603	0.000	91	24543	100.0	111.1	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	93	108642	20.0	17.9	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	76543	20.0	17.8	
132 Naphthalene	128	13.889	13.888	0.001	99	182640	20.0	21.9	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	94264	20.0	17.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	35.8	
S 136 Total BTEX	1				0		100.0	91.3	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

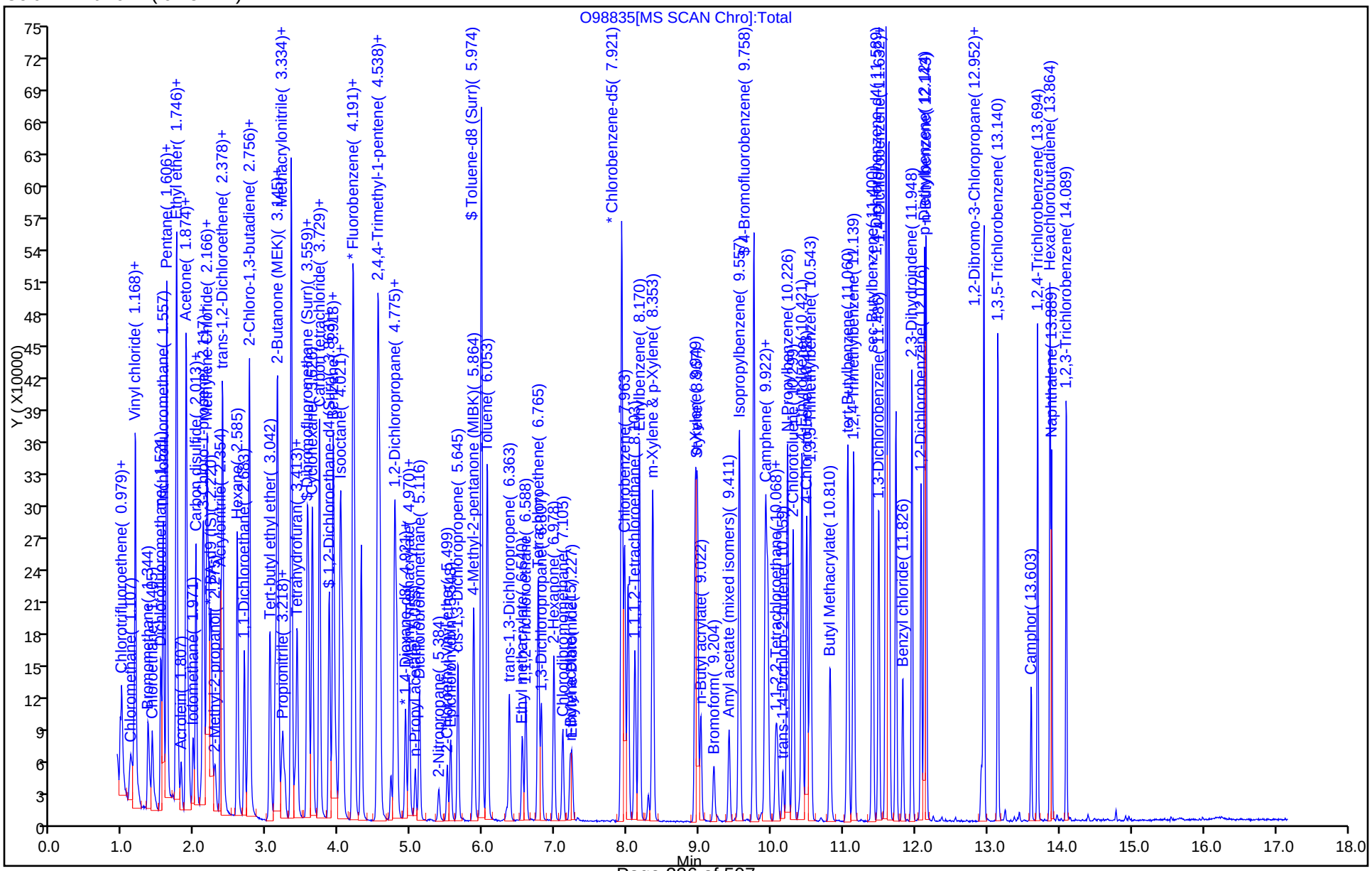
Report Date: 27-May-2015 13:11:29 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98835.D

Injection Date:	26-May-2015 22:49:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-300935/5

Matrix: Solid | Lab File ID: B83049.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/26/2015 23:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	1010		50	12
108-67-8	1,3,5-Trimethylbenzene	973		50	13
99-87-6	4-Isopropyltoluene	995		50	13
71-43-2	Benzene	1010		50	9.5
100-41-4	Ethylbenzene	969		50	15
98-82-8	Isopropylbenzene	1010		50	16
1634-04-4	Methyl tert-butyl ether	1140		50	6.5
91-20-3	Naphthalene	760		50	13
104-51-8	n-Butylbenzene	1010		50	14
103-65-1	N-Propylbenzene	1070		50	15
135-98-8	sec-Butylbenzene	991		50	16
98-06-6	tert-Butylbenzene	973		50	14
108-88-3	Toluene	1060		50	13
1330-20-7	Xylenes, Total	1960		100	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-135
460-00-4	4-Bromofluorobenzene	100		72-133
1868-53-7	Dibromofluoromethane (Surr)	117		70-130
2037-26-5	Toluene-d8 (Surr)	102		59-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83049.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-May-2015 23:45:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0027820-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:54:06 Calib Date: 15-May-2015 07:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150515-27416.b\B82672.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK052

First Level Reviewer: martineze Date: 27-May-2015 10:36:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.101	-0.008	89	14125	20.0	21.4	
2 Dichlorodifluoromethane	85	1.126	1.117	0.009	99	102214	20.0	24.8	
3 Chloromethane	50	1.233	1.224	0.009	99	94608	20.0	26.6	
5 Butadiene	54	1.323	1.315	0.008	91	84647	20.0	25.0	
4 Vinyl chloride	62	1.323	1.315	0.008	97	102178	20.0	25.6	
6 Bromomethane	94	1.554	1.545	0.009	98	85107	20.0	26.8	
7 Chloroethane	64	1.619	1.603	0.016	99	58116	20.0	26.1	
10 Trichlorofluoromethane	101	1.784	1.784	0.000	57	105928	20.0	21.7	
9 Dichlorofluoromethane	67	1.792	1.784	0.008	98	152392	20.0	24.5	
8 Pentane	72	1.809	1.800	0.009	97	16778	40.0	44.4	
11 Ethyl ether	59	1.990	1.990	0.000	93	53978	20.0	23.5	
12 Ethanol	46	2.023	1.990	0.033	48	8528	800.0	559.4	
13 2-Methyl-1,3-butadiene	53	2.006	1.998	0.008	95	62937	20.0	26.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.072	2.047	0.025	86	56700	20.0	26.3	
15 Acrolein	56	2.154	2.146	0.008	27	6094	40.0	38.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.171	2.171	0.000	48	60722	20.0	24.1	
17 1,1-Dichloroethene	96	2.179	2.171	0.008	97	63070	20.0	23.2	
18 Acetone	43	2.278	2.269	0.009	84	62302	100.0	73.0	
19 Iodomethane	142	2.311	2.302	0.009	100	111974	20.0	23.5	
20 Carbon disulfide	76	2.335	2.327	0.008	100	231739	20.0	22.7	
21 Isopropyl alcohol	45	2.393	2.376	0.017	98	40572	200.0	241.6	
22 3-Chloro-1-propene	76	2.483	2.483	0.000	44	42215	20.0	27.2	
23 Cyclopentene	67	2.492	2.492	0.000	80	175267	20.0	23.8	
24 Methyl acetate	43	2.508	2.500	0.008	100	312985	100.0	125.5	
25 Acetonitrile	41	2.574	2.557	0.017	96	90066	200.0	240.1	
26 Methylene Chloride	84	2.615	2.607	0.008	93	71076	20.0	21.0	
* 27 TBA-d9 (IS)	65	2.648	2.640	0.008	89	330229	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.730	2.714	0.016	95	74889	200.0	177.7	
29 Methyl tert-butyl ether	73	2.780	2.771	0.009	96	207989	20.0	22.7	
30 trans-1,2-Dichloroethene	96	2.804	2.796	0.008	95	70601	20.0	21.7	
31 Acrylonitrile	53	2.887	2.878	0.009	95	249314	200.0	247.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.961	2.961	0.000	89	32391	20.0	25.5	
34 Isopropyl ether	45	3.208	3.199	0.009	96	232163	20.0	23.8	
33 1,1-Dichloroethane	63	3.208	3.208	0.000	86	133283	20.0	23.5	
36 Vinyl acetate	86	3.257	3.249	0.008	98	9746	40.0	94.7	
35 2-Chloro-1,3-butadiene	88	3.257	3.249	0.008	92	61057	20.0	22.1	
37 Allyl alcohol	57	3.306	3.306	0.000	92	20085	500.0	488.0	
38 Tert-butyl ethyl ether	59	3.545	3.537	0.008	87	228807	20.0	23.3	
39 2,2-Dichloropropane	41	3.743	3.743	0.000	63	65338	20.0	25.3	
* 158 2-Butanone-d5	46	3.743	3.743	0.000	94	255425	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.776	3.767	0.009	94	71431	20.0	20.0	
41 2-Butanone (MEK)	72	3.808	3.800	0.008	96	29101	100.0	76.5	
42 Ethyl acetate	70	3.833	3.833	0.000	94	11654	40.0	36.8	
43 Methyl acrylate	55	3.874	3.866	0.008	98	58821	20.0	24.9	
44 Propionitrile	54	3.948	3.948	0.000	98	92585	200.0	205.3	
46 Tetrahydrofuran	72	4.014	4.006	0.008	53	16130	40.0	35.8	
45 Chlorobromomethane	128	4.022	4.014	0.008	87	35984	20.0	23.3	
47 Methacrylonitrile	67	4.064	4.055	0.009	92	279432	200.0	236.1	
48 Chloroform	83	4.096	4.096	0.000	97	124703	20.0	22.4	
49 Cyclohexane	84	4.203	4.195	0.008	89	75419	20.0	20.8	
50 1,1,1-Trichloroethane	97	4.228	4.228	0.000	98	99674	20.0	21.8	
$ 51 Dibromofluoromethane (Surr	113	4.269	4.261	0.008	95	142522	50.0	58.6	
52 Carbon tetrachloride	117	4.352	4.352	0.000	97	83503	20.0	23.3	
53 1,1-Dichloropropene	75	4.393	4.393	0.000	95	82183	20.0	22.8	
55 Benzene	78	4.615	4.607	0.008	97	267708	20.0	20.2	
54 Isooctane	57	4.607	4.615	-0.008	96	115496	20.0	30.1	
56 Isobutyl alcohol	43	4.640	4.640	0.000	58	88349	500.0	570.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.648	4.648	0.000	96	173448	50.0	53.5	
58 Tert-amyl methyl ether	73	4.730	4.722	0.008	92	241598	20.0	22.5	
59 Isopropyl acetate	87	4.730	4.730	0.000	97	61899	20.0	22.8	
60 1,2-Dichloroethane	62	4.738	4.730	0.008	76	98461	20.0	21.5	
61 n-Heptane	57	4.837	4.837	0.000	91	22321	20.0	25.2	
* 62 Fluorobenzene	96	4.961	4.961	0.000	98	481440	50.0	50.0	
63 2,4,4-Trimethyl-1-pentene	57	5.232	5.224	0.008	95	190590	40.0	46.2	
64 Trichloroethene	95	5.380	5.380	0.000	96	66129	20.0	22.1	
65 n-Butanol	56	5.430	5.430	0.000	93	32414	500.0	404.2	
66 Methylcyclohexane	83	5.512	5.504	0.008	93	62896	20.0	20.7	
67 Ethyl acrylate	55	5.586	5.578	0.008	98	83801	20.0	23.4	
68 1,2-Dichloropropane	63	5.718	5.709	0.009	89	69862	20.0	22.4	
* 69 1,4-Dioxane-d8	96	5.808	5.800	0.008	94	32869	1000.0	1000.0	
71 1,4-Dioxane	88	5.874	5.866	0.008	31	17150	400.0	480.5	
70 Dibromomethane	93	5.866	5.866	0.000	98	41315	20.0	21.6	
72 Methyl methacrylate	100	5.874	5.874	0.000	93	34097	40.0	44.9	
73 n-Propyl acetate	43	5.956	5.956	0.000	98	92767	20.0	23.4	
74 Dichlorobromomethane	83	6.072	6.072	0.000	98	90132	20.0	20.5	
75 2-Nitropropane	41	6.500	6.499	0.001	95	33284	40.0	41.6	
76 2-Chloroethyl vinyl ether	63	6.532	6.524	0.008	90	47159	20.0	24.5	
77 Epichlorohydrin	57	6.631	6.631	0.000	96	137179	400.0	431.2	
78 cis-1,3-Dichloropropene	75	6.689	6.689	0.000	94	110067	20.0	20.8	
79 4-Methyl-2-pentanone (MIBK	43	6.911	6.911	0.000	99	341551	100.0	94.6	
$ 80 Toluene-d8 (Surr)	98	6.952	6.952	0.000	98	524423	50.0	50.9	
81 Toluene	91	7.034	7.034	0.000	92	282010	20.0	21.2	
82 trans-1,3-Dichloropropene	75	7.430	7.429	0.001	95	96004	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	7.487	7.487	0.000	87	92077	20.0	21.8	
84 1,1,2-Trichloroethane	83	7.627	7.619	0.008	91	53350	20.0	20.3	
85 Tetrachloroethene	166	7.635	7.627	0.008	91	56127	20.0	20.4	
86 1,3-Dichloropropane	76	7.808	7.808	0.000	95	102387	20.0	19.4	
87 2-Hexanone	43	7.890	7.890	0.000	96	196305	100.0	87.2	
88 Chlorodibromomethane	129	8.006	8.006	0.000	98	60961	20.0	19.7	
89 n-Butyl acetate	73	8.014	8.014	0.000	98	15374	20.0	19.1	
90 Ethylene Dibromide	107	8.113	8.113	0.000	97	59319	20.0	20.6	
* 91 Chlorobenzene-d5	117	8.565	8.565	0.000	89	468212	50.0	50.0	
92 Chlorobenzene	112	8.590	8.590	0.000	93	173900	20.0	20.3	
93 Ethylbenzene	106	8.680	8.680	0.000	98	94404	20.0	19.4	
94 1,1,1,2-Tetrachloroethane	131	8.697	8.689	0.008	93	64772	20.0	19.6	
95 m-Xylene & p-Xylene	106	8.796	8.796	0.000	98	111395	20.0	19.8	
96 o-Xylene	106	9.174	9.174	0.000	93	115592	20.0	19.4	
97 n-Butyl acrylate	73	9.182	9.182	0.000	96	60692	20.0	19.2	
98 Styrene	104	9.199	9.199	0.000	92	194891	20.0	19.8	
99 Bromoform	173	9.388	9.388	0.000	94	40547	20.0	21.0	
100 Amyl acetate (mixed isomer	43	9.388	9.388	0.000	91	142497	20.0	20.4	
101 Isopropylbenzene	105	9.495	9.495	0.000	96	258026	20.0	20.3	
$ 102 4-Bromofluorobenzene	174	9.676	9.676	0.000	88	166194	50.0	50.1	
103 Camphene	41	9.684	9.684	0.000	95	17719	20.0	27.2	
104 Bromobenzene	156	9.791	9.783	0.008	98	73901	20.0	19.8	
105 1,1,2,2-Tetrachloroethane	83	9.849	9.849	0.000	98	85927	20.0	20.6	
106 N-Propylbenzene	91	9.857	9.857	0.000	98	315250	20.0	21.5	
107 1,2,3-Trichloropropane	110	9.882	9.882	0.000	97	21792	20.0	17.7	
108 trans-1,4-Dichloro-2-buten	53	9.907	9.907	0.000	76	25530	20.0	19.9	
109 2-Chlorotoluene	91	9.948	9.948	0.000	97	227904	20.0	19.7	
110 4-Ethyltoluene	105	9.956	9.956	0.000	98	265551	20.0	21.1	
111 1,3,5-Trimethylbenzene	105	10.014	10.014	0.000	92	212319	20.0	19.5	
112 4-Chlorotoluene	91	10.047	10.046	0.001	98	213794	20.0	18.6	
113 Butyl Methacrylate	87	10.112	10.112	0.000	91	105441	20.0	20.8	
114 tert-Butylbenzene	119	10.277	10.277	0.000	92	146553	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	10.326	10.326	0.000	98	225100	20.0	20.3	
116 sec-Butylbenzene	105	10.458	10.458	0.000	98	216207	20.0	19.8	
117 1,3-Dichlorobenzene	146	10.581	10.581	0.000	81	120799	20.0	17.9	
118 4-Isopropyltoluene	119	10.573	10.581	-0.008	97	189263	20.0	19.9	
* 119 1,4-Dichlorobenzene-d4	152	10.639	10.639	0.000	96	261030	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.656	10.655	0.001	95	129514	20.0	19.1	
121 Benzyl chloride	91	10.787	10.779	0.008	98	167047	20.0	24.5	
122 2,3-Dihydroindene	117	10.837	10.837	0.000	95	263162	20.0	20.0	
123 p-Diethylbenzene	119	10.886	10.886	0.000	93	116032	20.0	20.7	
124 n-Butylbenzene	91	10.902	10.902	0.000	98	214593	20.0	20.2	
125 1,2-Dichlorobenzene	146	10.960	10.960	0.000	95	132475	20.0	20.0	
126 1,2,4,5-Tetramethylbenzene	119	11.503	11.503	0.000	96	182936	20.0	19.4	
127 1,2-Dibromo-3-Chloropropan	75	11.594	11.594	0.000	90	11367	20.0	13.4	
128 1,3,5-Trichlorobenzene	180	11.701	11.701	0.000	96	66810	20.0	17.2	
129 Camphor	95	12.120	12.120	0.000	92	30677	100.0	63.3	
130 1,2,4-Trichlorobenzene	180	12.195	12.194	0.001	93	42664	20.0	12.2	
131 Hexachlorobutadiene	225	12.277	12.277	0.000	95	27225	20.0	26.4	
132 Naphthalene	128	12.400	12.400	0.000	99	139483	20.0	15.2	
133 1,2,3-Trichlorobenzene	180	12.598	12.598	0.000	95	44297	20.0	16.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	39.2	

Reagents:

8260SURR250_00074	Amount Added: 1.00	Units: uL	
8260MIX1COMB_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00037	Amount Added: 4.00	Units: uL	
GASES Li_00103	Amount Added: 20.00	Units: uL	
8260ISNEW_00016	Amount Added: 1.00	Units: uL	Run Reagent

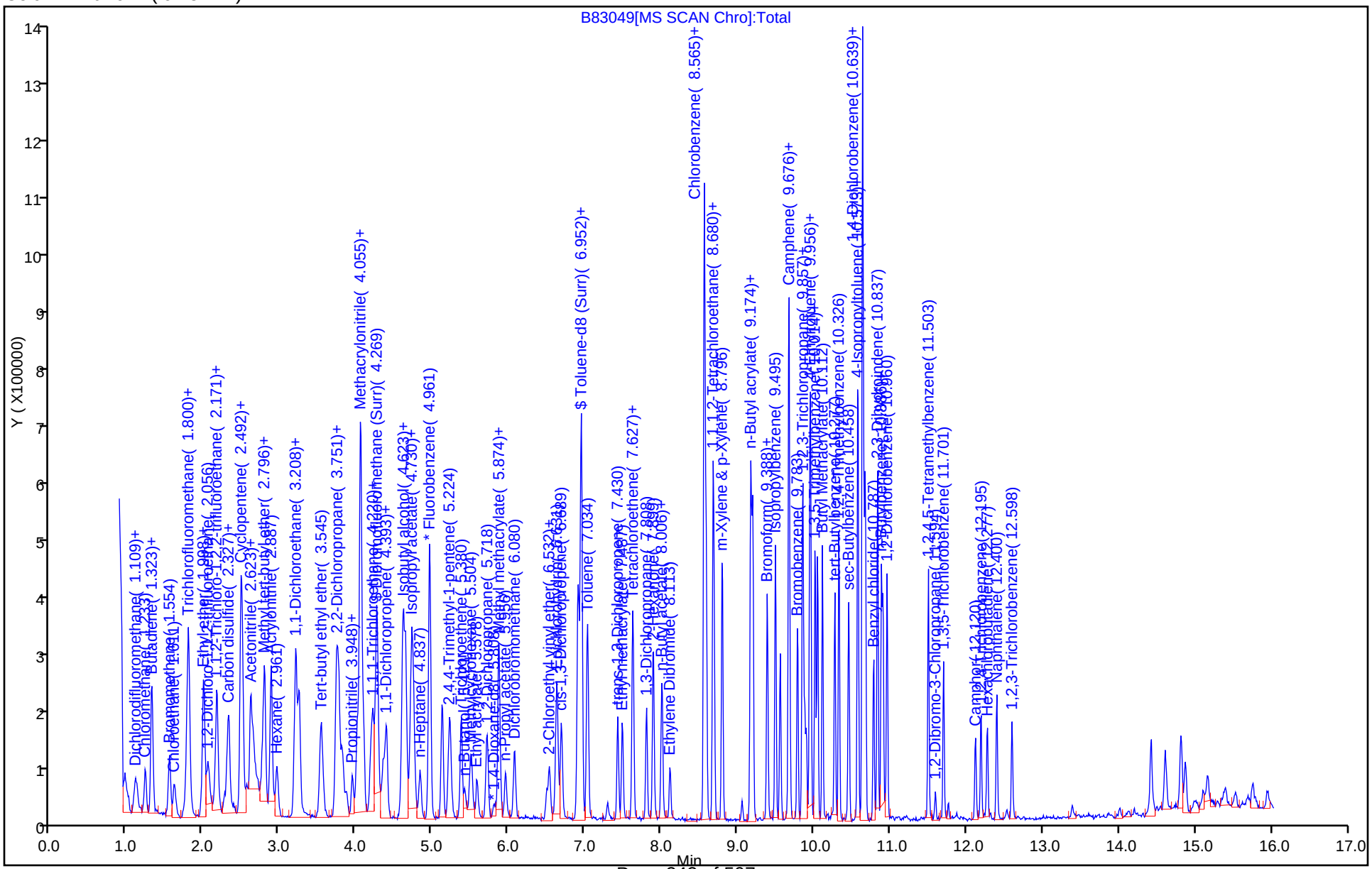
Report Date: 27-May-2015 13:56:01 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS2\20150526-27820.b\B83049.D

Injection Date:	26-May-2015 23:45:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-300938/27

Matrix: Solid | Lab File ID: O98857.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/27/2015 08:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

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

Analysis Batch No.: 300938 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-63-6	1,2,4-Trimethylbenzene	17.6		1.0	0.34
108-67-8	1,3,5-Trimethylbenzene	17.6		1.0	0.13
99-87-6	4-Isopropyltoluene	18.1		1.0	0.15
71-43-2	Benzene	19.3		1.0	0.20
100-41-4	Ethylbenzene	19.0		1.0	0.18
98-82-8	Isopropylbenzene	19.6		1.0	0.17
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.17
91-20-3	Naphthalene	22.1		1.0	0.12
104-51-8	n-Butylbenzene	19.2		1.0	0.21
103-65-1	N-Propylbenzene	19.9		1.0	0.18
135-98-8	sec-Butylbenzene	19.8		1.0	0.17
98-06-6	tert-Butylbenzene	19.0		1.0	0.34
108-88-3	Toluene	19.0		1.0	0.19
1330-20-7	Xylenes, Total	36.7		2.0	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
460-00-4	4-Bromofluorobenzene	104		70-130
1868-53-7	Dibromofluoromethane (Surr)	99		70-130
2037-26-5	Toluene-d8 (Surr)	86		70-130

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98857.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 27-May-2015 08:14:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0027822-027
Operator ID: VOA GC/MS12 Instrument ID: CVOAMS12

Method: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\8260S_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-May-2015 13:20:11 Calib Date: 22-May-2015 11:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150522-27689.b\O98735.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK034

First Level Reviewer: baronm Date: 27-May-2015 13:21:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	94	14369	20.0	22.7	
2 Dichlorodifluoromethane	85	0.979	0.985	-0.006	100	126600	20.0	28.6	
3 Chloromethane	50	1.107	1.113	-0.006	99	92637	20.0	26.3	
4 Vinyl chloride	62	1.150	1.156	-0.006	98	104423	20.0	25.9	
5 Butadiene	54	1.168	1.174	-0.006	96	100165	20.0	27.4	
6 Bromomethane	94	1.344	1.344	0.000	99	71989	20.0	30.2	
7 Chloroethane	64	1.405	1.405	0.000	98	64875	20.0	24.6	
8 Dichlorofluoromethane	67	1.521	1.521	0.000	99	155015	20.0	27.5	
9 Trichlorofluoromethane	101	1.557	1.557	0.000	99	142022	20.0	25.8	
10 Pentane	72	1.606	1.606	0.000	96	33729	40.0	47.0	
11 Ethanol	46	1.667	1.685	-0.018	93	15638	800.0	1355.8	
12 Ethyl ether	59	1.734	1.734	0.000	95	46683	20.0	22.4	
13 1,2-Dichloro-1,1,2-trifluo	117	1.740	1.740	0.000	90	72358	20.0	24.0	
14 2-Methyl-1,3-butadiene	53	1.746	1.746	0.000	96	75248	20.0	24.6	
15 Acrolein	56	1.807	1.807	0.000	95	26208	300.0	243.6	
16 1,1-Dichloroethene	96	1.874	1.873	0.001	99	76872	20.0	23.8	
17 1,1,2-Trichloro-1,2,2-trif	101	1.880	1.880	0.000	97	84987	20.0	24.1	
18 Acetone	43	1.904	1.910	-0.006	87	74847	100.0	128.1	
19 Iodomethane	142	1.971	1.971	0.000	98	65389	20.0	16.1	
21 Isopropyl alcohol	45	2.001	2.007	-0.006	33	26912	200.0	190.0	
20 Carbon disulfide	76	2.013	2.013	0.000	99	255169	20.0	23.0	
22 3-Chloro-1-propene	76	2.105	2.105	0.000	92	46298	20.0	28.5	
23 Methyl acetate	43	2.123	2.123	0.000	99	170278	100.0	90.0	
24 Acetonitrile	39	2.166	2.165	0.001	31	50424	200.0	189.8	
25 Cyclopentene	67	2.166	2.165	0.001	96	229643	20.0	24.9	
26 Methylene Chloride	84	2.190	2.190	0.000	89	69934	20.0	23.1	
* 27 TBA-d9 (IS)	65	2.220	2.226	-0.006	99	202678	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.275	2.281	-0.006	99	46115	200.0	193.4	
29 Acrylonitrile	53	2.354	2.354	0.000	95	134552	200.0	272.4	
30 trans-1,2-Dichloroethene	96	2.379	2.378	0.000	96	80560	20.0	23.2	
31 Methyl tert-butyl ether	73	2.385	2.384	0.001	96	134803	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.585	2.585	0.000	92	63787	20.0	23.2	
33 1,1-Dichloroethane	63	2.683	2.683	0.000	99	125667	20.0	23.1	
34 Allyl alcohol	57	2.725	2.731	-0.006	34	18194	500.0	431.0	
35 Vinyl acetate	86	2.731	2.731	0.000	100	6385	40.0	40.2	
36 Isopropyl ether	45	2.750	2.756	-0.006	96	139899	20.0	22.0	
37 2-Chloro-1,3-butadiene	88	2.756	2.756	0.000	91	68867	20.0	23.0	
38 Tert-butyl ethyl ether	59	3.042	3.041	0.001	89	130556	20.0	22.2	
* 157 2-Butanone-d5	46	3.109	3.114	-0.005	100	135690	250.0	250.0	
40 2,2-Dichloropropane	97	3.139	3.139	0.000	81	26044	20.0	23.6	
39 cis-1,2-Dichloroethene	96	3.139	3.139	0.000	96	76024	20.0	23.7	
41 2-Butanone (MEK)	72	3.163	3.163	0.000	99	23557	100.0	96.5	
42 Propionitrile	54	3.206	3.206	0.000	95	49691	200.0	180.0	
43 Ethyl acetate	43	3.224	3.224	0.000	100	50936	40.0	37.1	
44 Methyl acrylate	55	3.248	3.248	0.000	99	29044	20.0	19.2	
45 Methacrylonitrile	67	3.334	3.334	0.000	91	150279	200.0	215.6	
46 Chlorobromomethane	128	3.340	3.340	0.000	79	30654	20.0	25.2	
47 Tetrahydrofuran	71	3.388	3.388	0.000	83	9210	40.0	39.3	
48 Chloroform	83	3.413	3.419	-0.006	99	114172	20.0	24.1	
$ 49 Dibromofluoromethane (Surr	113	3.553	3.559	-0.006	98	103076	50.0	49.3	
50 1,1,1-Trichloroethane	97	3.577	3.577	0.000	98	108541	20.0	23.8	
51 Cyclohexane	56	3.626	3.626	0.000	89	124151	20.0	25.6	
53 Carbon tetrachloride	117	3.723	3.723	0.000	94	93996	20.0	22.9	
52 1,1-Dichloropropene	75	3.729	3.729	0.000	94	89831	20.0	24.3	
$ 54 1,2-Dichloroethane-d4 (Sur	65	3.857	3.857	0.000	97	88497	50.0	48.9	
55 Isobutyl alcohol	43	3.869	3.869	0.000	91	32115	500.0	440.0	
56 Benzene	78	3.918	3.918	0.000	95	248670	20.0	19.3	
57 1,2-Dichloroethane	62	3.930	3.930	0.000	98	66256	20.0	23.3	
58 Isooctane	57	4.015	4.015	0.000	96	229653	20.0	24.1	
72 Isopropyl acetate	43	4.021	4.021	0.000	96	119355	20.0	22.5	
59 Tert-amyl methyl ether	73	4.045	4.045	0.000	98	109929	20.0	22.3	
* 60 Fluorobenzene	96	4.191	4.191	0.000	99	341035	50.0	50.0	
61 n-Heptane	71	4.210	4.210	0.000	100	63421	20.0	25.8	
62 2,4,4-Trimethyl-1-pentene	57	4.538	4.538	0.000	93	329723	40.0	48.1	
64 Trichloroethene	95	4.569	4.568	0.001	98	67745	20.0	23.4	
65 Ethyl acrylate	55	4.769	4.769	0.000	75	89544	20.0	25.2	
63 n-Butanol	43	4.769	4.775	-0.006	47	4944	500.0	325.3	
66 Methylcyclohexane	83	4.769	4.775	-0.006	93	115591	20.0	23.9	
67 1,2-Dichloropropane	63	4.800	4.800	0.000	92	56801	20.0	23.7	
* 68 1,4-Dioxane-d8	96	4.915	4.915	0.000	39	20862	1000.0	1000.0	
69 Dibromomethane	93	4.921	4.921	0.000	93	28841	20.0	22.9	
70 Methyl methacrylate	41	4.970	4.970	0.000	84	47599	40.0	42.9	
71 1,4-Dioxane	88	4.964	4.976	-0.012	34	9983	400.0	381.7	
73 n-Propyl acetate	43	5.055	5.055	0.000	97	35263	20.0	21.3	
74 Dichlorobromomethane	83	5.110	5.116	-0.006	99	72943	20.0	22.7	
75 2-Nitropropane	41	5.378	5.378	0.000	99	15380	40.0	48.3	
76 2-Chloroethyl vinyl ether	63	5.499	5.499	0.000	95	23009	20.0	24.1	
77 Epichlorohydrin	57	5.548	5.548	0.000	99	63367	400.0	385.5	
78 cis-1,3-Dichloropropene	75	5.645	5.645	0.000	92	79199	20.0	18.6	
79 4-Methyl-2-pentanone (MIBK	43	5.864	5.870	-0.006	95	123730	100.0	97.0	
$ 80 Toluene-d8 (Surr)	98	5.974	5.974	0.000	99	383305	50.0	42.9	
81 Toluene	91	6.059	6.059	0.000	93	246831	20.0	19.0	
82 trans-1,3-Dichloropropene	75	6.363	6.363	0.000	97	58672	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	6.540	6.540	0.000	88	40286	20.0	16.8	
84 1,1,2-Trichloroethane	83	6.588	6.588	0.000	95	29422	20.0	18.0	
85 Tetrachloroethene	166	6.765	6.765	0.000	98	71075	20.0	18.3	
86 1,3-Dichloropropane	76	6.807	6.807	0.000	92	63606	20.0	18.8	
87 2-Hexanone	43	6.978	6.978	0.000	94	89148	100.0	93.8	
88 Chlorodibromomethane	129	7.105	7.105	0.000	98	42442	20.0	16.7	
89 n-Butyl acetate	43	7.209	7.203	0.006	98	34371	20.0	19.6	
90 Ethylene Dibromide	107	7.233	7.233	0.000	100	35032	20.0	17.7	
* 91 Chlorobenzene-d5	117	7.921	7.921	0.001	85	336945	50.0	50.0	
92 Chlorobenzene	112	7.963	7.963	0.000	95	148710	20.0	18.5	
93 1,1,1,2-Tetrachloroethane	131	8.103	8.103	0.000	95	45467	20.0	16.7	
94 Ethylbenzene	106	8.164	8.164	0.000	98	90172	20.0	19.0	
95 m-Xylene & p-Xylene	106	8.353	8.352	0.001	96	103699	20.0	18.6	
96 o-Xylene	106	8.943	8.943	0.000	94	96486	20.0	18.1	
97 Styrene	104	8.973	8.973	0.000	96	163336	20.0	18.2	
98 n-Butyl acrylate	73	9.022	9.022	0.000	97	23579	20.0	16.7	
99 Bromoform	173	9.204	9.204	0.000	98	24455	20.0	14.5	
100 Amyl acetate (mixed isomer	43	9.411	9.411	0.000	92	42899	20.0	17.3	
101 Isopropylbenzene	105	9.557	9.557	0.000	95	284143	20.0	19.6	
$ 102 4-Bromofluorobenzene	174	9.758	9.758	0.000	97	159808	50.0	51.8	
103 Camphene	41	9.922	9.916	0.006	94	24137	20.0	22.9	
104 Bromobenzene	156	9.953	9.952	0.001	95	65024	20.0	17.9	
105 1,1,2,2-Tetrachloroethane	83	10.056	10.056	0.000	98	38282	20.0	18.3	
106 1,2,3-Trichloropropane	110	10.086	10.080	0.006	96	11566	20.0	17.8	
107 trans-1,4-Dichloro-2-buten	53	10.159	10.153	0.006	91	9927	20.0	18.1	
108 N-Propylbenzene	91	10.226	10.226	0.000	99	332286	20.0	19.9	
109 2-Chlorotoluene	91	10.299	10.299	0.000	97	175122	20.0	18.7	
110 4-Ethyltoluene	105	10.421	10.421	0.000	99	262620	20.0	18.5	
111 4-Chlorotoluene	91	10.488	10.488	0.000	97	183029	20.0	18.7	
112 1,3,5-Trimethylbenzene	105	10.543	10.543	0.000	93	195333	20.0	17.6	
113 Butyl Methacrylate	87	10.816	10.816	0.000	88	41264	20.0	15.7	
114 tert-Butylbenzene	119	11.060	11.060	0.000	95	207874	20.0	19.0	
115 1,2,4-Trimethylbenzene	105	11.139	11.139	0.000	97	201294	20.0	17.6	
116 sec-Butylbenzene	105	11.400	11.406	-0.006	99	316529	20.0	19.8	
117 1,3-Dichlorobenzene	146	11.492	11.492	0.000	97	123224	20.0	17.5	
* 118 1,4-Dichlorobenzene-d4	152	11.589	11.589	0.000	95	187695	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.619	11.619	0.000	96	119748	20.0	17.1	
120 4-Isopropyltoluene	119	11.632	11.631	0.001	98	252013	20.0	18.1	
121 Benzyl chloride	91	11.826	11.820	0.006	99	79294	20.0	16.1	
122 2,3-Dihydroindene	117	11.948	11.948	0.000	94	205591	20.0	18.5	
123 1,2-Dichlorobenzene	146	12.076	12.076	0.000	97	111184	20.0	17.9	
124 p-Diethylbenzene	119	12.124	12.124	0.000	94	149457	20.0	18.0	
125 n-Butylbenzene	91	12.149	12.149	0.000	97	283918	20.0	19.2	
126 1,2-Dibromo-3-Chloropropan	157	12.934	12.933	0.001	93	9219	20.0	16.0	
127 1,2,4,5-Tetramethylbenzene	119	12.952	12.952	0.000	97	233758	20.0	20.0	
133 1,3,5-Trichlorobenzene	180	13.146	13.140	0.006	98	109711	20.0	17.8	
129 Camphor	95	13.603	13.603	0.000	90	21749	100.0	109.7	
128 1,2,4-Trichlorobenzene	180	13.694	13.694	0.000	94	95275	20.0	17.5	
131 Hexachlorobutadiene	225	13.870	13.870	0.000	97	69163	20.0	17.9	
132 Naphthalene	128	13.889	13.888	0.001	99	165995	20.0	22.1	
130 1,2,3-Trichlorobenzene	180	14.095	14.095	0.000	96	85219	20.0	18.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	36.7	
S 136 Total BTEX	1				0		100.0	94.0	

Reagents:

ACROLEIN W_00037	Amount Added:	3.00	Units: uL		
8260MIX1COMB_00022	Amount Added:	2.00	Units: uL		
GASES Li_00103	Amount Added:	2.00	Units: uL		
8260SURR250_00074	Amount Added:	1.00	Units: uL	Run Reagent	
8260ISNEW_00016	Amount Added:	1.00	Units: uL	Run Reagent	

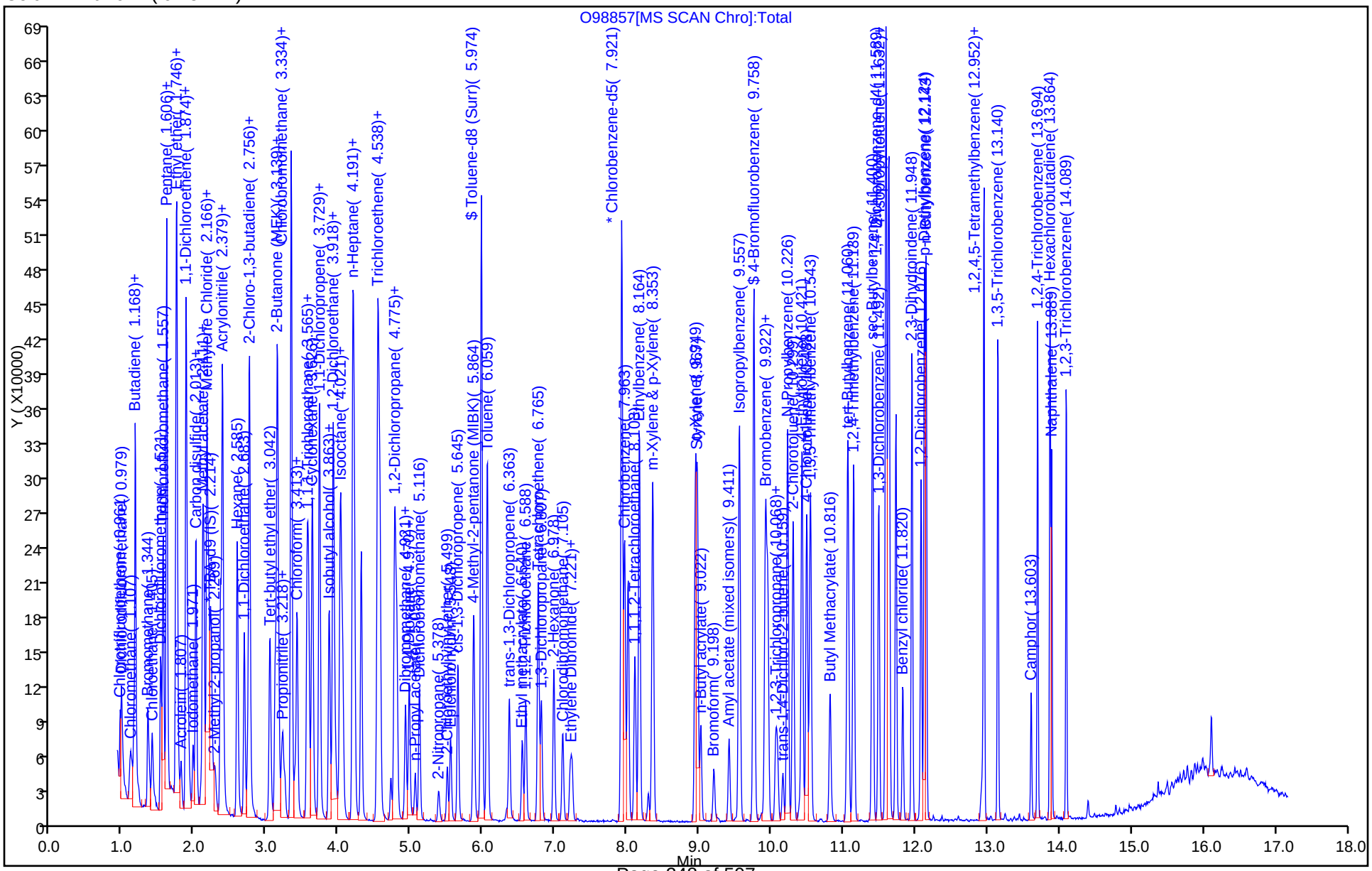
Report Date: 27-May-2015 13:21:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CVOAMS12\20150526-27822.b\O98857.D

Injection Date:	27-May-2015 08:14:30	Instrument ID:	CVOAMS12	Operator ID:	VOA GC/MS12
Lims ID:	LCSD			Worklist Smp#:	27
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_12	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/22/2015 05:27

Analysis Batch Number: 300261 End Date: 05/22/2015 14:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300261/1		05/22/2015 05:27	1	O98723.D	Rtx-624 0.25(mm)
STD1 460-300261/3 IC		05/22/2015 06:22	1	O98725.D	Rtx-624 0.25(mm)
STD20 460-300261/5 ICIS		05/22/2015 07:12	1	O98727.D	Rtx-624 0.25(mm)
STD50 460-300261/6 IC		05/22/2015 07:38	1	O98728.D	Rtx-624 0.25(mm)
STD200 460-300261/7 IC		05/22/2015 08:03	1	O98729.D	Rtx-624 0.25(mm)
STD500 460-300261/8 IC		05/22/2015 08:29	1	O98730.D	Rtx-624 0.25(mm)
STD5 460-300261/13 IC		05/22/2015 11:50	1	O98735.D	Rtx-624 0.25(mm)
ICV 460-300261/14		05/22/2015 12:16	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 12:49	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 13:40	1		Rtx-624 0.25(mm)
ZZZZZ		05/22/2015 14:31	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 05/26/2015 20:52

Analysis Batch Number: 300938 End Date: 05/27/2015 08:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300938/1		05/26/2015 20:52	1	O98831.D	Rtx-624 0.25(mm)
CCVIS 460-300938/3		05/26/2015 21:45	1	O98833.D	Rtx-624 0.25(mm)
LCS 460-300938/5		05/26/2015 22:49	1	O98835.D	Rtx-624 0.25(mm)
MB 460-300938/7		05/26/2015 23:41	1	O98837.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 00:07	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 00:37	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:03	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:28	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 02:19	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 02:45	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 03:10	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 03:35	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:01	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:51	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 05:17	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 05:42	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 06:08	1		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 06:33	1		Rtx-624 0.25(mm)
LB3 460-300184/1-A		05/27/2015 06:58	1	O98854.D	Rtx-624 0.25(mm)
460-95247-1	SB-2 (14-15)	05/27/2015 07:24	1	O98855.D	Rtx-624 0.25(mm)
LCSD 460-300938/27		05/27/2015 08:14	1	O98857.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/15/2015 01:08

Analysis Batch Number: 298733 End Date: 05/15/2015 08:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-298733/1		05/15/2015 01:08	1	B82657.D	Rtx-624 0.25(mm)
STD5 460-298733/4 IC		05/15/2015 02:28	1	B82660.D	Rtx-624 0.25(mm)
STD20 460-298733/5 ICIS		05/15/2015 02:52	1	B82661.D	Rtx-624 0.25(mm)
STD50 460-298733/6 IC		05/15/2015 03:15	1	B82662.D	Rtx-624 0.25(mm)
STD200 460-298733/7 IC		05/15/2015 03:39	1	B82663.D	Rtx-624 0.25(mm)
STD500 460-298733/8 IC		05/15/2015 04:03	1	B82664.D	Rtx-624 0.25(mm)
STD7 460-298733/11 IC		05/15/2015 05:15	1	B82667.D	Rtx-624 0.25(mm)
STD1 460-298733/16 IC		05/15/2015 07:25	1	B82672.D	Rtx-624 0.25(mm)
ICV 460-298733/18		05/15/2015 08:26	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/26/2015 21:51

Analysis Batch Number: 300935 End Date: 05/27/2015 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-300935/1		05/26/2015 21:51	1	B83045.D	Rtx-624 0.25(mm)
CCVIS 460-300935/3		05/26/2015 22:54	1	B83047.D	Rtx-624 0.25(mm)
LCS 460-300935/4		05/26/2015 23:18	50	B83048.D	Rtx-624 0.25(mm)
LCSD 460-300935/5		05/26/2015 23:45	50	B83049.D	Rtx-624 0.25(mm)
MB 460-300935/8		05/27/2015 00:58	50	B83052.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:26	50		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 01:51	50		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 02:39	50		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:17	50		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 04:41	50		Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 05:30	50		Rtx-624 0.25(mm)
460-95247-2	SB-7 (6-8)	05/27/2015 07:31	500	B83068.D	Rtx-624 0.25(mm)
ZZZZZ		05/27/2015 08:19	50		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Batch Number: 300183 Batch Start Date: 05/21/15 19:17 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 05/21/15 19:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VMC8PrepSU 00104			
460-95247-A-2	SB-7 (6-8)	5035, 8260C	T	5.21 g	10 mL	10 mL			

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Batch Number: 300184 Batch Start Date: 05/21/15 19:26 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 05/21/15 19:38

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-300184/1		5035, 8260C		5 g	5 mL				
460-95247-B-1	SB-2 (14-15)	5035, 8260C	T	5.99 g	5 mL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SB-2 (14-15)	460-95247-1	52	58	62	53	43	75
SB-7 (6-8)	460-95247-2	54	58	70	64	33	52
	MB 460-300363/1-A	82	85	87	76	77	106
	LCS 460-300363/2-A	73	78	76	69	86	86
	460-95030-E-1-A MS	60	61	65	60	66	74
	460-95030-E-1-B MSD	59	60	64	59	66	69

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121858.D

Lab ID: LCS 460-300363/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	3330	2380	72	46-100	
Acenaphthylene	3330	2620	79	51-103	
Anthracene	3330	2790	84	50-107	
Benzo[a]anthracene	3330	2650	80	46-112	
Benzo[a]pyrene	3330	2950	88	36-89	
Benzo[b]fluoranthene	3330	2990	90	33-96	
Benzo[g,h,i]perylene	3330	2670	80	43-106	
Benzo[k]fluoranthene	3330	2810	84	35-115	
Chrysene	3330	2570	77	45-114	
Dibenz(a,h)anthracene	3330	2950	89	43-107	
Fluoranthene	3330	2810	84	49-108	
Fluorene	3330	2830	85	51-108	
Indeno[1,2,3-cd]pyrene	3330	2660	80	43-109	
Naphthalene	3330	2610	79	53-94	
Phenanthrene	3330	2790	84	48-108	
Pyrene	3330	3070	92	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121833.D

Lab ID: 460-95030-E-1-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	4490	440 U	2790	62	46-100	
Acenaphthylene	4490	440 U	3010	67	51-103	
Anthracene	4490	440 U	3230	72	50-107	
Benzo[a]anthracene	4490	100	3240	70	46-112	
Benzo[a]pyrene	4490	51	3440	76	36-89	
Benzo[b]fluoranthene	4490	120	3530	76	33-96	
Benzo[g,h,i]perylene	4490	49 J	3460	76	43-106	
Benzo[k]fluoranthene	4490	49	3130	69	35-115	
Chrysene	4490	100 J	3130	67	45-114	
Dibenz(a,h)anthracene	4490	44 U	3650	81	43-107	
Fluoranthene	4490	150 J	3240	69	49-108	
Fluorene	4490	24 J	3150	70	51-108	
Indeno[1,2,3-cd]pyrene	4490	70	3410	74	43-109	
Naphthalene	4490	1100	3280	49	53-94	*
Phenanthrene	4490	110 J	3320	72	48-108	
Pyrene	4490	210 J	3680	77	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L121834.D

Lab ID: 460-95030-E-1-B MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	4490	2750	61	1	30	46-100	
Acenaphthylene	4490	2970	66	1	30	51-103	
Anthracene	4490	3230	72	0	30	50-107	
Benzo[a]anthracene	4490	3210	69	1	30	46-112	
Benzo[a]pyrene	4490	3420	75	1	30	36-89	
Benzo[b]fluoranthene	4490	3490	75	1	30	33-96	
Benzo[g,h,i]perylene	4490	3250	71	6	30	43-106	
Benzo[k]fluoranthene	4490	3180	70	2	30	35-115	
Chrysene	4490	3120	67	1	30	45-114	
Dibenz(a,h)anthracene	4490	3500	78	4	30	43-107	
Fluoranthene	4490	3300	70	2	30	49-108	
Fluorene	4490	3120	69	1	30	51-108	
Indeno[1,2,3-cd]pyrene	4490	3250	71	5	30	43-109	
Naphthalene	4490	3240	48	1	30	53-94	*
Phenanthrene	4490	3270	70	2	30	48-108	
Pyrene	4490	3450	72	6	30	49-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: L121829.D Lab Sample ID: MB 460-300363/1-A

Matrix: Solid Date Extracted: 05/22/2015 10:10

Instrument ID: CBNAMS12 Date Analyzed: 05/24/2015 11:47

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	460-95030-E-1-A MS	L121833.D	05/24/2015 13:27
	460-95030-E-1-B MSD	L121834.D	05/24/2015 13:52
	LCS 460-300363/2-A	L121858.D	05/26/2015 09:33
SB-2 (14-15)	460-95247-1	z1487.D	05/27/2015 22:17
SB-7 (6-8)	460-95247-2	L121966.D	05/29/2015 09:22

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: z1430.D DFTPP Injection Date: 05/26/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 12:29

Analysis Batch No.: 300883

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.9	
68	Less than 2.0 % of mass 69	0.5	(1.2)1
69	Mass 69 relative abundance	38.8	
70	Less than 2.0 % of mass 69	0.3	(0.8)1
127	40.0 - 60.0 % of mass 198	44.6	
197	Less than 1.0 % of mass 198	0.3	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	23.1	
365	Greater than 1.0 % of mass 198	1.8	
441	Present but less than mass 443	10.3	(76.0)3
442	Greater than 40.0 % of mass 198	67.0	
443	17.0 - 23.0 % of mass 442	13.6	(20.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-300883/2	z1431.D	05/26/2015	12:46
	STD120 460-300883/3	z1432.D	05/26/2015	13:35
	STD80 460-300883/4	z1433.D	05/26/2015	13:59
	STD20 460-300883/5	z1434.D	05/26/2015	14:22
	STD10 460-300883/6	z1435.D	05/26/2015	14:47
	STD5 460-300883/7	z1436.D	05/26/2015	15:11
	STD2 460-300883/8	z1437.D	05/26/2015	15:35
	STD1 460-300883/9	z1438.D	05/26/2015	15:59
	STD05 460-300883/10	z1439.D	05/26/2015	16:23

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: z1481.D DFTPP Injection Date: 05/27/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 20:02

Analysis Batch No.: 301230

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	59.5	
68	Less than 2.0 % of mass 69	0.6	(1.7)1
69	Mass 69 relative abundance	37.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	43.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.2	
275	10.0 - 30.0 % of mass 198	20.0	
365	Greater than 1.0 % of mass 198	2.2	
441	Present but less than mass 443	8.1	(74.6)3
442	Greater than 40.0 % of mass 198	54.0	
443	17.0 - 23.0 % of mass 442	10.8	(20.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-301230/2	z1482.D	05/27/2015	20:18
SB-2 (14-15)	460-95247-1	z1487.D	05/27/2015	22:17

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: L121570.D DFTPP Injection Date: 05/19/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 04:12

Analysis Batch No.: 299376

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	46.6	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	44.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	52.8	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	28.1	
365	Greater than 1.0 % of mass 198	4.1	
441	Present but less than mass 443	18.9	(79.8)3
442	Greater than 40.0 % of mass 198	124.9	
443	17.0 - 23.0 % of mass 442	23.7	(19.0)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-299376/2	L121571.D	05/19/2015	04:30
	STD120 460-299376/3	L121572.D	05/19/2015	05:17
	STD80 460-299376/4	L121573.D	05/19/2015	05:42
	STD20 460-299376/5	L121574.D	05/19/2015	06:07
	STD10 460-299376/6	L121575.D	05/19/2015	06:32
	STD5 460-299376/7	L121576.D	05/19/2015	06:57
	STD2 460-299376/8	L121577.D	05/19/2015	07:21
	STD1 460-299376/9	L121578.D	05/19/2015	07:46
	STD05 460-299376/10	L121579.D	05/19/2015	08:11

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: L121822.D DFTPP Injection Date: 05/24/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 08:57

Analysis Batch No.: 300661

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.5	
68	Less than 2.0 % of mass 69	0.4	(0.8)1
69	Mass 69 relative abundance	45.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.6	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	28.5	
365	Greater than 1.0 % of mass 198	4.6	
441	Present but less than mass 443	19.1	(80.5)3
442	Greater than 40.0 % of mass 198	121.4	
443	17.0 - 23.0 % of mass 442	23.7	(19.6)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300661/2	L121823.D	05/24/2015	09:15
	MB 460-300363/1-A	L121829.D	05/24/2015	11:47
	460-95030-E-1-A MS	L121833.D	05/24/2015	13:27
	460-95030-E-1-B MSD	L121834.D	05/24/2015	13:52

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: L121853.D DFTPP Injection Date: 05/26/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 07:08

Analysis Batch No.: 300737

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	43.6	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	41.1	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	49.5	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	29.5	
365	Greater than 1.0 % of mass 198	4.7	
441	Present but less than mass 443	20.9	(75.3)3
442	Greater than 40.0 % of mass 198	144.3	
443	17.0 - 23.0 % of mass 442	27.7	(19.2)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-300737/2	L121854.D	05/26/2015	07:53
	LCS 460-300363/2-A	L121858.D	05/26/2015	09:33

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab File ID: L121951.D DFTPP Injection Date: 05/29/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 02:32

Analysis Batch No.: 301565

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	56.2	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	46.0	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	51.7	
197	Less than 1.0 % of mass 198	0.9	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	23.7	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	12.7	(78.2)3
442	Greater than 40.0 % of mass 198	84.6	
443	17.0 - 23.0 % of mass 442	16.2	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-301565/2	L121952.D	05/29/2015	03:24
SB-7 (6-8)	460-95247-2	L121966.D	05/29/2015	09:22

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-301230/2 Date Analyzed: 05/27/2015 20:18

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z1482.D Heated Purge: (Y/N) N

Calibration ID: 50111

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		247963	4.29	793264	5.58	292699	7.34
UPPER LIMIT		495926	4.79	1586528	6.08	585398	7.84
LOWER LIMIT		123982	3.79	396632	5.08	146350	6.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95247-1	SB-2 (14-15)	295302	4.30	1026939	5.57	486202	7.33

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-301230/2 Date Analyzed: 05/27/2015 20:18

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z1482.D Heated Purge: (Y/N) N

Calibration ID: 50111

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		420035	8.80	205765	11.56	155891	13.46
UPPER LIMIT		840070	9.30	411530	12.06	311782	13.96
LOWER LIMIT		210018	8.30	102883	11.06	77946	12.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95247-1	SB-2 (14-15)	702999	8.79	342427	11.55	212785	13.46

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300661/2 Date Analyzed: 05/24/2015 09:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121823.D Heated Purge: (Y/N) N

Calibration ID: 49990

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		328086	4.31	1133378	5.59	522169	7.35
UPPER LIMIT		656172	4.81	2266756	6.09	1044338	7.85
LOWER LIMIT		164043	3.81	566689	5.09	261085	6.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300363/1-A		415049	4.31	1428647	5.59	685551	7.35
460-95030-E-1-A MS		379231	4.31	1260861	5.59	596661	7.35
460-95030-E-1-B MSD		366481	4.31	1210286	5.59	587746	7.35

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300661/2 Date Analyzed: 05/24/2015 09:15

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121823.D Heated Purge: (Y/N) N

Calibration ID: 49990

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		899330	8.81	941062	11.57	1179549	13.48
UPPER LIMIT		1798660	9.31	1882124	12.07	2359098	13.98
LOWER LIMIT		449665	8.31	470531	11.07	589775	12.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-300363/1-A		923769	8.81	650691	11.56	676413	13.47
460-95030-E-1-A MS		827663	8.81	697866	11.56	982049	13.48
460-95030-E-1-B MSD		824556	8.81	757763	11.56	1077282	13.48

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300737/2 Date Analyzed: 05/26/2015 07:53

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121854.D Heated Purge: (Y/N) N

Calibration ID: 49990

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		475317	4.28	1684880	5.57	796865	7.33
UPPER LIMIT		950634	4.78	3369760	6.07	1593730	7.83
LOWER LIMIT		237659	3.78	842440	5.07	398433	6.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300363/2-A		397661	4.28	1424975	5.57	766104	7.32

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-300737/2 Date Analyzed: 05/26/2015 07:53

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121854.D Heated Purge: (Y/N) N

Calibration ID: 49990

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1337438	8.79	1223245	11.54	1517914	13.45
UPPER LIMIT		2674876	9.29	2446490	12.04	3035828	13.95
LOWER LIMIT		668719	8.29	611623	11.04	758957	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-300363/2-A		1170872	8.79	1036960	11.54	1217930	13.45

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-301565/2 Date Analyzed: 05/29/2015 03:24

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121952.D Heated Purge: (Y/N) N

Calibration ID: 49990

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		345051	4.21	1176000	5.49	539715	7.25
UPPER LIMIT		690102	4.71	2352000	5.99	1079430	7.75
LOWER LIMIT		172526	3.71	588000	4.99	269858	6.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95247-2	SB-7 (6-8)	447398	4.21	1401984	5.49	598189	7.24

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Sample No.: CCVIS 460-301565/2 Date Analyzed: 05/29/2015 03:24

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L121952.D Heated Purge: (Y/N) N

Calibration ID: 49990

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1001550	8.71	1233785	11.45	1577178	13.33
UPPER LIMIT		2003100	9.21	2467570	11.95	3154356	13.83
LOWER LIMIT		500775	8.21	616893	10.95	788589	12.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-95247-2	SB-7 (6-8)	841714	8.71	1464307	11.44	934306	13.32

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

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

Column used to flag values outside QC limits

FORM VIII 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: SB-2 (14-15) | Lab Sample ID: 460-95247-1

Matrix: Solid | Lab File ID: z1487.D

Analysis Method: 8270D | Date Collected: 05/20/2015 16:00

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 15.0002(g) | Date Analyzed: 05/27/2015 22:17

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 301230 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	390	U	390	9.4
208-96-8	Acenaphthylene	390	U	390	10
120-12-7	Anthracene	390	U	390	37
56-55-3	Benzo[a]anthracene	39	U	39	32
50-32-8	Benzo[a]pyrene	39	U	39	12
205-99-2	Benzo[b]fluoranthene	16	J	39	15
191-24-2	Benzo[g,h,i]perylene	390	U	390	22
207-08-9	Benzo[k]fluoranthene	39	U	39	17
218-01-9	Chrysene	14	J	390	11
53-70-3	Dibenz(a,h)anthracene	39	U	39	20
206-44-0	Fluoranthene	20	J	390	12
86-73-7	Fluorene	390	U	390	8.5
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	26
91-20-3	Naphthalene	390	U	390	9.9
85-01-8	Phenanthrene	11	J	390	10
129-00-0	Pyrene	390	U	390	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	43		10-120
321-60-8	2-Fluorobiphenyl	53		40-109
367-12-4	2-Fluorophenol (Surr)	52		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	62		38-105
4165-62-2	Phenol-d5 (Surr)	58		41-118
1718-51-0	Terphenyl-d14 (Surr)	75		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D
Lims ID: 460-95247-E-1-A Lab Sample ID: 460-95247-1
Client ID: SB-2 (14-15)
Sample Type: Client
Inject. Date: 27-May-2015 22:17:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-007
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 28-May-2015 01:05:33 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: bayoumiw Date: 28-May-2015 01:05:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.147	3.005	0.142	92	335911	26.2	
$ 6 Phenol-d5	99	3.947	3.935	0.012	86	458208	29.1	
* 14 1,4-Dichlorobenzene-d4	152	4.300	4.288	0.012	98	295302	40.0	
$ 26 Nitrobenzene-d5	82	4.847	4.852	-0.005	95	410431	31.2	
* 38 Naphthalene-d8	136	5.570	5.570	0.000	100	1026939	40.0	
$ 51 2-Fluorobiphenyl	172	6.658	6.664	-0.006	98	626924	26.5	
* 65 Acenaphthene-d10	164	7.329	7.328	0.001	93	486202	40.0	
$ 80 2,4,6-Tribromophenol	330	8.105	8.111	-0.006	91	45000	21.7	
* 87 Phenanthrene-d10	188	8.793	8.793	0.000	99	702999	40.0	
88 Phenanthrene	178	8.811	8.823	-0.012	95	2686	0.1411	
92 Fluoranthene	202	9.987	9.993	-0.006	98	4377	0.2596	
$ 96 Terphenyl-d14	244	10.370	10.375	-0.005	98	397501	37.5	
* 102 Chrysene-d12	240	11.552	11.552	0.000	98	342427	40.0	
103 Chrysene	228	11.581	11.587	-0.006	92	1723	0.1751	
106 Benzo[b]fluoranthene	252	12.934	12.946	-0.012	45	1485	0.2066	
108 Benzo[a]pyrene	252	13.370	13.387	-0.017	52	433	0.0665	
* 109 Perylene-d12	264	13.464	13.463	0.001	96	212785	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

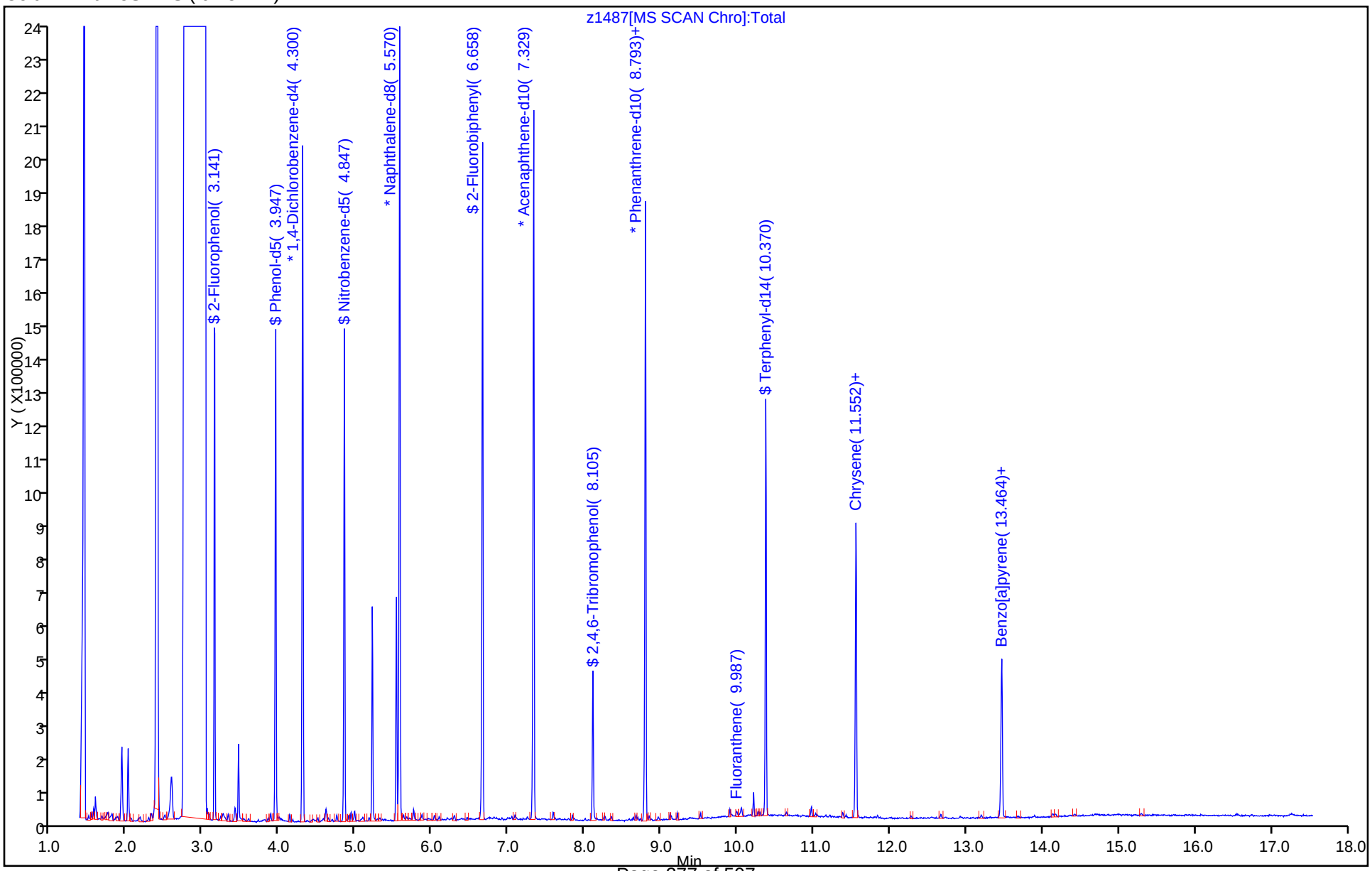
Report Date: 28-May-2015 01:05:33 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D

Injection Date:	27-May-2015 22:17:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-95247-E-1-A	Lab Sample ID:	460-95247-1	Worklist Smp#:	7
Client ID:	SB-2 (14-15)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



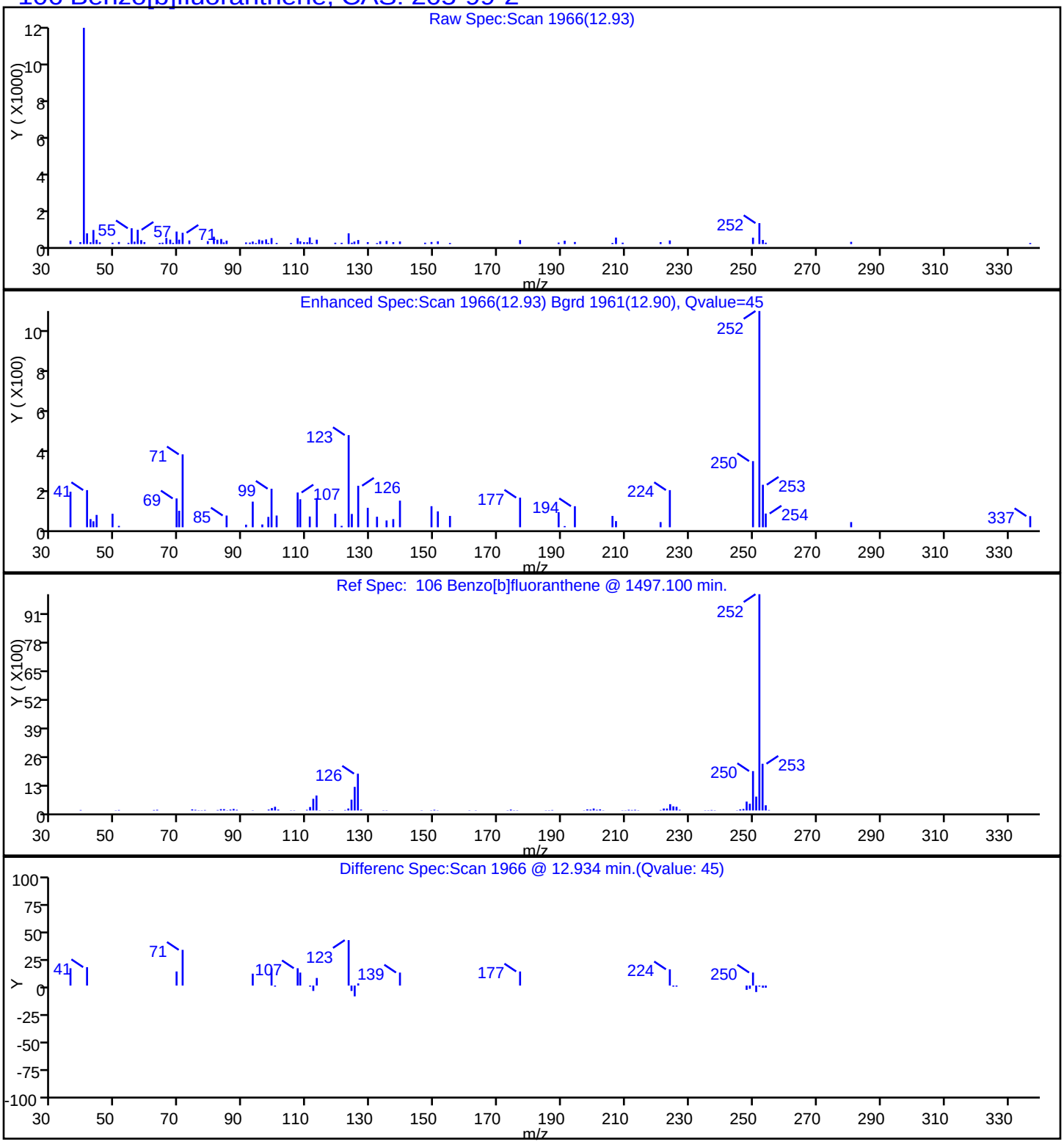
Report Date: 28-May-2015 01:05:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D

Injection Date:	27-May-2015 22:17:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95247-E-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

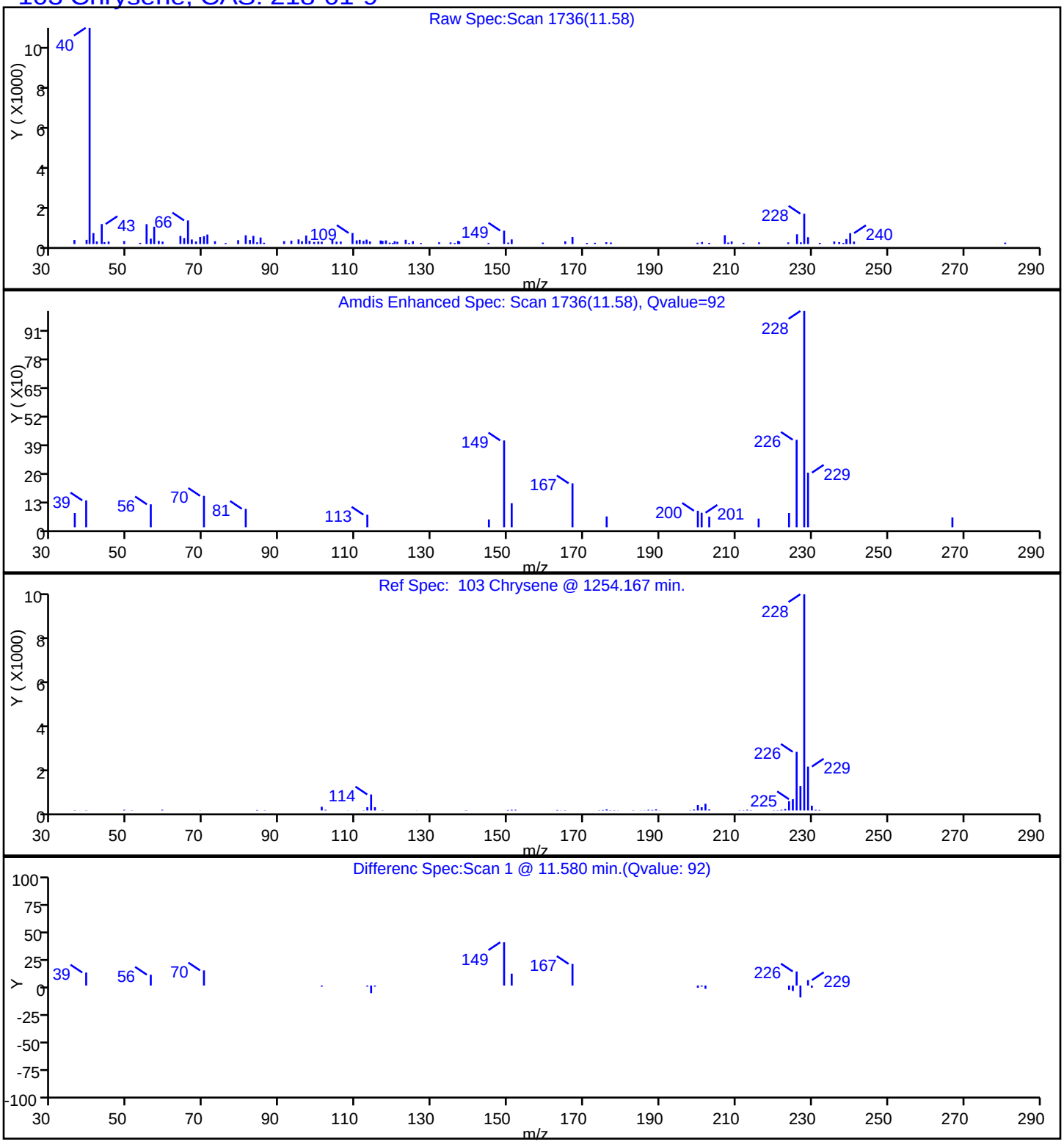


Report Date: 28-May-2015 01:05:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D				
Injection Date:	27-May-2015 22:17:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95247-E-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

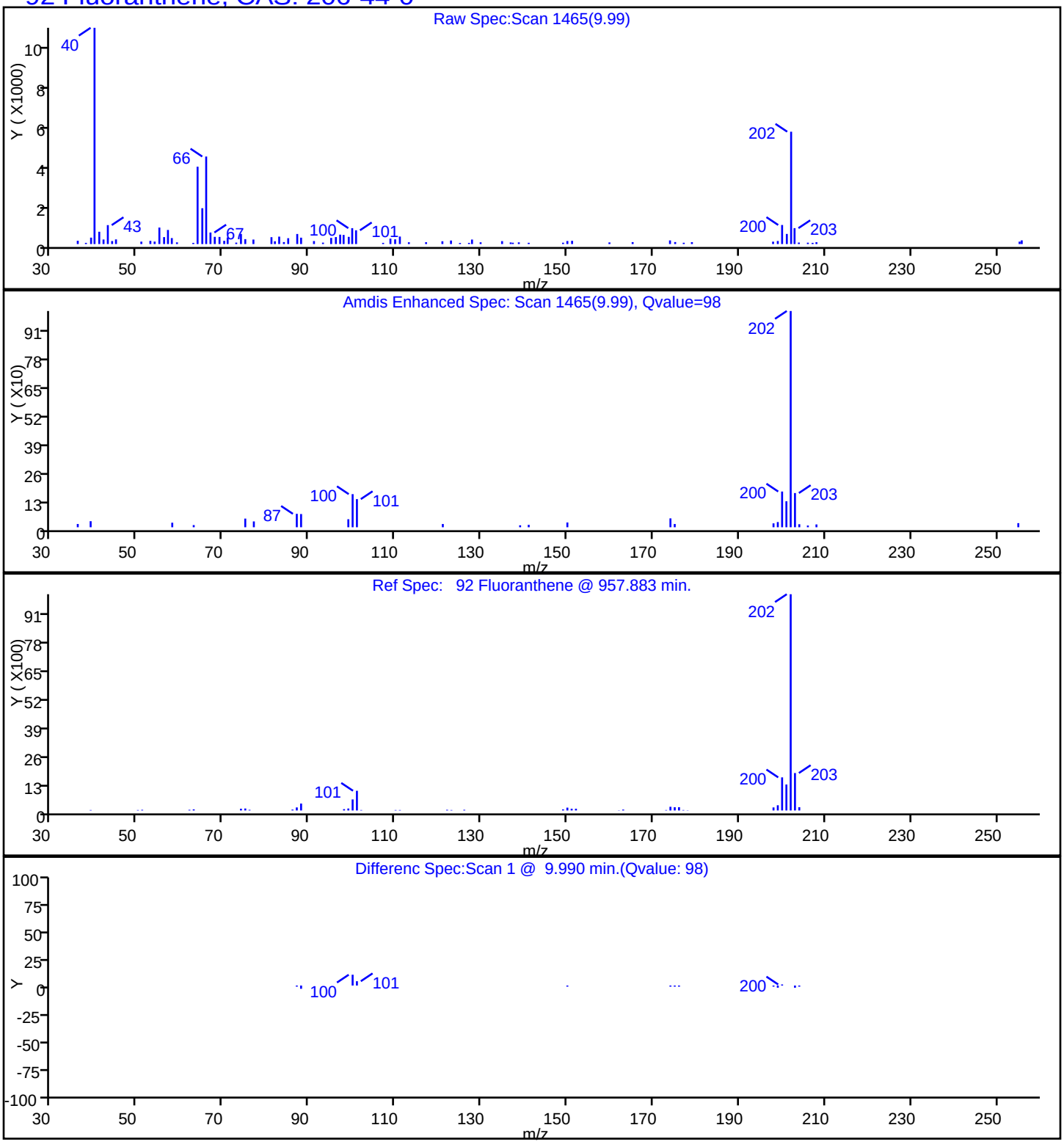


Report Date: 28-May-2015 01:05:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D				
Injection Date:	27-May-2015 22:17:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95247-E-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Fluoranthene, CAS: 206-44-0



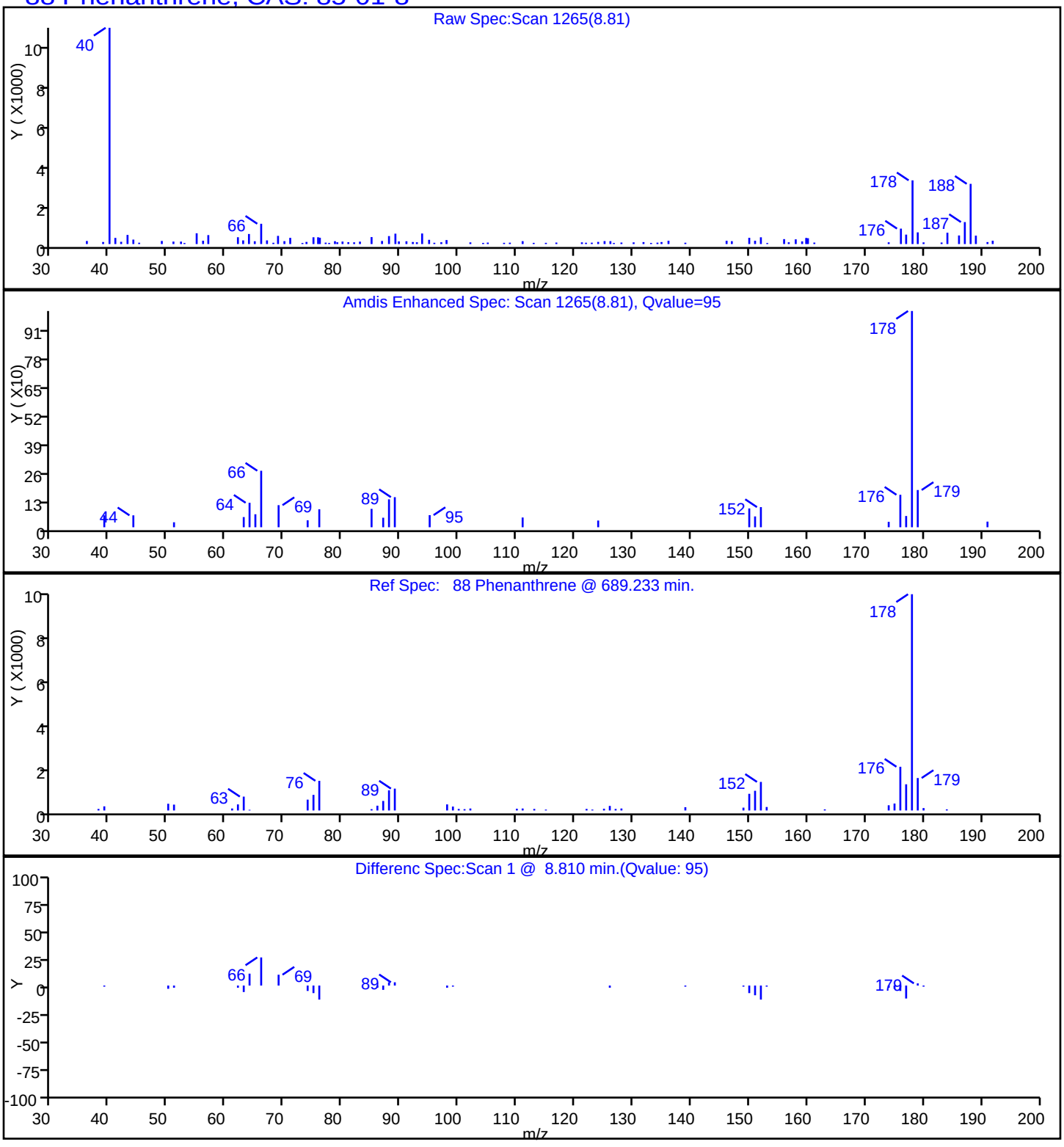
Report Date: 28-May-2015 01:05:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1487.D

Injection Date:	27-May-2015 22:17:30	Instrument ID:	CBNAMS11		
Lims ID:	460-95247-E-1-A	Lab Sample ID:	460-95247-1		
Client ID:	SB-2 (14-15)				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: SB-7 (6-8) | Lab Sample ID: 460-95247-2

Matrix: Solid | Lab File ID: L121966.D

Analysis Method: 8270D | Date Collected: 05/20/2015 17:00

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9754(g) | Date Analyzed: 05/29/2015 09:22

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 301565 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	39	J	410	10
208-96-8	Acenaphthylene	52	J	410	11
120-12-7	Anthracene	67	J	410	39
56-55-3	Benzo[a]anthracene	190		41	34
50-32-8	Benzo[a]pyrene	240		41	12
205-99-2	Benzo[b]fluoranthene	430		41	16
191-24-2	Benzo[g,h,i]perylene	92	J	410	24
207-08-9	Benzo[k]fluoranthene	150		41	18
218-01-9	Chrysene	200	J	410	11
53-70-3	Dibenz(a,h)anthracene	41	U	41	21
206-44-0	Fluoranthene	410		410	12
86-73-7	Fluorene	74	J	410	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	110		41	27
91-20-3	Naphthalene	1800		410	10
85-01-8	Phenanthrene	250	J	410	11
129-00-0	Pyrene	270	J	410	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	33		10-120
321-60-8	2-Fluorobiphenyl	64		40-109
367-12-4	2-Fluorophenol (Surr)	54		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	70		38-105
4165-62-2	Phenol-d5 (Surr)	58		41-118
1718-51-0	Terphenyl-d14 (Surr)	52		16-151

Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D
Lims ID: 460-95247-E-2-A Lab Sample ID: 460-95247-2
Client ID: SB-7 (6-8)
Sample Type: Client
Inject. Date: 29-May-2015 09:22:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027934-016
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 29-May-2015 11:51:33 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: asfawa Date: 29-May-2015 09:46:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.958	2.911	0.047	95	392229	27.2	
$ 6 Phenol-d5	99	3.846	3.841	0.005	86	465463	29.2	
* 13 1,4-Dichlorobenzene-d4	152	4.205	4.199	0.006	97	447398	40.0	
$ 26 Nitrobenzene-d5	82	4.764	4.764	0.000	94	434262	35.2	
* 36 Naphthalene-d8	136	5.488	5.488	0.000	99	1401984	40.0	
37 Naphthalene	128	5.511	5.511	0.000	100	769515	21.5	
$ 50 2-Fluorobiphenyl	172	6.576	6.582	-0.006	98	801591	31.9	
61 Acenaphthylene	152	7.105	7.105	0.000	60	17530	0.6274	
* 63 Acenaphthene-d10	164	7.240	7.246	-0.006	92	598189	40.0	
65 Acenaphthene	154	7.276	7.276	0.000	89	8592	0.4658	
74 Fluorene	166	7.782	7.788	-0.006	95	16512	0.8842	
$ 79 2,4,6-Tribromophenol	330	8.023	8.023	0.000	94	66549	16.5	
* 85 Phenanthrene-d10	188	8.705	8.705	0.000	98	841714	40.0	
86 Phenanthrene	178	8.723	8.729	-0.006	98	67959	2.99	
87 Anthracene	178	8.776	8.782	-0.006	98	18540	0.8088	
90 Fluoranthene	202	9.893	9.899	-0.006	98	106580	4.88	
92 Pyrene	202	10.111	10.117	-0.006	97	130133	3.21	
$ 94 Terphenyl-d14	244	10.275	10.276	-0.001	99	875007	26.2	
99 Benzo[a]anthracene	228	11.422	11.428	-0.006	98	90714	2.24	
* 100 Chrysene-d12	240	11.440	11.434	0.006	99	1464307	40.0	
101 Chrysene	228	11.464	11.476	-0.012	99	98992	2.45	
104 Benzo[b]fluoranthene	252	12.805	12.817	-0.012	98	108363	5.11	
105 Benzo[k]fluoranthene	252	12.834	12.852	-0.018	98	43077	1.75	
106 Benzo[a]pyrene	252	13.240	13.252	-0.012	97	65481	2.91	
* 107 Perylene-d12	264	13.322	13.322	0.000	97	934306	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.746	14.769	-0.023	99	36762	1.36	
109 Dibenz(a,h)anthracene	278	14.775	14.799	-0.024	94	6441	0.2195	
110 Benzo[g,h,i]perylene	276	15.093	15.116	-0.023	96	36897	1.11	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

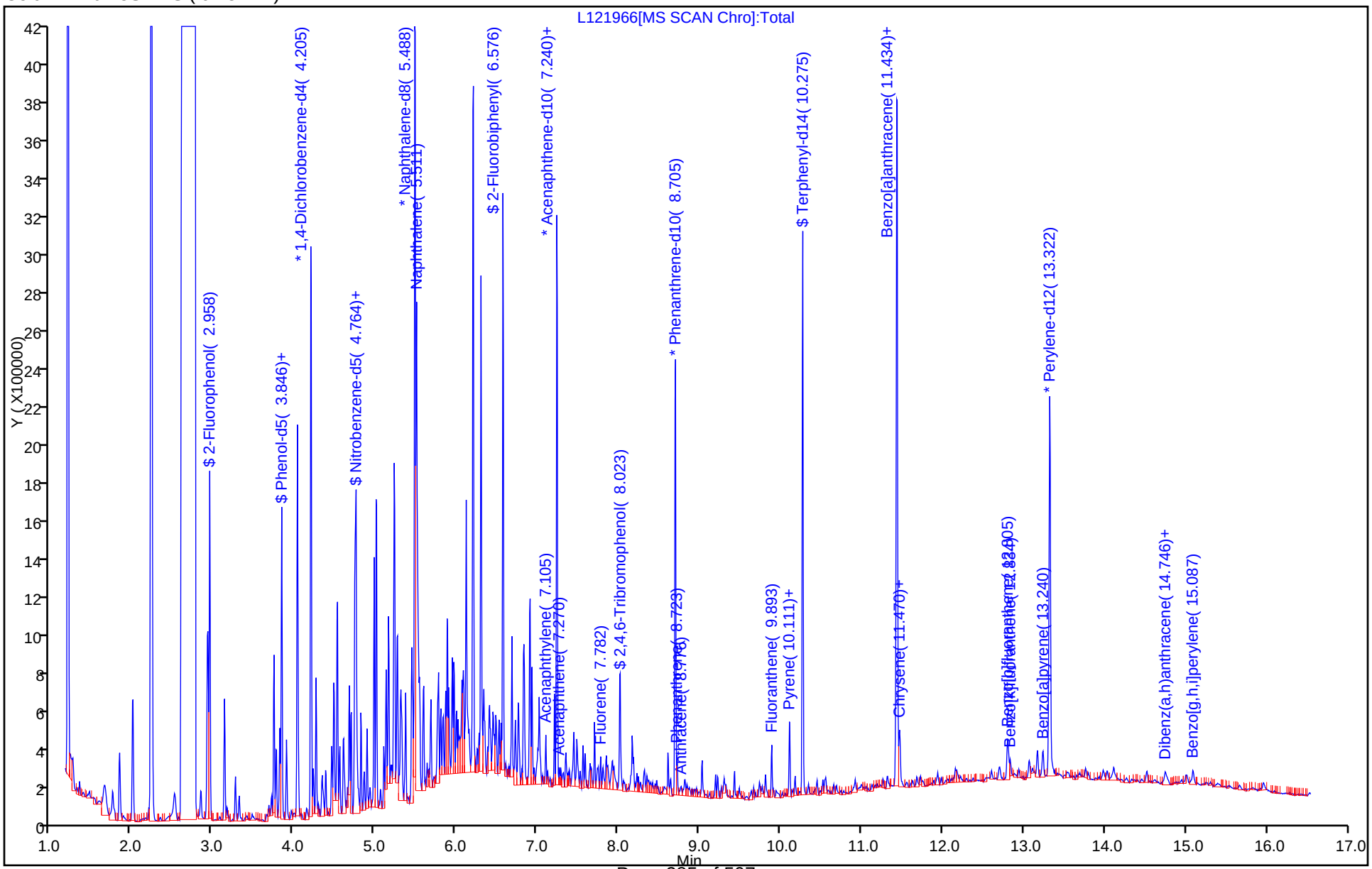
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2	Worklist Smp#:	16
Client ID:	SB-7 (6-8)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



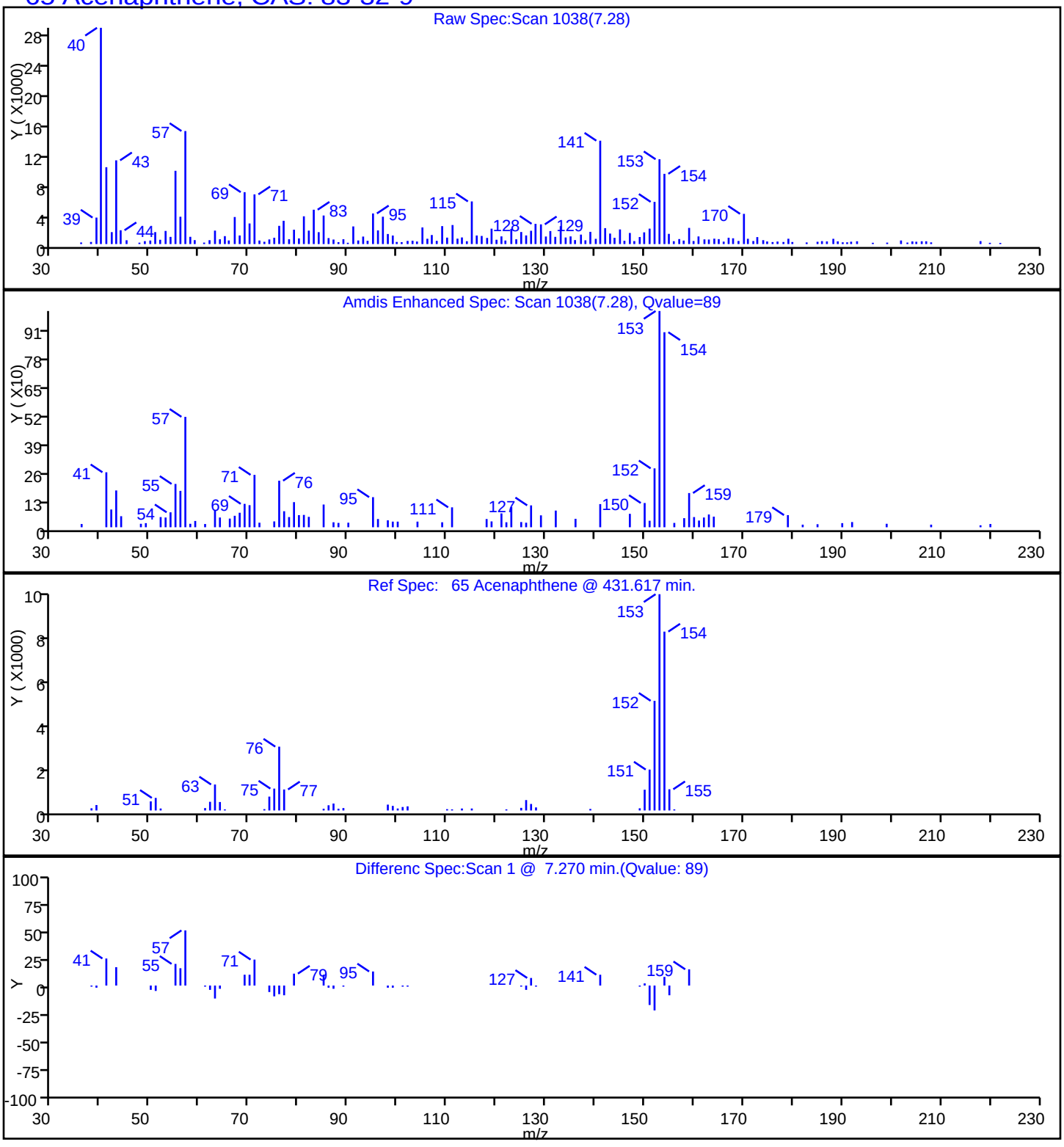
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

65 Acenaphthene, CAS: 83-32-9



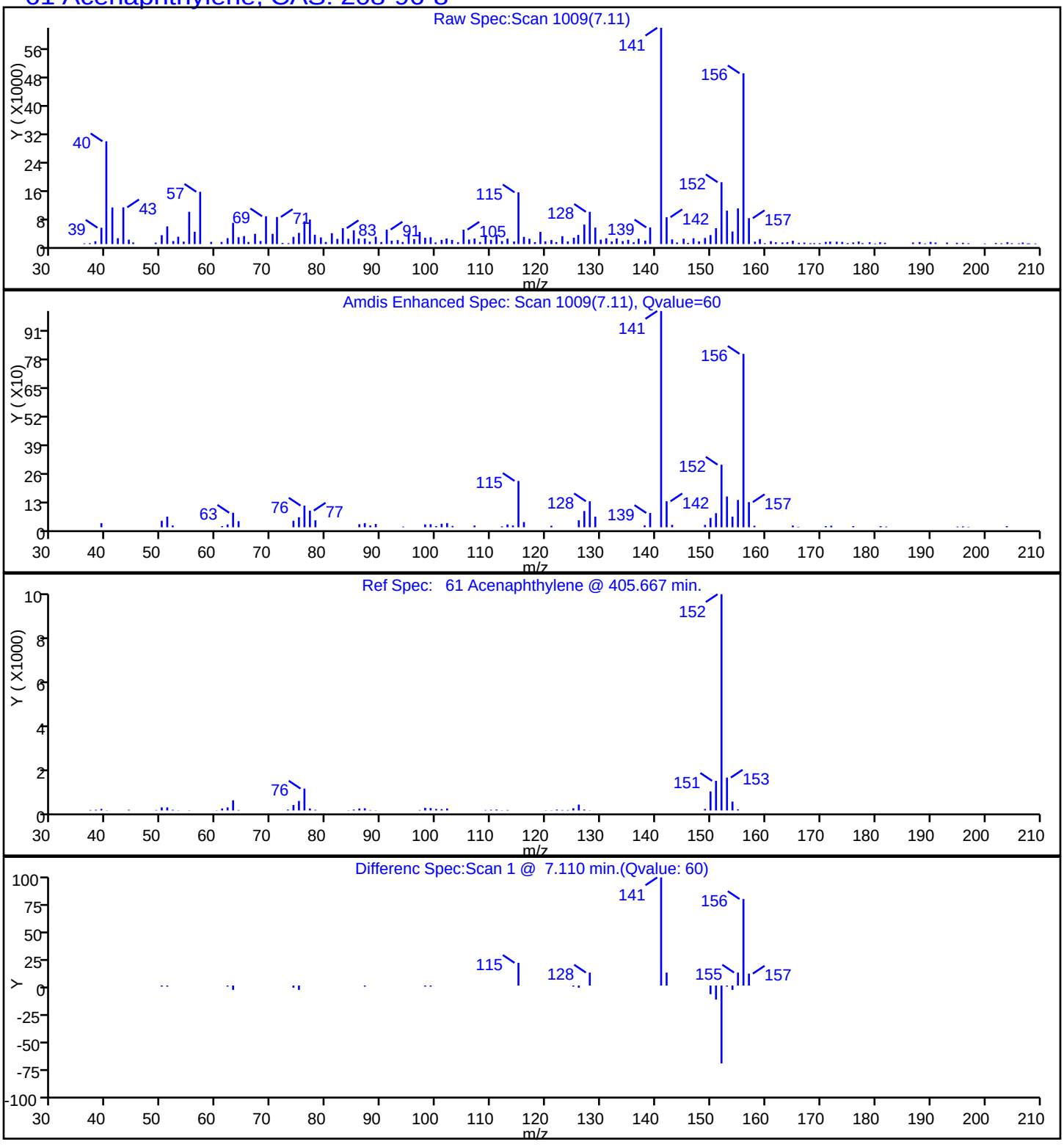
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

61 Acenaphthylene, CAS: 208-96-8



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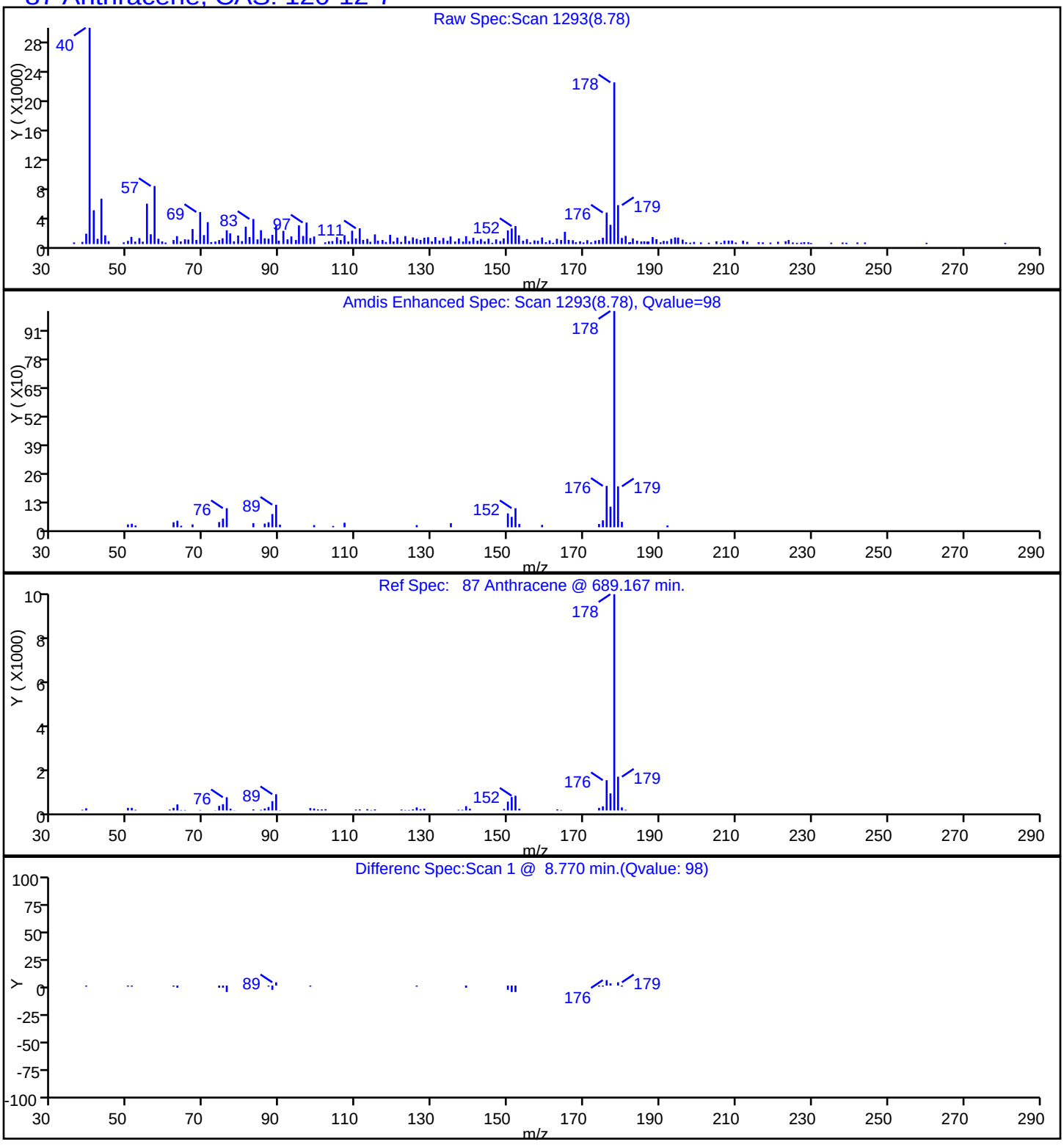
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Anthracene, CAS: 120-12-7



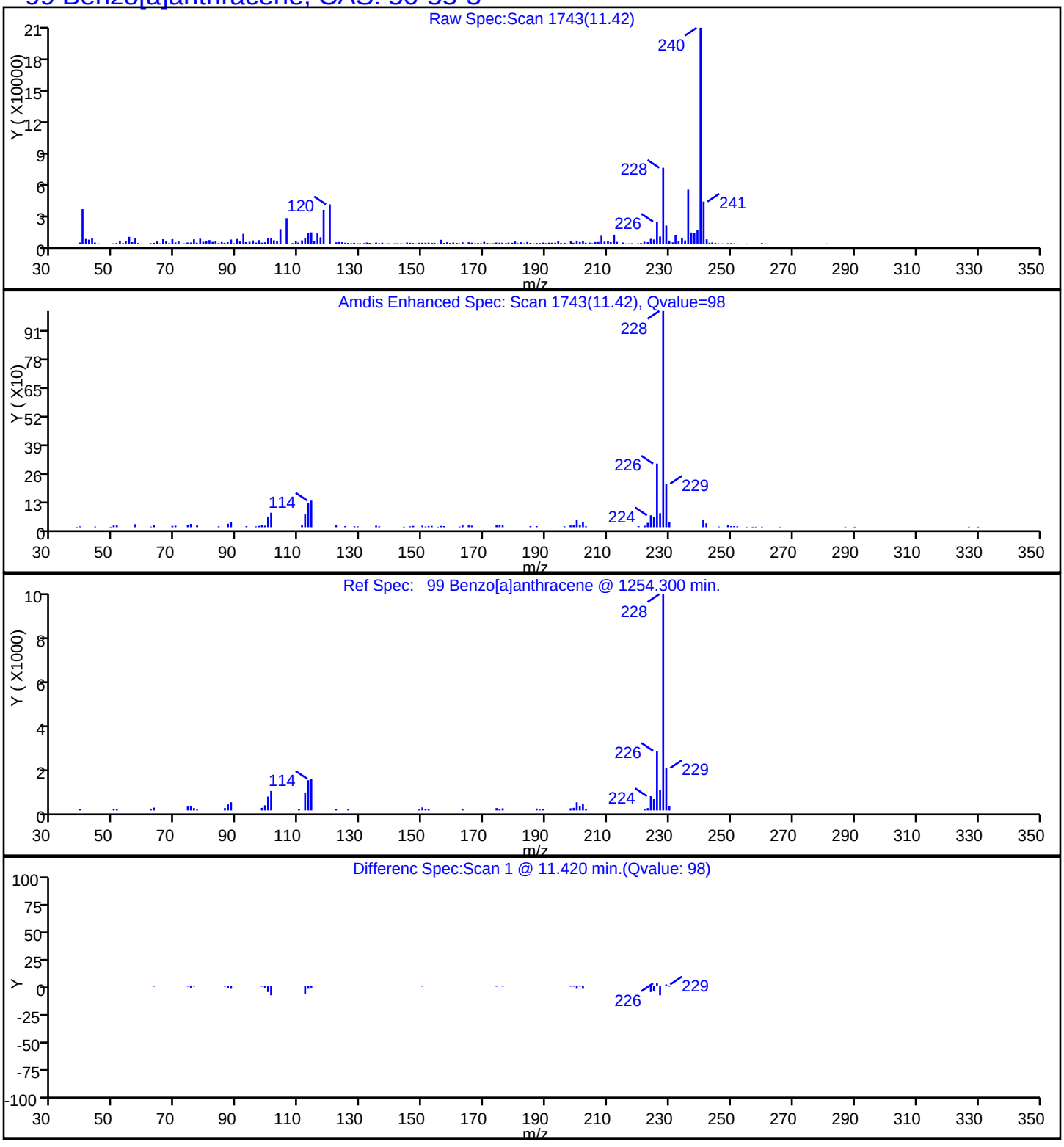
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

99 Benzo[a]anthracene, CAS: 56-55-3



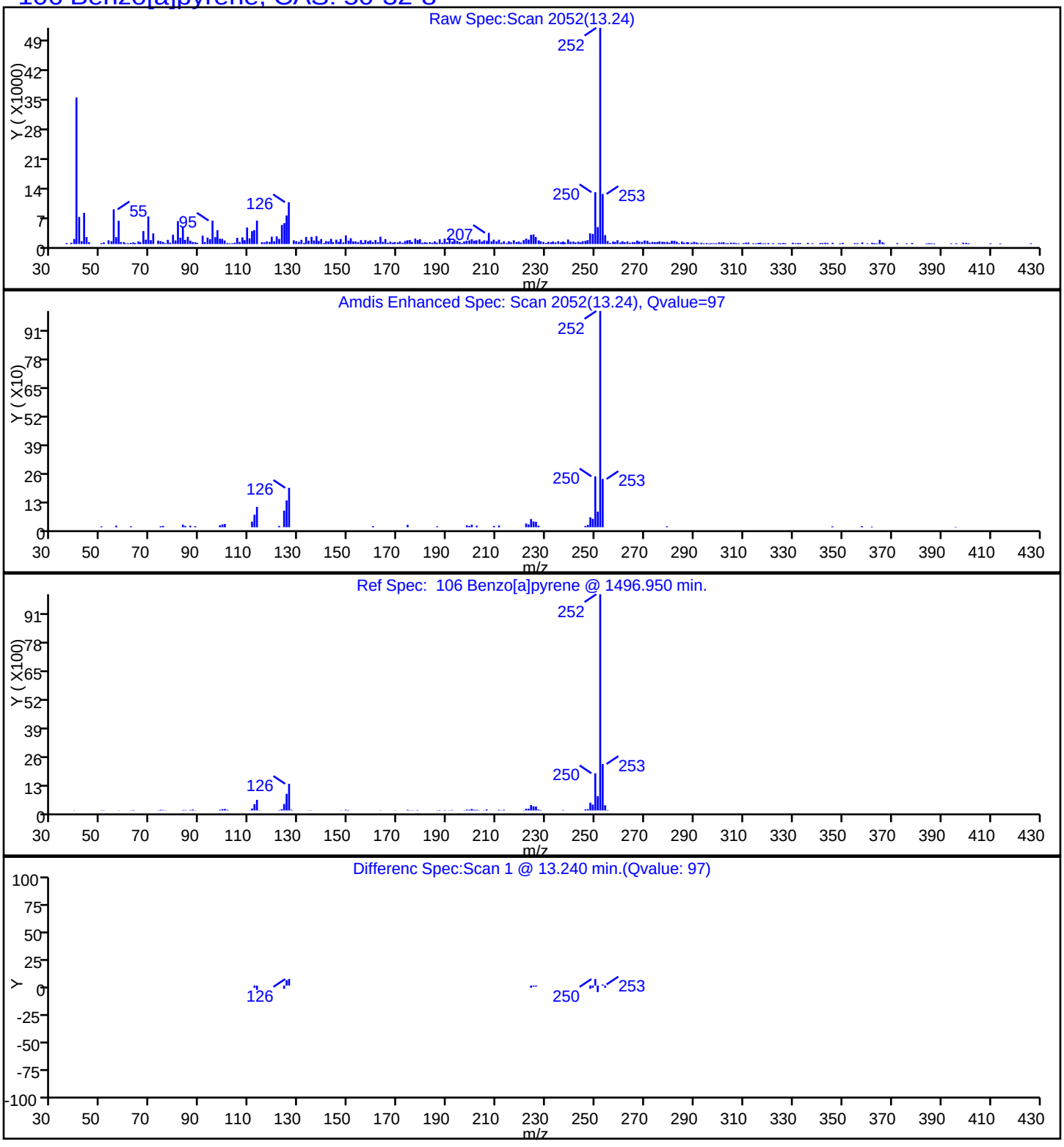
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8



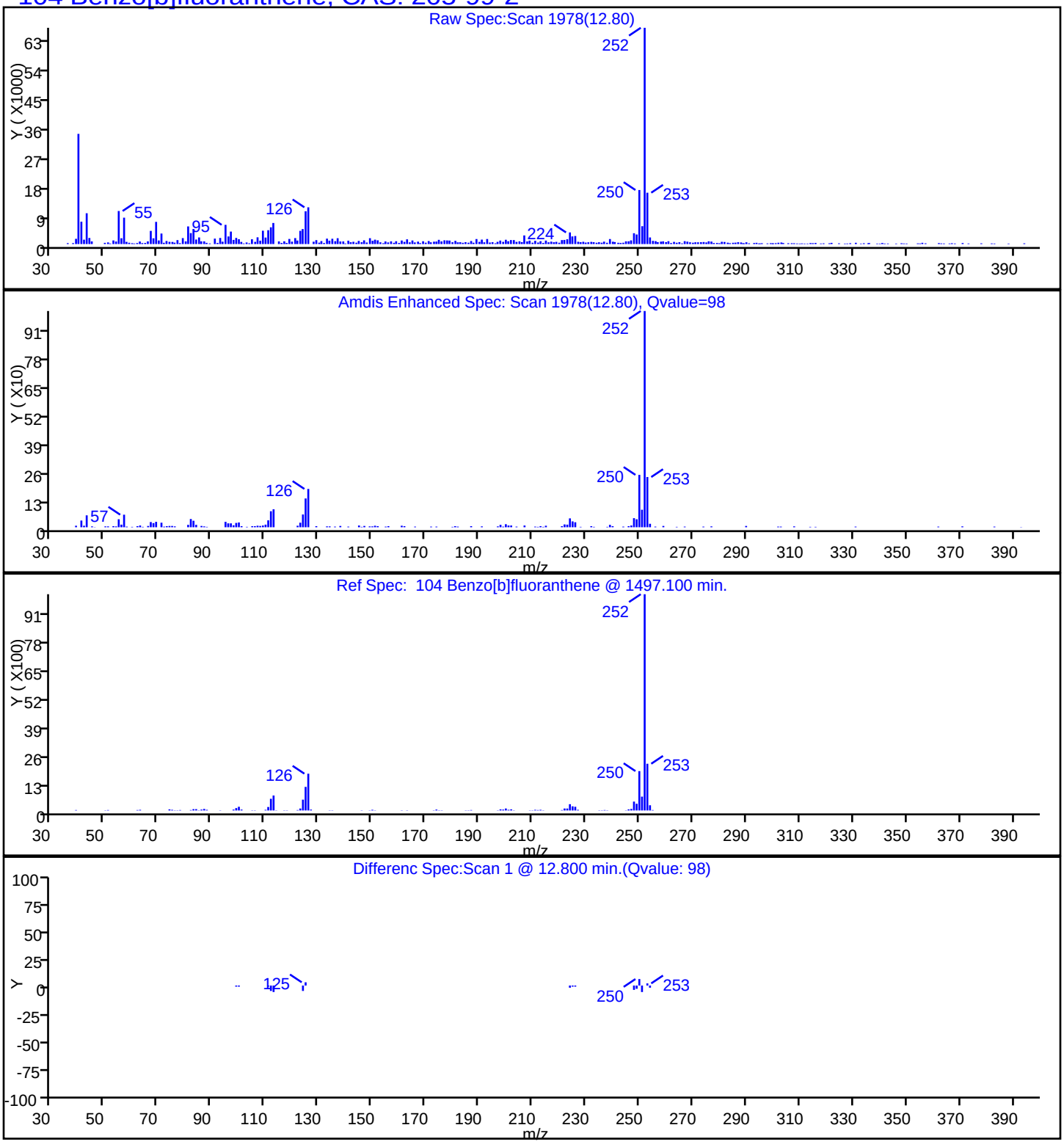
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Benzo[b]fluoranthene, CAS: 205-99-2



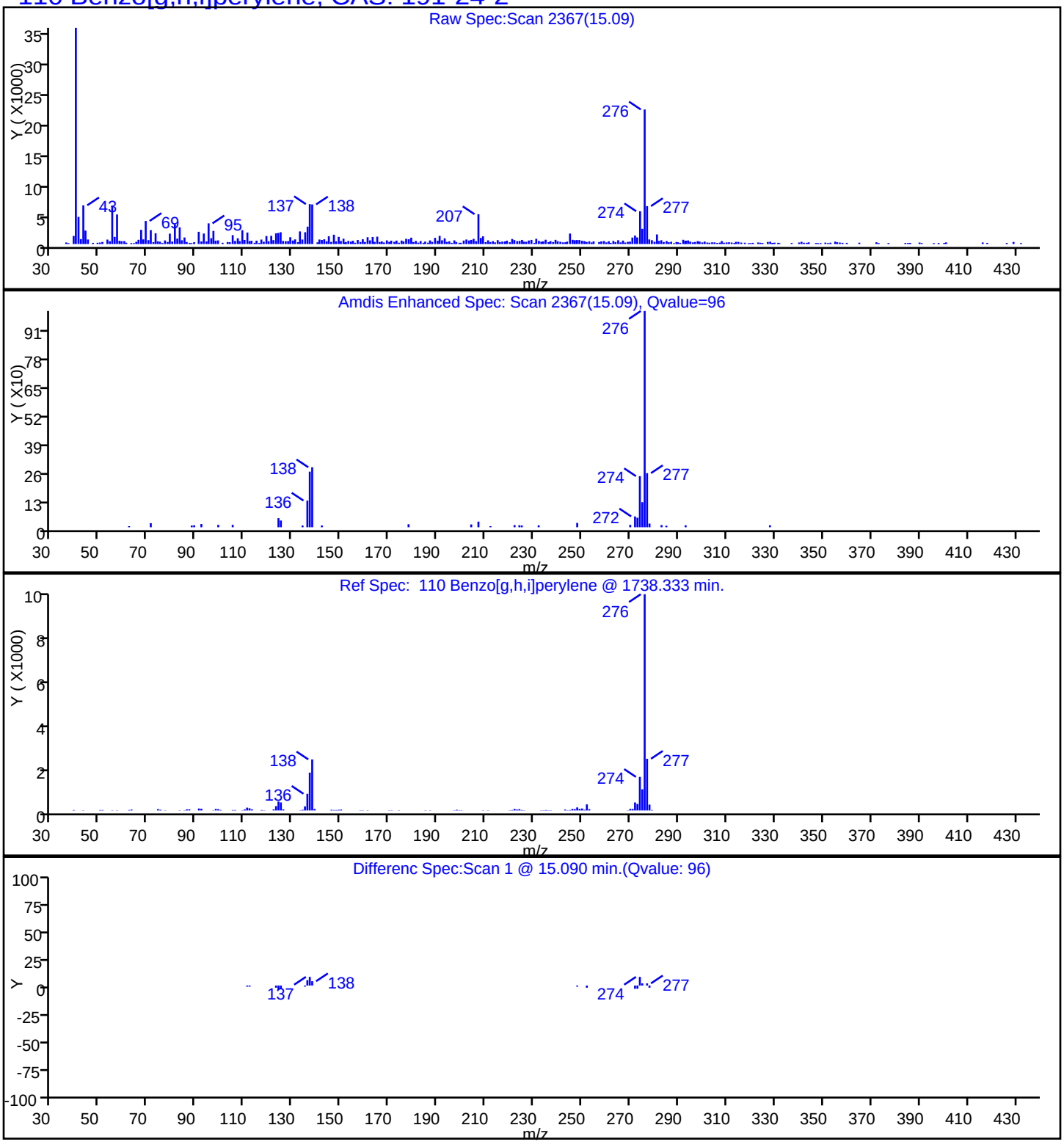
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2



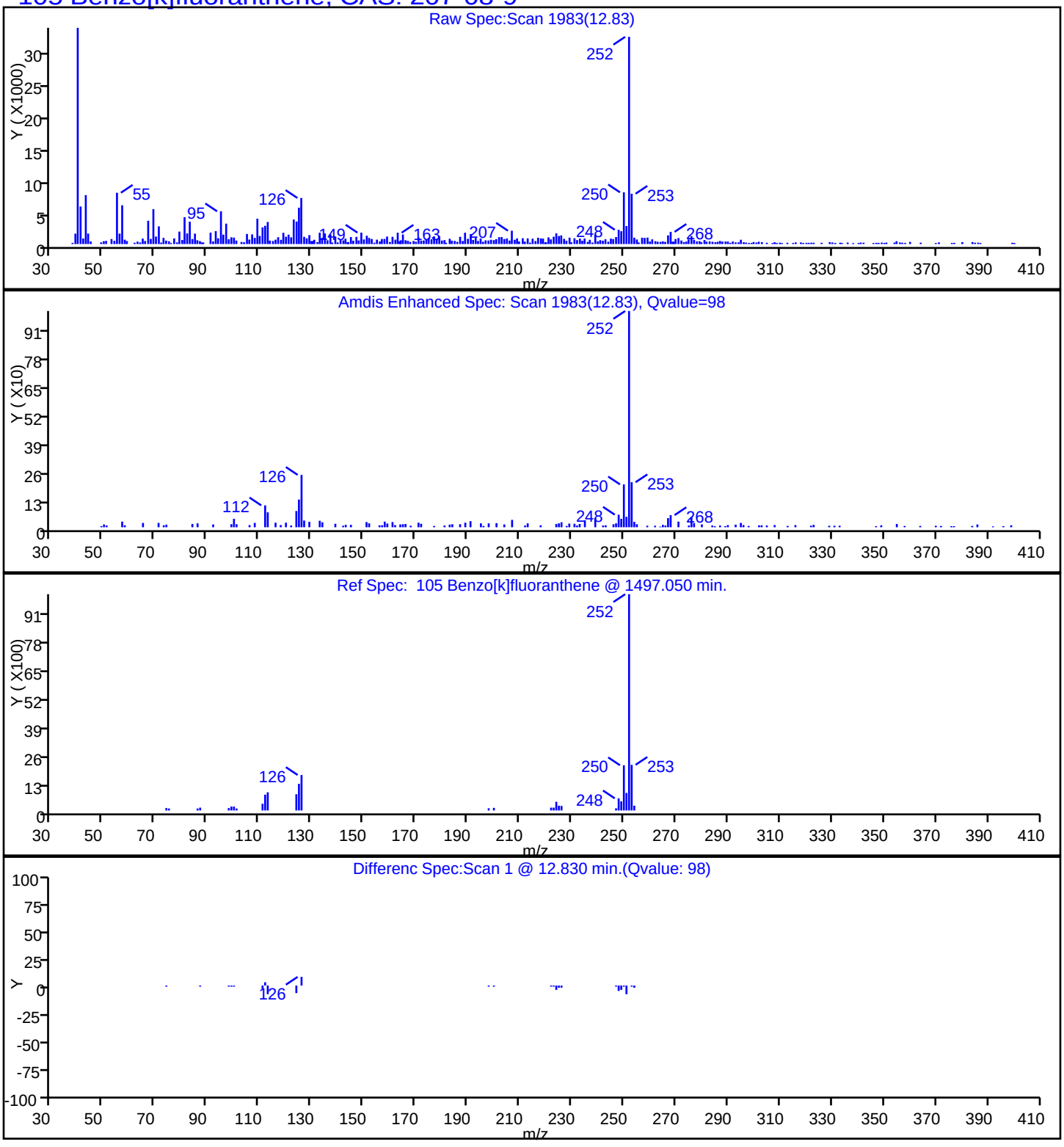
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9



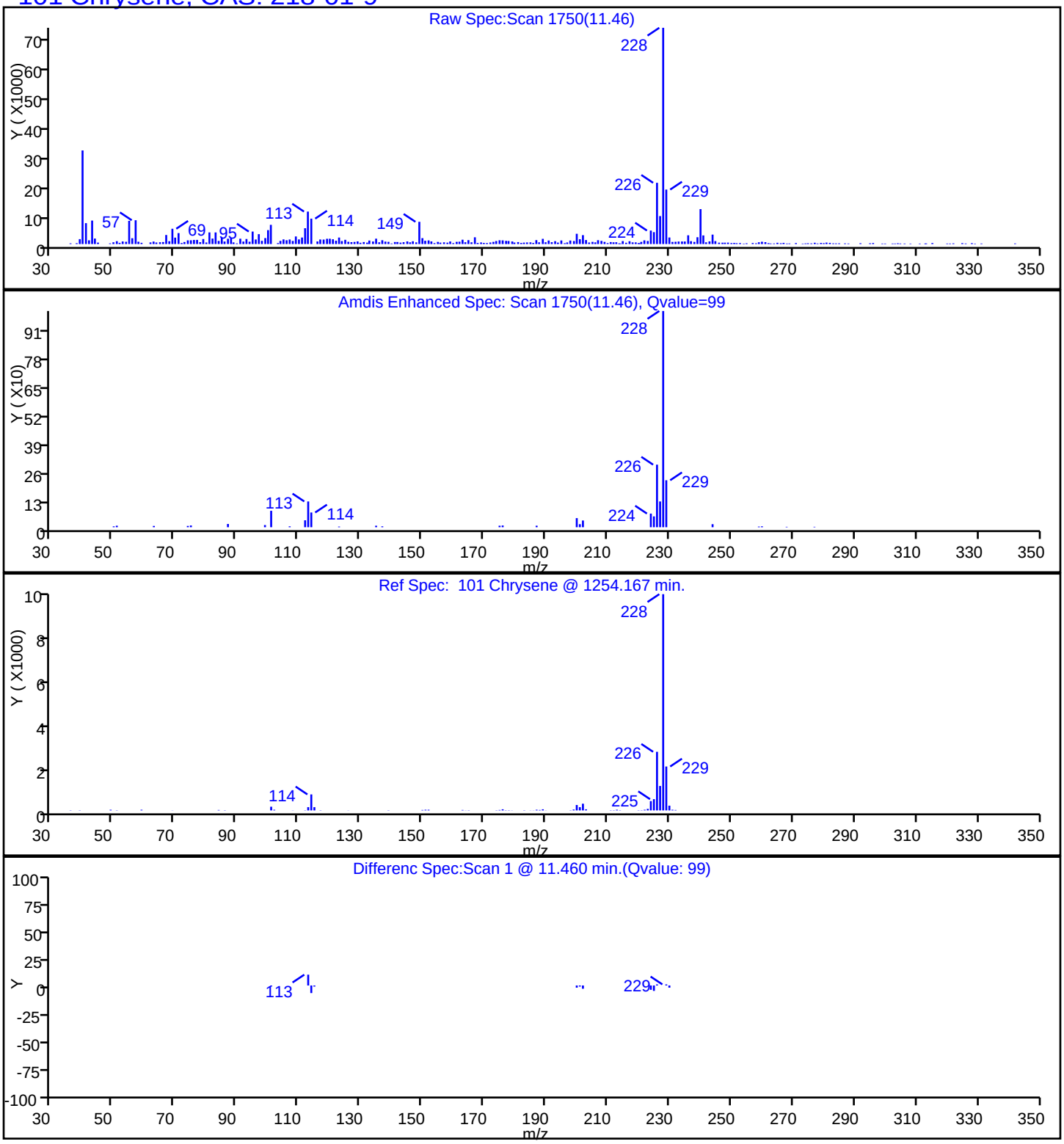
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Chrysene, CAS: 218-01-9



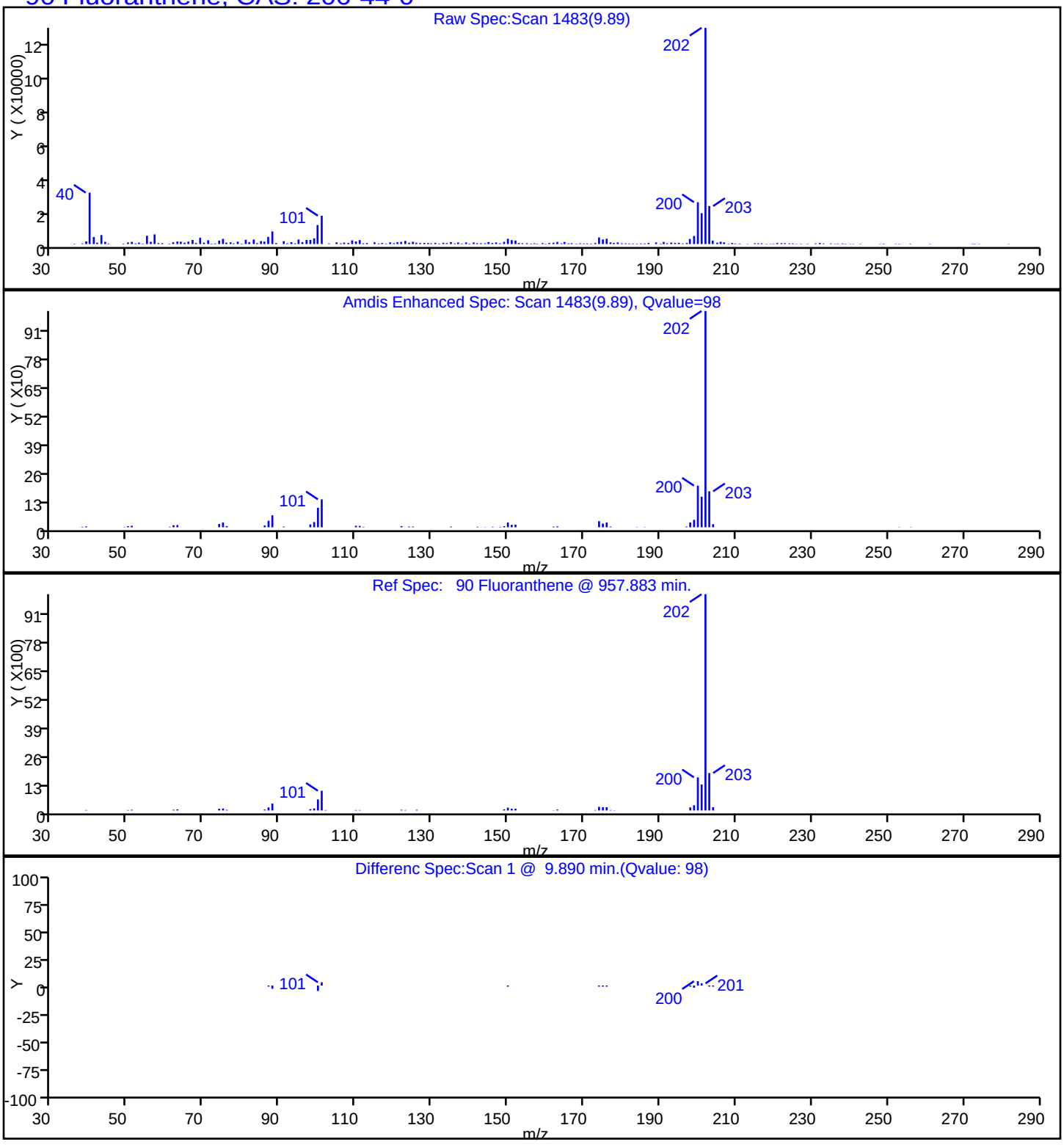
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

90 Fluoranthene, CAS: 206-44-0



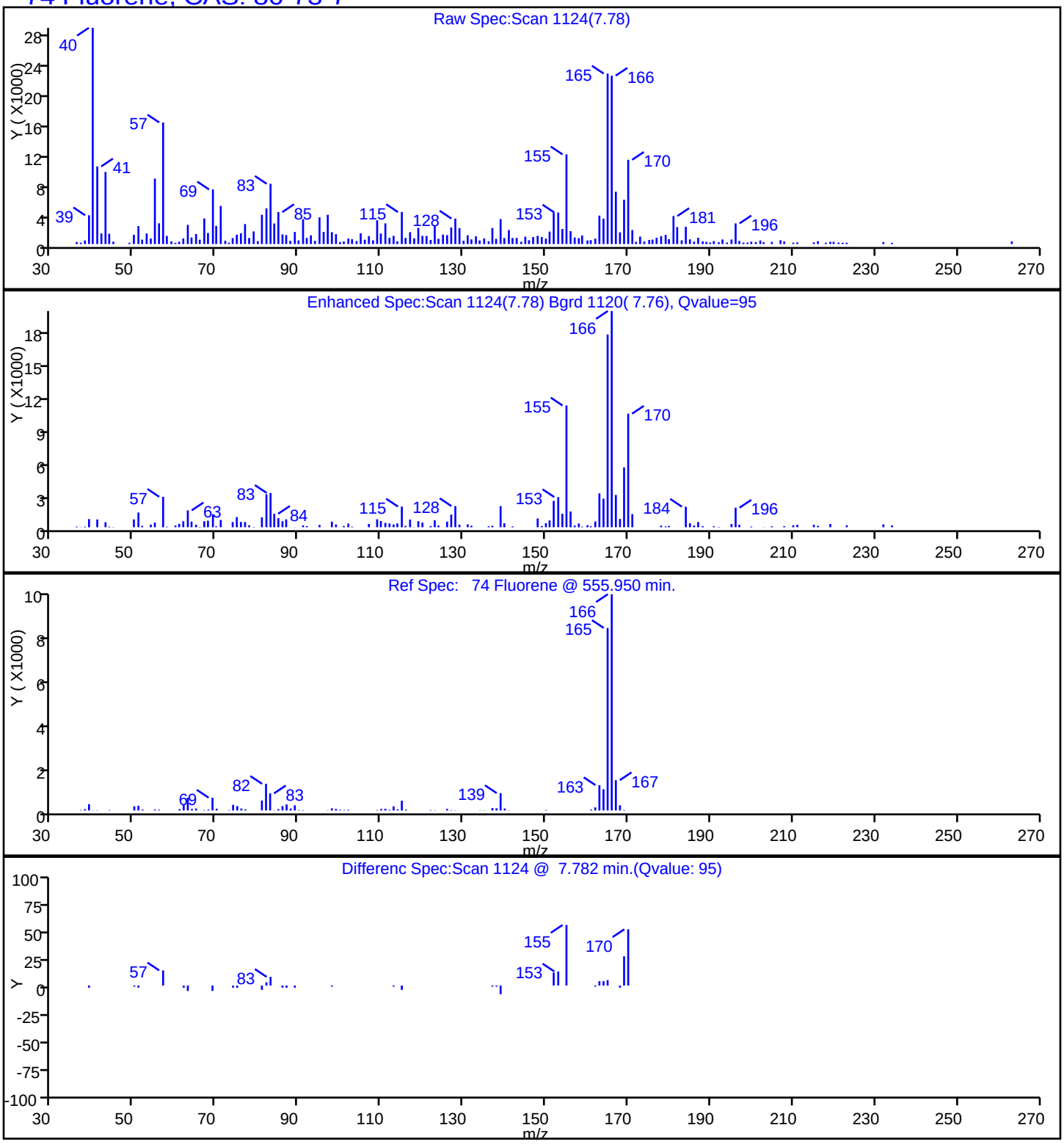
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 Fluorene, CAS: 86-73-7



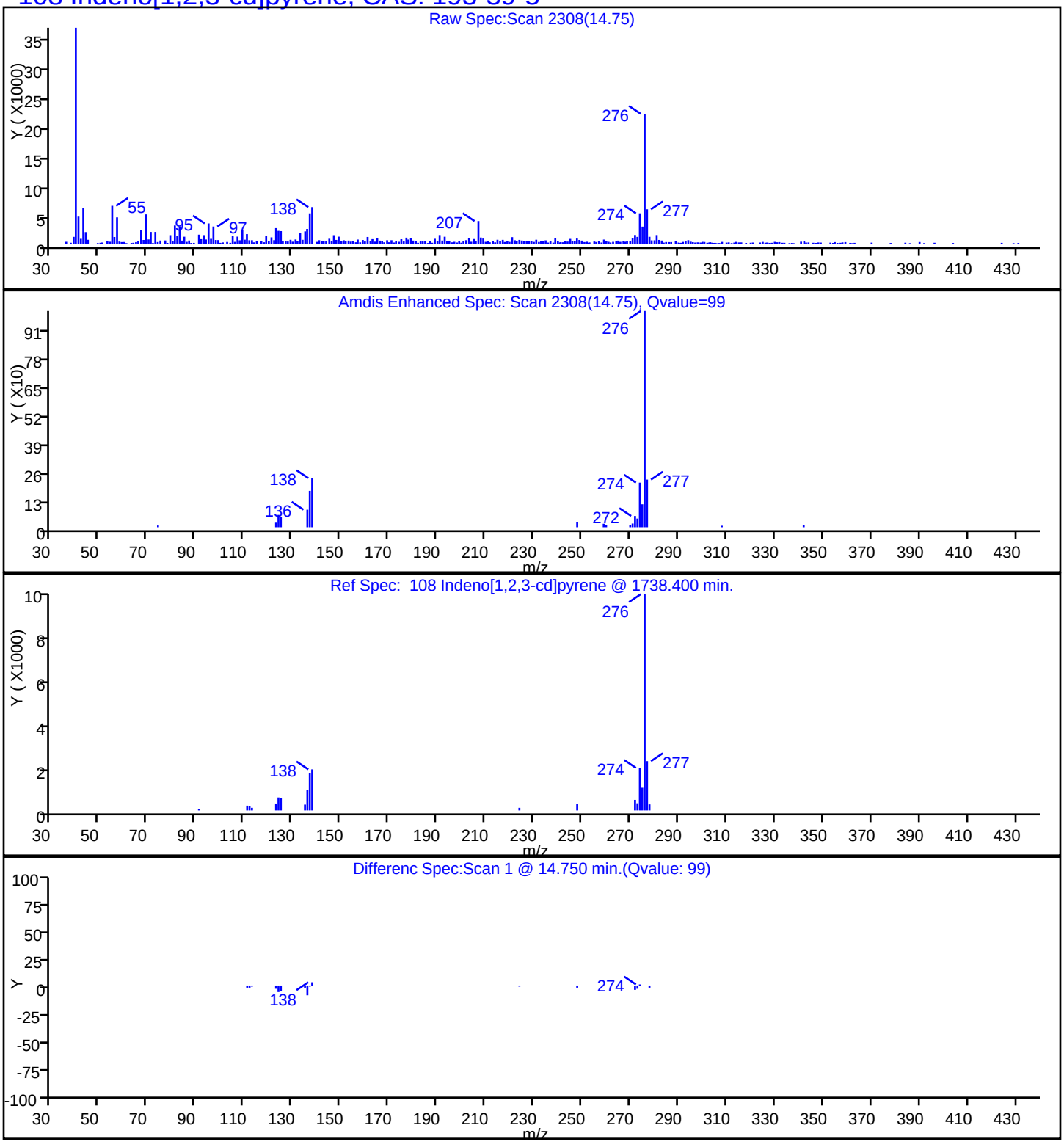
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



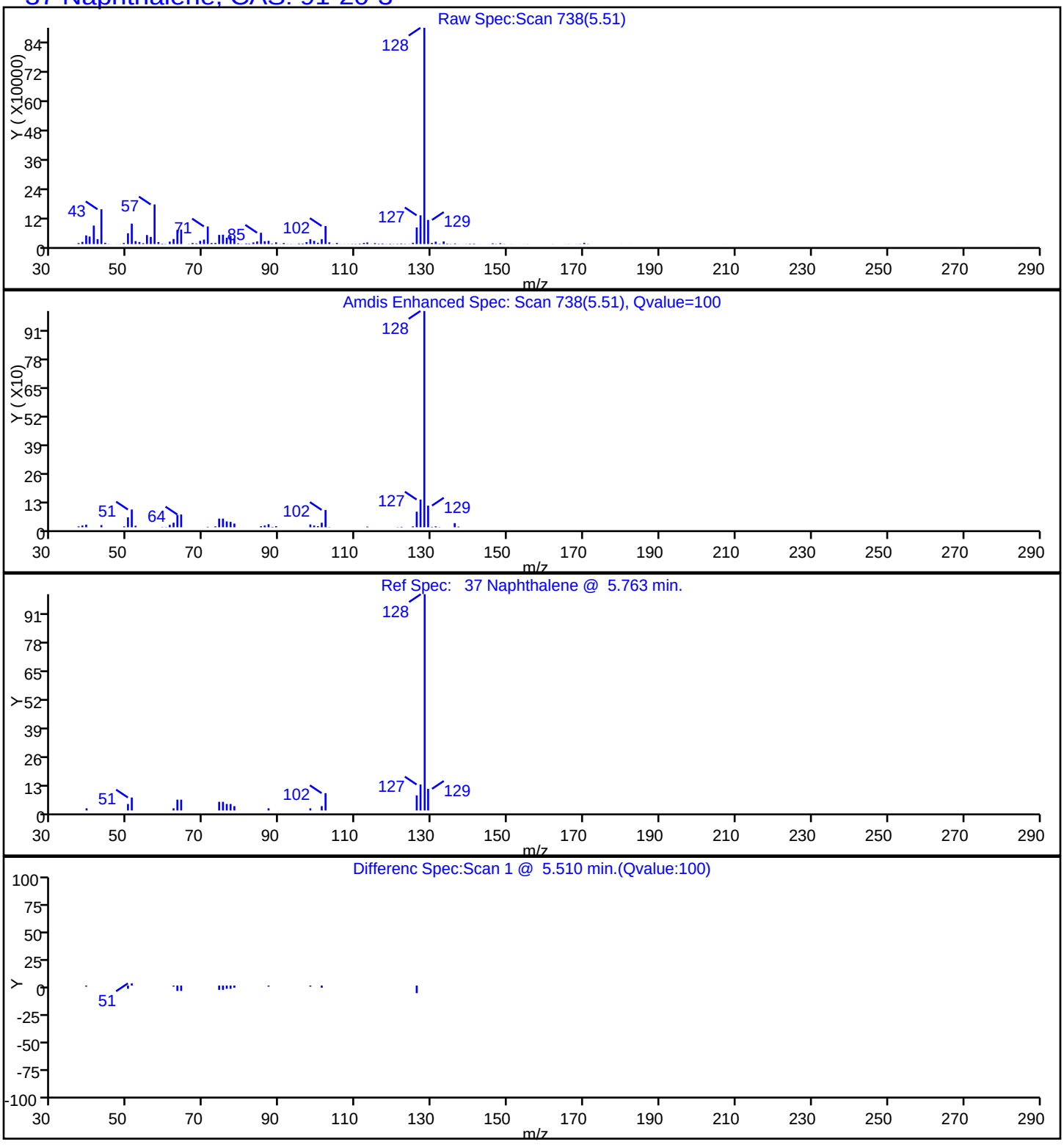
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3



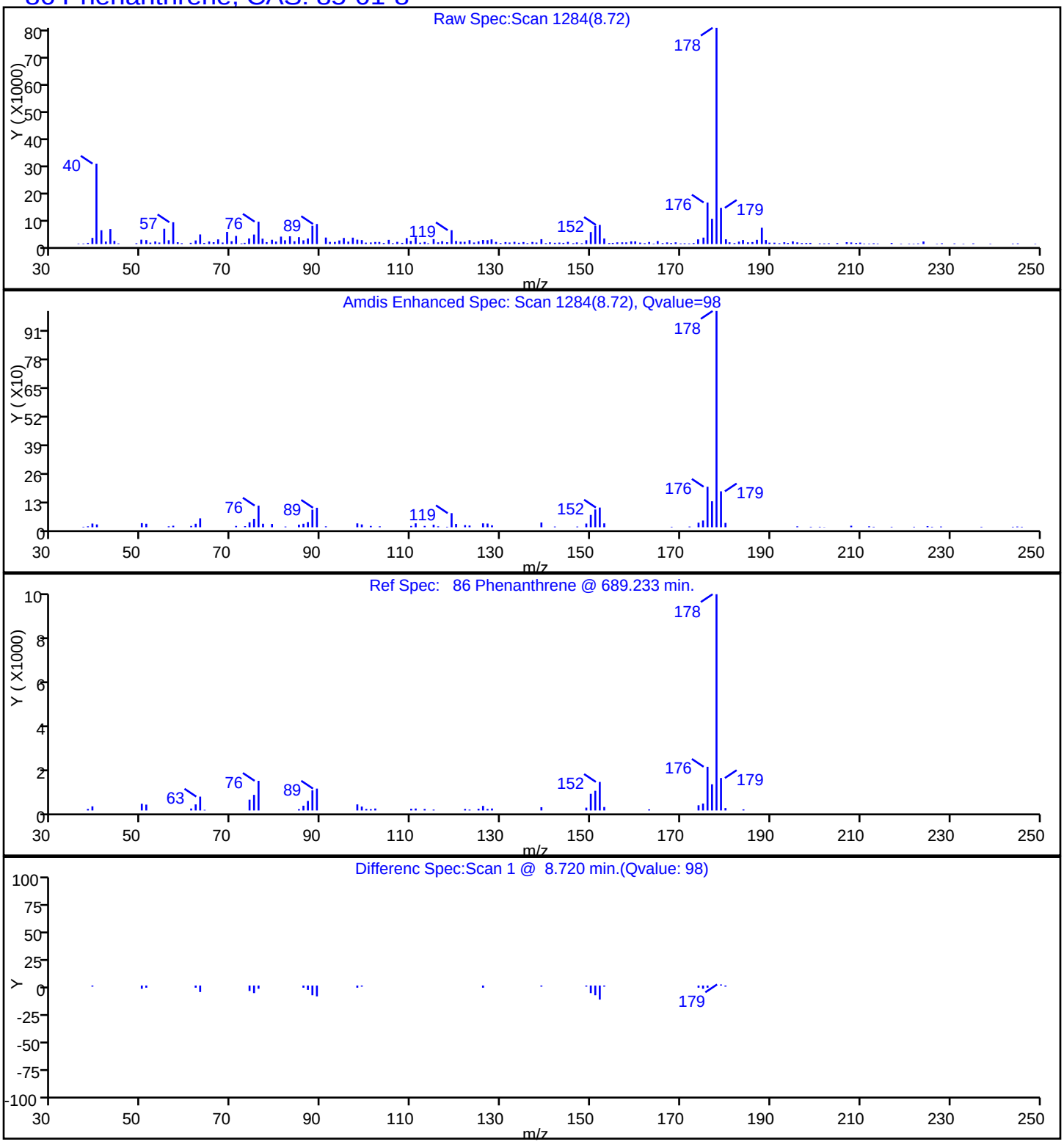
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 Phenanthrene, CAS: 85-01-8



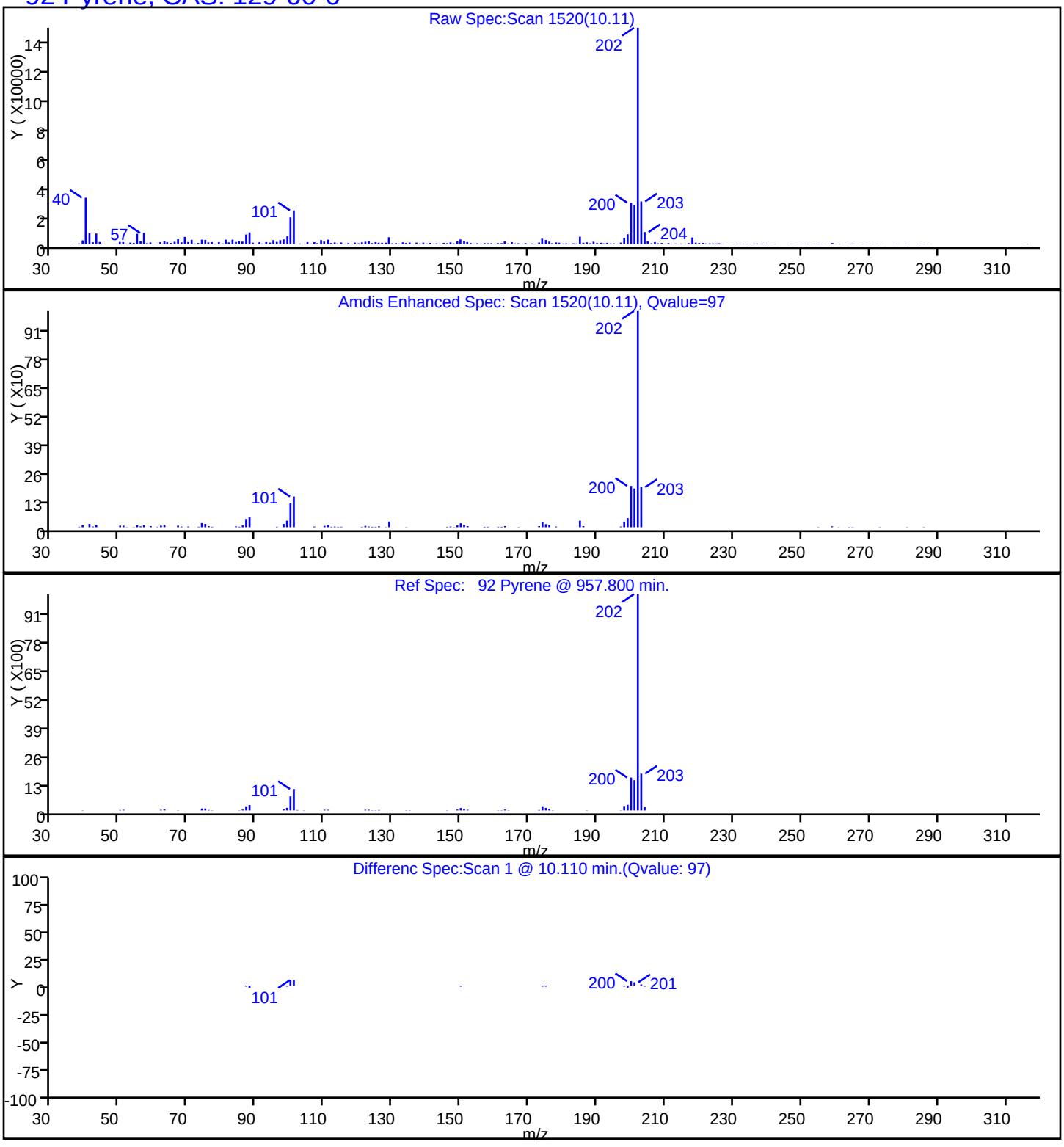
Report Date: 29-May-2015 11:51:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121966.D

Injection Date:	29-May-2015 09:22:30	Instrument ID:	CBNAMS12		
Lims ID:	460-95247-E-2-A	Lab Sample ID:	460-95247-2		
Client ID:	SB-7 (6-8)				
Operator ID:	BNA 12	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

92 Pyrene, CAS: 129-00-0



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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-300883/10	z1439.D
Level 2	STD1 460-300883/9	z1438.D
Level 3	STD2 460-300883/8	z1437.D
Level 4	STD5 460-300883/7	z1436.D
Level 5	STD10 460-300883/6	z1435.D
Level 6	STD20 460-300883/5	z1434.D
Level 7	ICIS 460-300883/2	z1431.D
Level 8	STD80 460-300883/4	z1433.D
Level 9	STD120 460-300883/3	z1432.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	0.7544	0.6863	0.6482	0.7525 0.6332	0.7378	Ave		0.7021				7.7		20.0			
N-Nitrosodimethylamine	1.1500	1.1402	1.0933	1.1917 1.0742	1.1837	Ave		1.1388				4.2		20.0			
Pyridine	1.8944	1.7792	1.6935	1.9317 1.7220	2.0475	Ave		1.8447				7.4		20.0			
Phenol	2.3673	1.9267	1.7701	2.4452 1.6852	2.4072	Ave		2.1003			0.8000	16.4		20.0			
Aniline	2.6498	2.3732	2.1694	2.8253 2.0887	2.8656	Ave		2.4953				13.4		20.0			
Bis(2-chloroethyl)ether	1.9123 1.7222	1.8919 1.5783	1.9142 1.4792	1.8161 1.5365	1.8067	Ave		1.7397			0.7000	9.7		20.0			
2-Chlorophenol	1.6316	1.4684	1.3687	1.7692 1.3363	1.7316	Ave		1.5510			0.8000	12.0		20.0			
n-Decane	3.0235	2.6876	2.5581	3.2125 2.4358	3.0813	Ave		2.8331				11.1		20.0			
1,3-Dichlorobenzene	1.6499	1.3988	1.2889	1.7442 1.2299	1.6911	Ave		1.5005				14.8		20.0			
1,4-Dichlorobenzene	1.5631	1.3534	1.2653	1.6802 1.2084	1.6347	Ave		1.4509				13.8		20.0			
Benzyl alcohol	1.0325	0.9603	0.9267	1.0019 0.8698	1.0930	Ave		0.9807				8.1		20.0			
1,2-Dichlorobenzene	1.5249	1.2752	1.1701	1.6371 1.0846	1.6073	Ave		1.3832				17.1		20.0			
2-Methylphenol	1.4787	1.2884	1.1754	1.5601 1.1289	1.5956	Ave		1.3712			0.7000	14.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
2,2'-oxybis[1-chloropropane]	3.8284	3.4376	3.2498	4.1178 3.0764	4.1792	Ave		3.6482			0.0100	12.7		20.0			
Acetophenone	1.7779	1.4925	1.4367	2.2281 1.4216	2.0571	Ave		1.7356			0.0100	19.9		20.0			
N-Nitrosodi-n-propylamine	1.3643 0.9547	1.3204 0.8722	1.2561 0.8518	1.1840 0.8479	1.1427	Ave		1.0882			0.5000	19.2		20.0			
3 & 4 Methylphenol	1.5310	1.1987	1.2143	1.8068 1.1968	1.7321	Ave		1.4466				19.5		20.0			
4-Methylphenol	1.5310	1.1940	1.2090	1.7754 1.1867	1.7321	Ave		1.4380			0.6000	19.3		20.0			
Hexachloroethane	0.7405 0.6662	0.7394 0.5927	0.7412 0.5633	0.7316 0.5305	0.7215	Ave		0.6696			0.3000	12.7		20.0			
Nitrobenzene	0.7960 0.6318	0.7600 0.5682	0.7368 0.5235	0.7058 0.5022	0.6768	Ave		0.6557			0.2000	16.1		20.0			
n,n'-Dimethylaniline	2.5723 2.0695	2.4674 1.7307	2.4511 1.5788	2.4564 1.5417	2.4725	Ave		2.1489				19.8		20.0			
Isophorone	0.7948	0.7434	0.9333 0.7065	0.8579 0.7087	0.8191	Ave		0.7948			0.4000	10.5		20.0			
2-Nitrophenol	0.2307	0.2119	0.1982	0.2244 0.1916	0.2310	Ave		0.2146			0.1000	7.9		20.0			
2,4-Dimethylphenol	0.3782	0.3388	0.3132	0.4013 0.3030	0.3933	Ave		0.3546			0.2000	11.9		20.0			
Bis(2-chloroethoxy)methane	0.5064	0.4693	0.4422	0.5659 0.4323	0.5367	Ave		0.4921			0.3000	10.8		20.0			
Benzoic acid	0.1760	0.2092	0.2049	0.0916 0.1911	0.1255	Lin2	-0.615	0.2065			0.0100				0.9940		0.9900
2,4-Dichlorophenol	0.3152	0.2833	0.3717 0.2522	0.3453 0.2376	0.3330	Ave		0.3055			0.2000	16.2		20.0			
1,2,4-Trichlorobenzene	0.3869 0.3538	0.3963 0.3047	0.3887 0.2797	0.3617 0.2661	0.3598	Ave		0.3442				14.2		20.0			
Naphthalene	1.1882	1.0112	0.9358	1.3054 0.8891	1.2592	Ave		1.0981			0.7000	16.0		20.0			
4-Chloroaniline	0.4989	0.4402	0.4011	0.5472 0.3888	0.5206	Ave		0.4662			0.0100	14.1		20.0			
Hexachlorobutadiene	0.2097	0.2497 0.1844	0.2268 0.1746	0.2197 0.1669	0.2138	Ave		0.2057			0.0100	13.7		20.0			
4-Chloro-3-methylphenol	0.3309	0.2981	0.2763	0.3545 0.2649	0.3496	Ave		0.3124			0.2000	12.2		20.0			
2-Methylnaphthalene	0.6968	0.5896	0.5328	0.7659 0.5181	0.7466	Ave		0.6416			0.4000	17.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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-Methylnaphthalene	0.6319	0.5558	0.4945	0.6944 0.4815	0.6853	Ave		0.5906				15.8		20.0			
Hexachlorocyclopentadiene	0.5207	0.4538	0.4392	0.5023 0.4524	0.5188	Ave		0.4812			0.0500	7.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.7382	0.6468	0.5847	0.8206 0.5597	0.7907	Ave		0.6901			0.0100	15.8		20.0			
2-tertbutyl-4-methylphenol	0.4580	0.4036	0.3664	0.5012 0.3641	0.4983	Ave		0.4319				14.5		20.0			
2,4,6-Trichlorophenol	0.4968	0.4520	0.5330 0.4281	0.4928 0.4152	0.5356	Ave		0.4791			0.2000	10.1		20.0			
2,4,5-Trichlorophenol	0.5121	0.4732	0.4217	0.5068 0.4157	0.5290	Ave		0.4764			0.2000	10.1		20.0			
1,1'-Biphenyl	2.0259	1.7155	1.5127	2.1680 1.4872	2.1706	Ave		1.8466			0.0100	17.1		20.0			
2-Chloronaphthalene	1.5425	1.3339	1.1938	1.6646 1.1275	1.6509	Ave		1.4189			0.8000	16.4		20.0			
Phenyl ether	1.0764	0.9798	0.8728	1.1391 0.8481	1.1935	Ave		1.0183				13.9		20.0			
2-Nitroaniline	0.6472	0.6161	0.5994	0.6834 0.4702	0.7098	Ave		0.6210			0.0100	13.6		20.0			
1,3-Dimethylnaphthalene	1.3167	1.0825	0.9649	1.4102 0.9147	1.4776	Ave		1.1944				20.0		20.0			
Dimethyl phthalate	1.3343	1.2155	1.1212	1.4342 1.0816	1.4560	Ave		1.2738			0.0100	12.5		20.0			
Coumarin	0.1768	0.1584	0.1465	0.1997 0.1452	0.1880	Ave		0.1691				13.4		20.0			
2,6-Dinitrotoluene	0.3280	0.3401 0.3125	0.3555 0.2907	0.3351 0.2813	0.3554	Lin2	0.0406	0.3152			0.2000				0.9920		0.9900
Acenaphthylene	2.3067	2.0305	1.8626	2.4564 1.8087	2.4784	Ave		2.1572			0.9000	13.7		20.0			
3-Nitroaniline	0.3889	0.3670	0.3577	0.4019 0.3521	0.4069	Ave		0.3791			0.0100	6.2		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2674	1.1073	1.0519	1.4191 1.0339	1.4628	Ave		1.2237				15.3		20.0			
Acenaphthene	1.3294	1.1114	0.9871	1.5551 0.9510	1.5100	QuaF		1.2225	-0.002365		0.9000				0.9960		0.9900
2,4-Dinitrophenol	0.1588	0.1720	0.0731 0.1801	0.1051 0.1798	0.1426	Lin2	-0.440	0.1725			0.0100				0.9930		0.9900
4-Nitrophenol	0.2627	0.2736	0.2698	0.2374 0.2632	0.2647	Ave		0.2619			0.0100	4.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
2,4-Dinitrotoluene	0.3847	0.3604 0.3608	0.4181 0.3306	0.3967 0.3124	0.3961	Ave		0.3700			0.2000	9.7		20.0			
Dibenzofuran	2.0177	1.7915	1.5983	2.1993 1.5244	2.2057	Ave		1.8895			0.8000	15.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3437	0.3308	0.3016	0.3344 0.3019	0.3430	Ave		0.3259			0.0100	5.9		20.0			
Diethyl phthalate	1.3255	1.2325	1.1569	1.3667 1.0836	1.3721	Ave		1.2562			0.0100	9.5		20.0			
4-Chlorophenyl phenyl ether	0.6545	0.5797	0.5235	0.7642 0.5079	0.7514	Ave		0.6302			0.4000	17.7		20.0			
Fluorene	1.3969	1.1620	1.0834	1.5633 1.0485	1.5476	Ave		1.3003			0.9000	17.8		20.0			
4-Nitroaniline	0.3101	0.3221	0.3105	0.2971 0.2985	0.3140	Ave		0.3087			0.0100	3.1		20.0			
4,6-Dinitro-2-methylphenol	0.1314	0.1283	0.0811 0.1272	0.1028 0.1226	0.1225	Lin2	-0.197	0.1291			0.0100				0.9980		0.9900
N-Nitrosodiphenylamine	0.7148	0.7346	0.6090	0.7626 0.5947	0.7613	Ave		0.6962			0.0100	10.8		20.0			
1,2-Diphenylhydrazine	1.1955	1.0992	1.0298	1.2728 0.9519	1.2817	Ave		1.1385				11.8		20.0			
4-Bromophenyl phenyl ether	0.2612	0.2350	0.2165	0.2730 0.2032	0.2635	Ave		0.2421			0.1000	11.7		20.0			
Hexachlorobenzene	0.2674 0.2441	0.2597 0.2200	0.2619 0.2064	0.2458 0.1945	0.2547	Ave		0.2394			0.1000	10.9		20.0			
Pentachlorophenol	0.1224	0.1223	0.0785 0.1170	0.1016 0.1113	0.1153	Ave		0.1098			0.0500	14.1		20.0			
Pentachloronitrobenzene	0.0996	0.0865	0.0774	0.0908 0.0764	0.1026	Ave		0.0889			0.0100	12.3		20.0			
n-Octadecane	1.1356	1.0274	0.9850	1.2106 0.9116	1.2194	Ave		1.0816				11.7		20.0			
Phenanthrene	1.1440	1.0303	0.9677	1.2131 0.8870	1.2548	Ave		1.0828			0.7000	13.4		20.0			
Anthracene	1.2223	1.0540	0.9938	1.2928 0.9051	1.2926	Ave		1.1268			0.7000	14.7		20.0			
Carbazole	1.0219	0.9662	0.8928	1.0657 0.8252	1.0658	Ave		0.9729			0.0100	10.1		20.0			
Di-n-butyl phthalate	1.1929	1.0979	1.0564	1.1682 0.9810	1.2386	Ave		1.1225			0.0100	8.5		20.0			
Fluoranthene	1.0095	0.9361	0.9050	0.9868 0.8519	1.0666	Ave		0.9593			0.6000	8.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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								
Benzidine	0.5656	0.5475	0.5538	0.4709 0.5565	0.5216	Ave		0.5360				6.6		20.0			
Pyrene	1.8993	1.7028	1.6859	2.0377 1.6736	2.0222	Ave		1.8369			0.6000	9.3		20.0			
Bisphenol-A	0.6410	0.6312	0.6494	0.5896 0.6735	0.6387	Ave		0.6372				4.3		20.0			
Butyl benzyl phthalate	0.7379	0.6931	0.7061	0.7490 0.7108	0.7828	Ave		0.7299			0.0100	4.5		20.0			
2,3,7,8-TCDD		0.0887				Ave		0.0887						20.0			
Carbamazepine	0.4958	0.5330	0.5237	0.3942 0.5312	0.4650	Ave		0.4905				11.0		20.0			
3,3'-Dichlorobenzidine	0.4498	0.4635	0.4119 0.4107	0.4329 0.4394	0.4340	Ave		0.4346			0.0100	4.4		20.0			
Benzo[a]anthracene	1.3285 1.2938	1.4393 1.2380	1.3695 1.2451	1.3425 1.2205	1.3059	Ave		1.3092			0.8000	5.4		20.0			
Bis(2-ethylhexyl) phthalate	0.9449	0.8756	0.8649	1.0297 0.8640	0.9821	Ave		0.9269			0.0100	7.5		20.0			
Chrysene	1.1740	1.1129	1.0583	1.2880 1.0313	1.2321	Ave		1.1494			0.7000	8.7		20.0			
Di-n-octyl phthalate	2.1042	2.0306	2.0109	2.0181 2.0049	2.1358	Ave		2.0508			0.0100	2.7		20.0			
Benzo[b]fluoranthene	1.3718 1.3325	1.4329 1.2902	1.4371 1.3498	1.3296 1.2936	1.3244	Ave		1.3513			0.7000	4.0		20.0			
Benzo[k]fluoranthene	1.5142 1.3380	1.4092 1.3008	1.4192 1.2412	1.3194 1.2294	1.4048	Ave		1.3529			0.7000	6.8		20.0			
Benzo[a]pyrene	1.2013 1.2481	1.2906 1.2023	1.2652 1.1696	1.2856 1.1506	1.1987	Ave		1.2236			0.7000	4.1		20.0			
Indeno[1,2,3-cd]pyrene	1.0190 0.9708	0.9962 0.9981	0.9754 0.9749	0.9399 0.9885	0.9618	Ave		0.9805			0.5000	2.4		20.0			
Dibenz(a,h)anthracene	0.9255 0.9724	0.8631 0.9321	0.8668 0.9206	0.9263 0.9184	0.9069	Ave		0.9147			0.4000	3.7		20.0			
Benzo[g,h,i]perylene	0.9665	0.9411	0.9253	0.9374 0.9429	0.9430	Ave		0.9427			0.5000	1.4		20.0			
2-Fluorophenol (Surr)	1.8271	1.7953 1.6760	1.8757 1.5319	1.7887 1.4473	1.9696	Ave		1.7390				10.1		20.0			
Phenol-d5 (Surr)	2.1429	2.3824 1.9667	2.5170 1.7739	2.2646 1.6686	2.3543	Ave		2.1338				14.3		20.0			
Nitrobenzene-d5 (Surr)	0.5683 0.4974	0.5469 0.4858	0.5888 0.4414	0.5299 0.4222	0.5292	Ave		0.5122				10.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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-Fluorobiphenyl	2.1047 1.9250	2.1760 1.7838	2.3072 1.5485	2.0656 1.4731	2.1228	Ave		1.9452				14.8		20.0			
2,4,6-Tribromophenol (Surr)	 0.1777	0.1579 0.1721	0.1879 0.1605	0.1664 0.1523	0.1916	Ave		0.1708				8.3		20.0			
Terphenyl-d14 (Surr)	1.2719 1.2141	1.2839 1.1361	1.3877 1.1120	1.3235 1.0853	1.3162	Ave		1.2367				8.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-300883/10	z1439.D
Level 2	STD1 460-300883/9	z1438.D
Level 3	STD2 460-300883/8	z1437.D
Level 4	STD5 460-300883/7	z1436.D
Level 5	STD10 460-300883/6	z1435.D
Level 6	STD20 460-300883/5	z1434.D
Level 7	ICIS 460-300883/2	z1431.D
Level 8	STD80 460-300883/4	z1433.D
Level 9	STD120 460-300883/3	z1432.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	115377	247223	333960	27346 441037	51750	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	175876	410736	563290	43309 748241	83026	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	289736	640952	872574	70200 1199448	143614	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	362066	694089	912035	88862 1173758	168840	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	405265	854941	1117771	102675 1454842	200991	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	6885 263390	14465 568557	29290 762125	65998 1070214	126719	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	249536	528992	705212	64294 930762	121454	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	462413	968185	1318000	116748 1696596	216119	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	252345	503919	664081	63385 856643	118614	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	239067	487538	651949	61062 841671	114658	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	157916	345946	477485	36411 605814	76666	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	233228	459378	602852	59496 755435	112739	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	226161	464124	605586	56695 786285	111914	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	585517	1238372	1674405	149648 2142830	293128	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Acetophenone	DCB	Ave	271911	537666	740220	80974 990210	144282	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	4912 146020	10095 314190	19220 438891	43028 590585	80146	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	234149	431827	625664	65662 833622	121487	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	234149	430123	622912	64519 826592	121487	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	2666 101883	5653 213522	11341 290256	26589 369477	50605	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	9843 316397	19576 659140	37871 896662	87636 1158705	164293	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	9261 316520	18865 623477	37506 813446	89269 1073871	173422	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	398040	862458	47969 1210059	106515 1635064	198839	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	115510	245822	339401	27864 442067	56086	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	189382	393036	536523	49829 699024	95472	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	253619	544413	757435	70263 997399	130298	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	88142	242736	350960	11379 440994	30468	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	157876	328642	19104 431976	42871 548092	80830	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	4785 177163	10208 353469	19977 478995	44914 614033	87347	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	595030	1173055	1602904	162079 2051215	305685	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	249868	510669	686991	67946 897044	126390	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	105013	6432 213925	11655 299033	27274 385008	51895	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	165690	345852	473217	44012 611150	84874	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	348946	683981	912564	95092 1195302	181237	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	316465	644745	847017	86215 1110886	166359	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	100547	200323	286685	25249 401293	48165	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	142548	285490	381647	41249 496464	73401	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	229362	468218	627562	62232 840116	120954	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	95934	199519	10884 279443	24769 368288	49725	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	98887	208871	275296	25475 368788	49107	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	391220	757239	987400	108975 1319263	201509	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	297880	588807	779235	83674 1000171	153260	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	207874	432492	569737	57260 752319	110799	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	124977	271947	391291	34351 417066	65893	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	254274	477805	629863	70886 811386	137178	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	257673	536521	731867	72093 959409	135168	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	88556	183765	250901	24798 335034	45635	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Lin2	63342	3579 137948	7259 189776	16845 249553	32998	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	445454	896267	1215785	123472 1604480	230087	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	75110	161987	233493	20200 312297	37774	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	244748	488773	686652	71331 917139	135797	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	QuaF	256730	490599	644302	78169 843597	140187	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	61347	151878	2984 235129	10568 318986	26479	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	101464	241499	352220	23871 466873	49151	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	74287	3793 159241	8538 215787	19940 277150	36769	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	389637	790796	1043323	110547 1352213	204765	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	66372	145998	196850	16808 267806	31844	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	255968	544053	755185	68698 961268	127378	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	126400	255872	341747	38415 450548	69758	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	269760	512900	707168	78582 930102	143677	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	59892	142193	202679	14934 264825	29154	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	72388	164888	5091 243637	14680 328111	33165	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	196836	472076	583366	54441 795608	103070	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	329197	706371	986522	90863 1273408	173523	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	71914	151000	207435	19490 271860	35679	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1948 67225	4070 141406	8221 197718	17550 260265	34479	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Ave	67388	157229	4927 224111	14509 297903	31207	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	27420	55618	74128	6480 102160	13896	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	312718	660235	943572	86424 1219606	165094	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	315028	662115	927036	86601 1186691	169880	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	336582	677347	952016	92294 1210866	175002	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	281389	620921	855268	76080 1104005	144296	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	328478	705532	1012015	83395 1312439	167687	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	277975	601564	866951	70445 1139695	144402	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	155738	351870	530538	33621 744523	70614	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	274731	631469	882016	70478 1132663	144273	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	92725	234062	339720	20391 455824	45567	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	106735	257022	369386	25906 481099	55848	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		329					0.500			
Carbamazepine	CRY	Ave	71717	197666	273995	13634 359502	33173	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	65062	171901	6167 214881	14974 297402	30967	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	4760 187151	10735 459087	20505 651374	46434 826051	93169	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	136675	324723	452479	35616 584718	70066	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	169825	412694	553637	44549 698001	87903	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	225253	578144	810601	50353 1022806	109441	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	3363 142637	7592 367324	14862 544078	33174 659912	67866	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	3712 143232	7466 370358	14677 500313	32921 627174	71983	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2945 133605	6838 342312	13084 471473	32077 586979	61424	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2498 103925	5278 284162	10087 392978	23451 504263	49283	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2269 104090	4573 265389	8964 371077	23112 468516	46470	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	103459	267936	372986	23389 481032	48323	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCB	Ave	279441	13726 603754	28701 789295	65005 1008096	138149	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCB	Ave	327737	18215 708491	38514 913955	82299 1162230	165129	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	7027 249106	14088 563587	30266 756016	65788 974076	128468	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	10412 371738	22900 787377	47114 1010778	103831 1306728	197075	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	34307	1662 75963	3838 104798	8365 135107	17785	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	4557 175620	9576 421326	20778 581753	45778 734492	93903	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 300883

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/26/2015 12:46 Calibration End Date: 05/26/2015 16:23 Calibration ID: 50106

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 26-May-2015 12:46:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027782-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:42 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: zhaoc Date: 26-May-2015 14:04:54

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.653	1.653	0.000	89	247223	50.0	48.9	
	2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	81	410736	50.0	50.1	
	3 Pyridine	79	1.905	1.905	0.000	74	640952	50.0	48.2	
$	4 2-Fluorophenol	112	3.023	3.023	0.000	89	603754	50.0	48.2	
$	6 Phenol-d5	99	3.958	3.958	0.000	96	708491	50.0	46.1	
	7 Phenol	94	3.970	3.970	0.000	94	694089	50.0	45.9	
	8 Aniline	93	3.982	3.982	0.000	96	854941	50.0	47.6	
	9 Bis(2-chloroethyl)ether	93	4.047	4.047	0.000	93	568557	50.0	45.4	
	10 Benzonitrile	103	4.070	4.070	0.000	0	1060302	NC	NC	
	11 2-Chlorophenol	128	4.105	4.105	0.000	90	528992	50.0	47.3	
	12 n-Decane	43	4.158	4.158	0.000	93	968185	50.0	47.4	
	13 1,3-Dichlorobenzene	146	4.258	4.258	0.000	90	503919	50.0	46.6	
*	14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	288195	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.329	4.329	0.000	89	487538	50.0	46.6	
	16 Benzyl alcohol	108	4.452	4.452	0.000	91	345946	50.0	49.0	
	17 1,2-Dichlorobenzene	146	4.482	4.482	0.000	90	459378	50.0	46.1	
	18 2-Methylphenol	108	4.570	4.570	0.000	89	464124	50.0	47.0	
	19 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	93	1238372	50.0	47.1	
	20 N-Methylaniline	106	4.711	4.711	0.000	0	698967	NC	NC	
	22 Acetophenone	105	4.723	4.723	0.000	94	537666	50.0	43.0	
	21 N-Nitrosodi-n-propylamine	70	4.729	4.729	0.000	95	314190	50.0	40.1	
	23 3 & 4 Methylphenol	108	4.735	4.735	0.000	86	431827	50.0	41.4	M
	24 4-Methylphenol	108	4.735	4.735	0.000	90	430123	50.0	41.5	M
	25 Hexachloroethane	117	4.823	4.823	0.000	95	213522	50.0	44.3	
$	26 Nitrobenzene-d5	82	4.870	4.870	0.000	95	563587	50.0	47.4	
	27 Nitrobenzene	77	4.894	4.894	0.000	84	659140	50.0	43.3	
	28 n,n'-Dimethylaniline	120	4.899	4.899	0.000	92	623477	50.0	40.3	
	31 Isophorone	82	5.135	5.135	0.000	98	862458	50.0	46.8	
	32 2-Nitrophenol	139	5.211	5.211	0.000	81	245822	50.0	49.4	
	33 2,4-Dimethylphenol	122	5.264	5.264	0.000	88	393036	50.0	47.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.352	5.352	0.000	96	544413	50.0	47.7	
35 Benzoic acid	122	5.417	5.417	0.000	90	242736	50.0	53.6	
36 2,4-Dichlorophenol	162	5.458	5.458	0.000	90	328642	50.0	46.4	
37 1,2,4-Trichlorobenzene	180	5.541	5.541	0.000	93	353469	50.0	44.3	
* 38 Naphthalene-d8	136	5.599	5.599	0.000	99	928075	40.0	40.0	
39 Naphthalene	128	5.617	5.617	0.000	98	1173055	50.0	46.0	
40 4-Chloroaniline	127	5.670	5.670	0.000	93	510669	50.0	47.2	
41 Hexachlorobutadiene	225	5.752	5.752	0.000	94	213925	50.0	44.8	
43 4-Chloro-3-methylphenol	107	6.170	6.170	0.000	95	345852	50.0	47.7	
44 2-Methylnaphthalene	142	6.311	6.311	0.000	85	683981	50.0	45.9	
45 1-Methylnaphthalene	142	6.411	6.411	0.000	95	644745	50.0	47.1	
46 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	95	200323	50.0	47.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.488	6.488	0.000	96	285490	50.0	46.9	
48 2-tertbutyl-4-methylphenol	149	6.523	6.523	0.000	88	468218	50.0	46.7	
49 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	86	199519	50.0	47.2	
50 2,4,5-Trichlorophenol	196	6.635	6.635	0.000	94	208871	50.0	49.7	
$ 51 2-Fluorobiphenyl	172	6.682	6.682	0.000	98	787377	50.0	45.9	
52 1,1'-Biphenyl	154	6.782	6.782	0.000	96	757239	50.0	46.4	
53 2-Chloronaphthalene	162	6.799	6.799	0.000	96	588807	50.0	47.0	
54 Phenyl ether	170	6.882	6.882	0.000	89	432492	50.0	48.1	
55 2-Nitroaniline	65	6.905	6.905	0.000	94	271947	50.0	49.6	
57 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	92	477805	50.0	45.3	
58 Dimethyl phthalate	163	7.093	7.093	0.000	98	536521	50.0	47.7	
59 Coumarin	146	7.111	7.111	0.000	75	183765	50.0	46.8	
60 2,6-Dinitrotoluene	165	7.146	7.146	0.000	90	137948	50.0	49.4	
63 Acenaphthylene	152	7.211	7.211	0.000	97	896267	50.0	47.1	
64 3-Nitroaniline	138	7.311	7.311	0.000	89	161987	50.0	48.4	
* 65 Acenaphthene-d10	164	7.352	7.352	0.000	98	353128	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.382	7.382	0.000	97	488773	50.0	45.2	
67 Acenaphthene	154	7.387	7.387	0.000	96	490599	50.0	50.4	
68 2,4-Dinitrophenol	184	7.417	7.417	0.000	93	151878	100.0	102.3	
69 4-Nitrophenol	65	7.493	7.493	0.000	96	241499	100.0	104.5	
70 2,4-Dinitrotoluene	165	7.540	7.540	0.000	91	159241	50.0	48.8	
71 Dibenzofuran	168	7.558	7.558	0.000	96	790796	50.0	47.4	
72 2,3,4,6-Tetrachlorophenol	232	7.682	7.682	0.000	93	145998	50.0	50.7	
73 Diethyl phthalate	149	7.787	7.787	0.000	97	544053	50.0	49.1	
75 4-Chlorophenyl phenyl ethe	204	7.893	7.893	0.000	83	255872	50.0	46.0	
74 Fluorene	166	7.893	7.893	0.000	98	512900	50.0	44.7	
76 4-Nitroaniline	138	7.923	7.923	0.000	95	142193	50.0	52.2	
77 4,6-Dinitro-2-methylphenol	198	7.952	7.952	0.000	74	164888	100.0	100.9	
78 N-Nitrosodiphenylamine	169	8.011	8.011	0.000	67	472076	50.0	52.8	
79 1,2-Diphenylhydrazine	77	8.052	8.052	0.000	99	706371	50.0	48.3	
$ 80 2,4,6-Tribromophenol	330	8.134	8.134	0.000	93	75963	50.0	50.4	
81 4-Bromophenyl phenyl ether	248	8.376	8.376	0.000	85	151000	50.0	48.5	
82 Hexachlorobenzene	284	8.446	8.446	0.000	98	141406	50.0	46.0	
84 Pentachlorophenol	266	8.640	8.640	0.000	91	157229	100.0	111.4	
85 Pentachloronitrobenzene	237	8.652	8.652	0.000	87	55618	50.0	48.7	
86 n-Octadecane	57	8.717	8.717	0.000	90	660235	50.0	47.5	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	514117	40.0	40.0	
88 Phenanthrene	178	8.840	8.840	0.000	99	662115	50.0	47.6	
89 Anthracene	178	8.893	8.893	0.000	98	677347	50.0	46.8	
90 Carbazole	167	9.046	9.046	0.000	95	620921	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	705532	50.0	48.9	
92 Fluoranthene	202	10.017	10.017	0.000	98	601564	50.0	48.8	
93 Benzidine	184	10.140	10.140	0.000	100	351870	50.0	51.1	M
94 Pyrene	202	10.240	10.240	0.000	98	631469	50.0	46.3	
95 Bisphenol-A	213	10.287	10.287	0.000	99	234062	50.0	49.5	
$ 96 Terphenyl-d14	244	10.399	10.399	0.000	99	421326	50.0	45.9	
97 Butyl benzyl phthalate	149	10.923	10.923	0.000	98	257022	50.0	47.5	
98 2,3,7,8-TCDD	320	11.040	11.040	0.000	9	329	0.5000	0.5000	
99 Carbamazepine	193	11.046	11.046	0.000	93	197666	50.0	54.3	
100 3,3'-Dichlorobenzidine	252	11.546	11.546	0.000	99	171901	50.0	53.3	
101 Benzo[a]anthracene	228	11.575	11.575	0.000	99	459087	50.0	47.3	
* 102 Chrysene-d12	240	11.587	11.587	0.000	99	296675	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.617	11.617	0.000	91	324723	50.0	47.2	
103 Chrysene	228	11.622	11.622	0.000	99	412694	50.0	48.4	
105 Di-n-octyl phthalate	149	12.464	12.464	0.000	97	578144	50.0	49.5	
106 Benzo[b]fluoranthene	252	12.975	12.975	0.000	98	367324	50.0	47.7	
107 Benzo[k]fluoranthene	252	13.017	13.017	0.000	99	370358	50.0	48.1	
108 Benzo[a]pyrene	252	13.422	13.422	0.000	96	342312	50.0	49.1	
* 109 Perylene-d12	264	13.499	13.499	0.000	97	227768	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.011	15.011	0.000	99	284162	50.0	50.9	M
111 Dibenz(a,h)anthracene	278	15.046	15.046	0.000	96	265389	50.0	51.0	
112 Benzo[g,h,i]perylene	276	15.434	15.434	0.000	96	267936	50.0	49.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

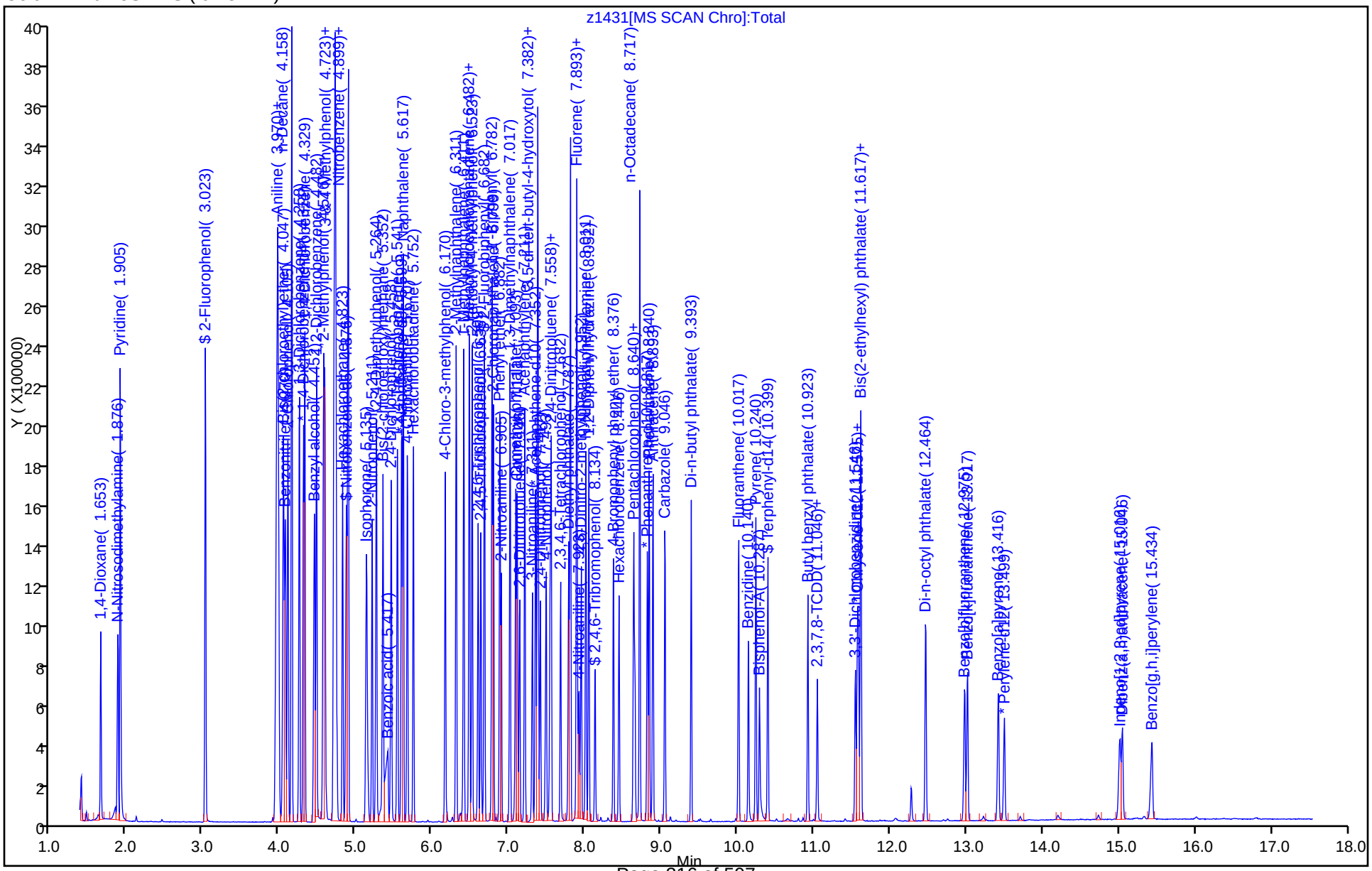
Report Date: 27-May-2015 13:11:43 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D

Injection Date:	26-May-2015 12:46:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



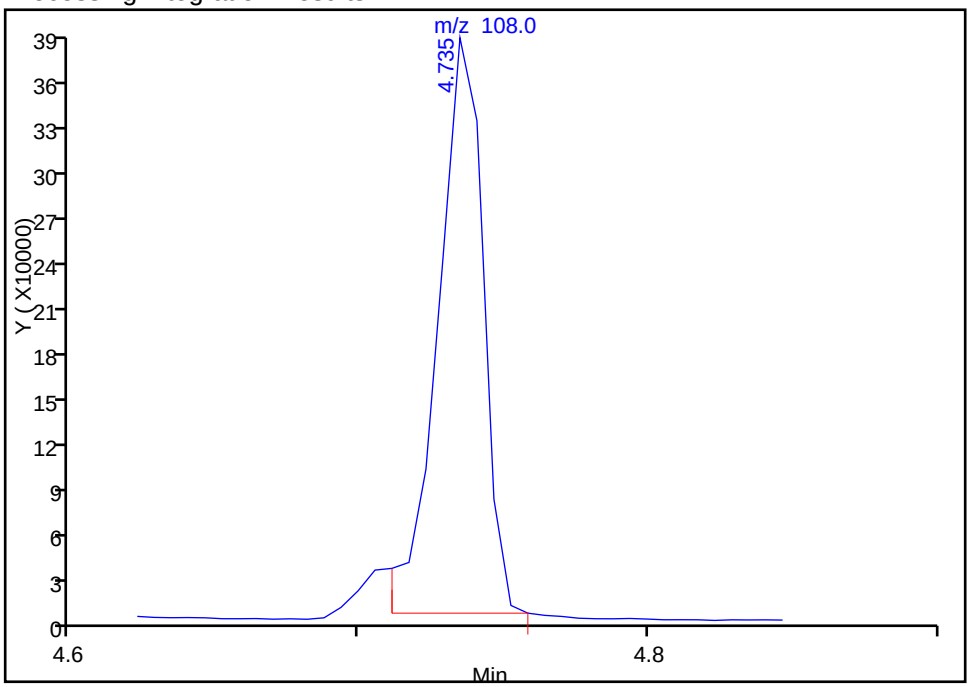
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

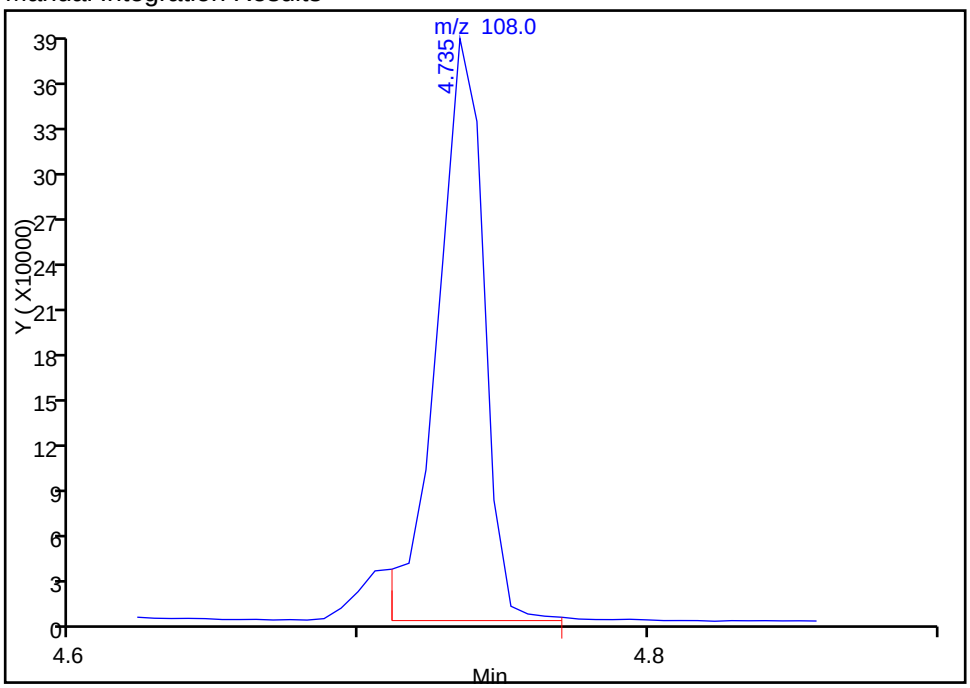
Processing Integration Results

RT: 4.73
Area: 416115
Amount: 48.913539
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 431827
Amount: 41.431405
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:41:06
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

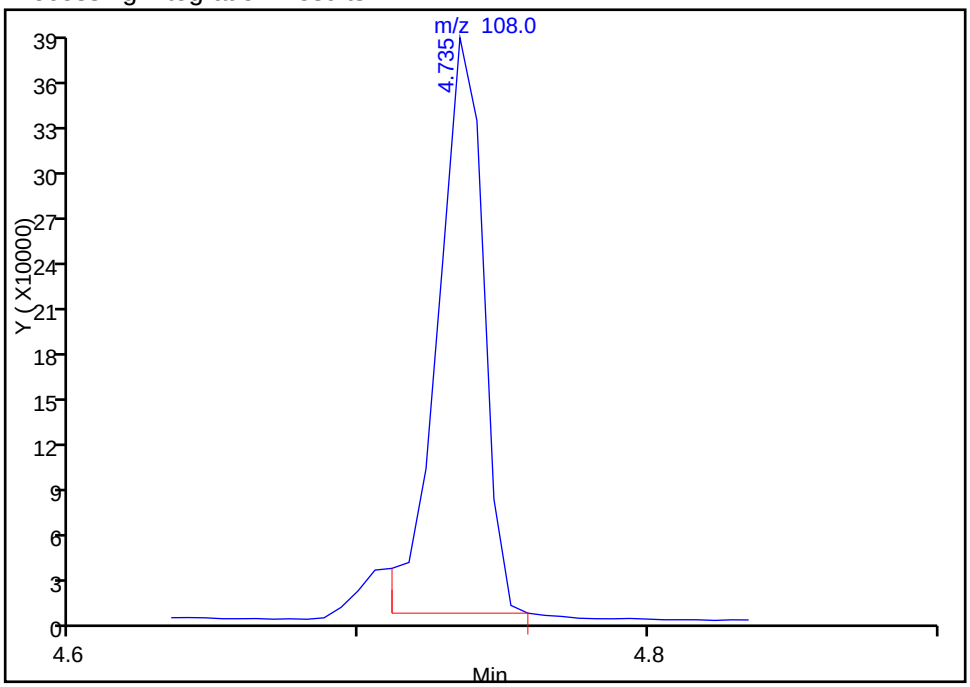
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D
Injection Date: 26-May-2015 12:46:30 Instrument ID: CBNAMS11
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

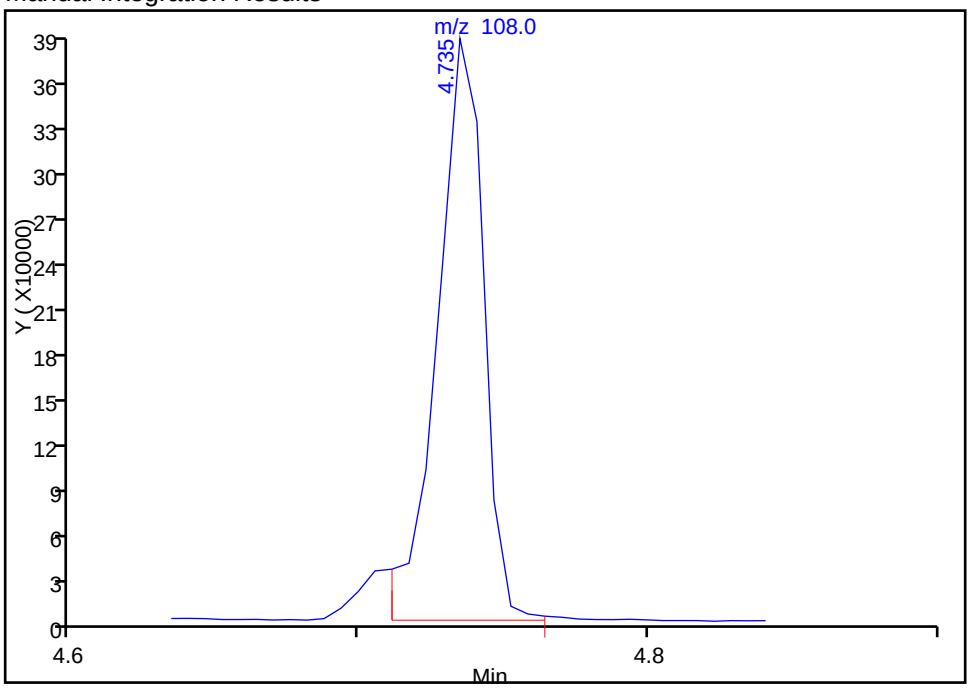
Processing Integration Results

RT: 4.73
Area: 416115
Amount: 48.913539
Amount Units: ug/ml



Manual Integration Results

RT: 4.73
Area: 430123
Amount: 41.514794
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:21:19
Audit Action: Manually Integrated
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

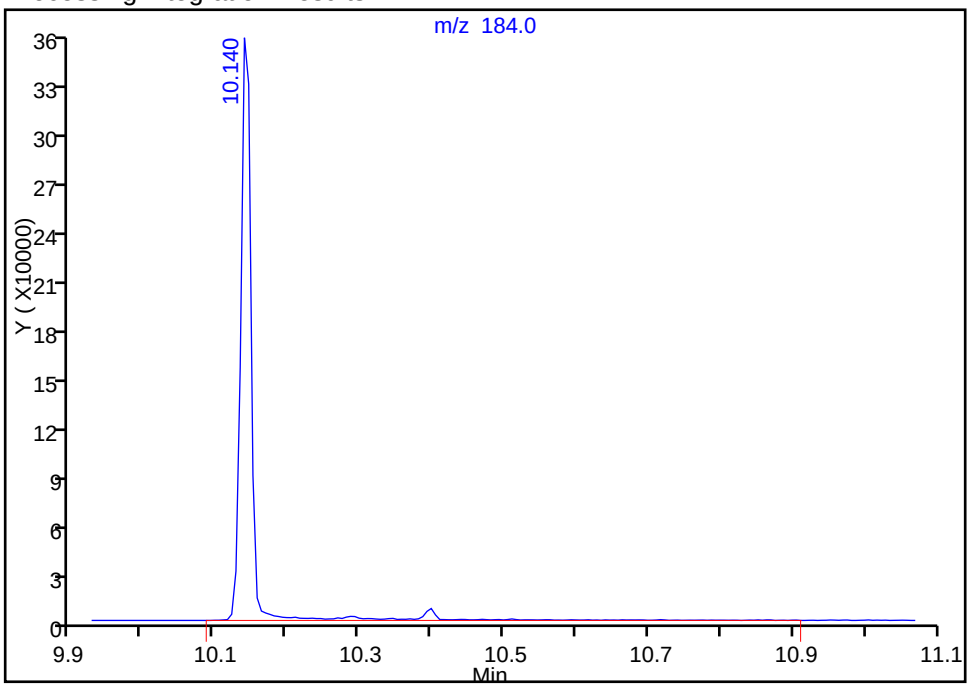
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D				
Injection Date:	26-May-2015 12:46:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

93 Benzidine, CAS: 92-87-5

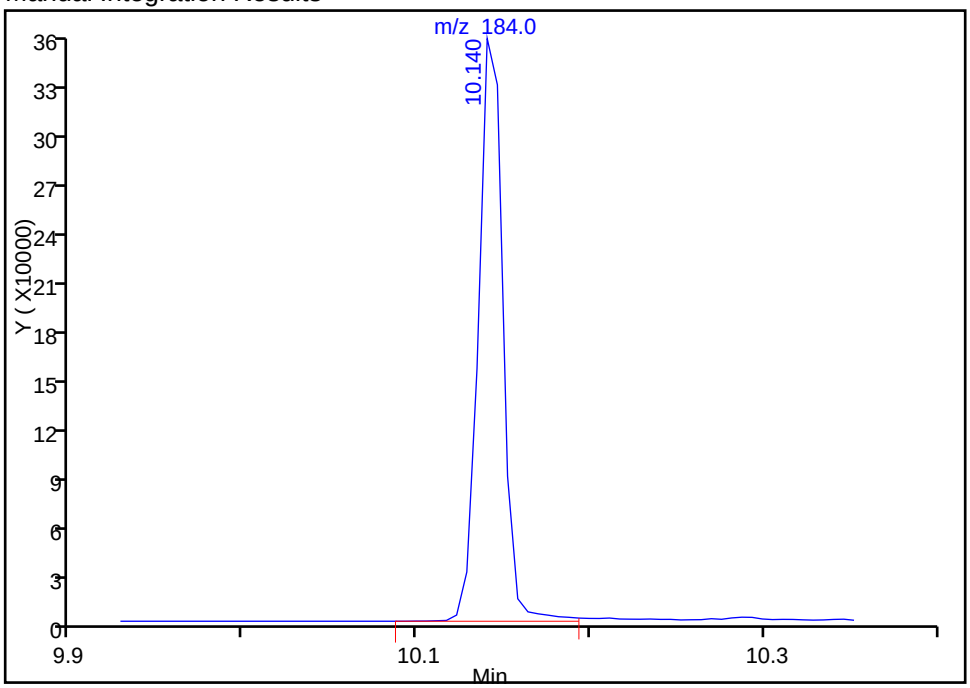
Processing Integration Results

RT: 10.14
Area: 380394
Amount: 52.201004
Amount Units: ug/ml



Manual Integration Results

RT: 10.14
Area: 351870
Amount: 51.076118
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:23:59
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

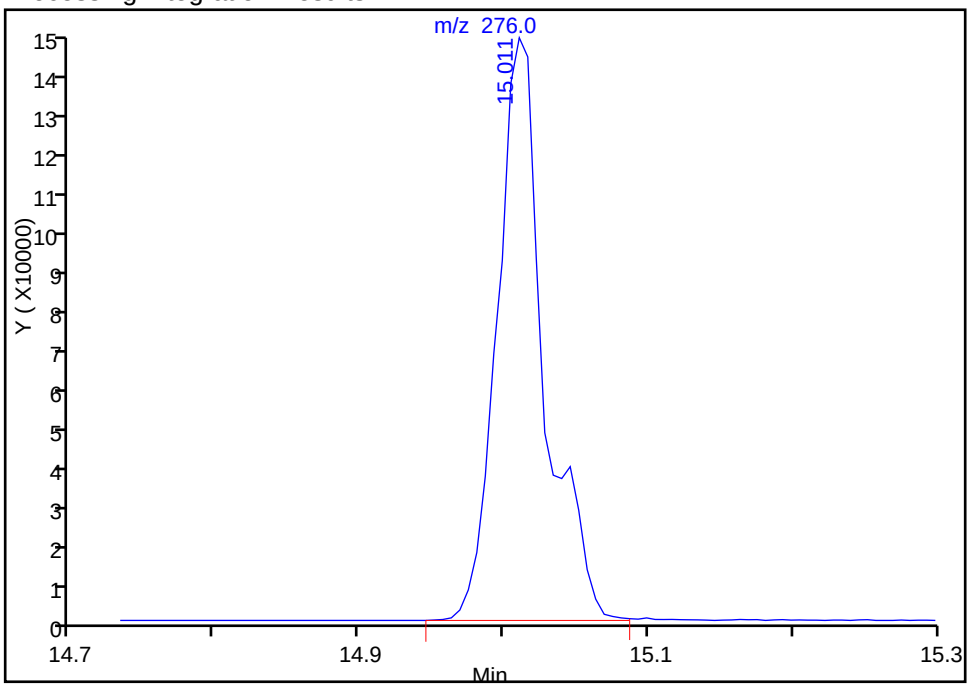
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1431.D				
Injection Date:	26-May-2015 12:46:30	Instrument ID:	CBNAMS11		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

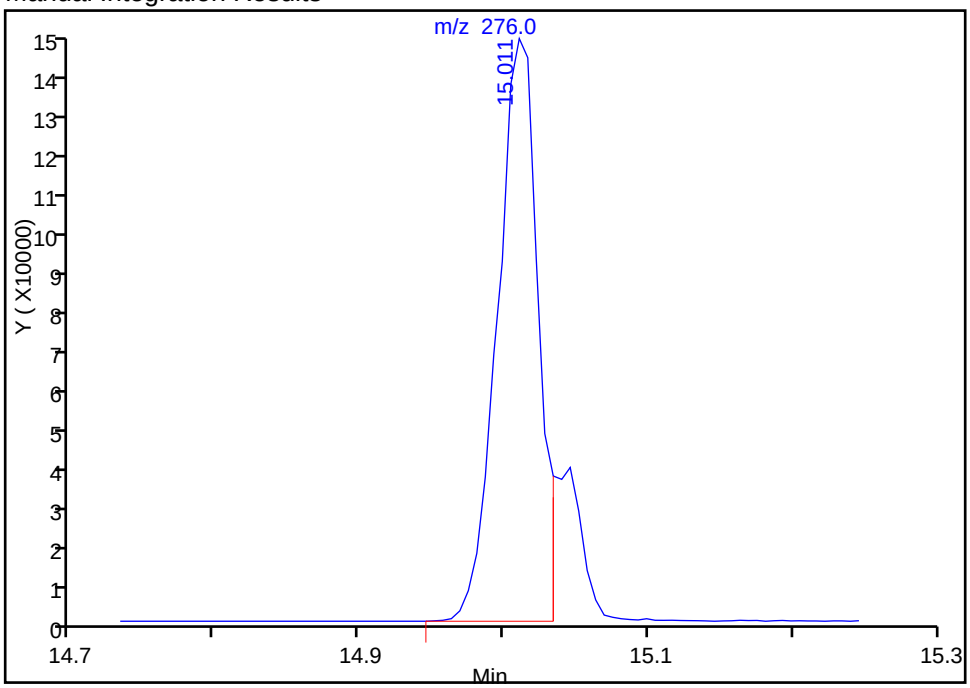
Processing Integration Results

RT: 15.01
Area: 327037
Amount: 50.000000
Amount Units: ug/ml



Manual Integration Results

RT: 15.01
Area: 284162
Amount: 50.896478
Amount Units: ug/ml



Reviewer: zhaoc, 26-May-2015 14:04:54
Audit Action: Split an Integrated Peak
Audit Reason: Other

Report Date: 27-May-2015 13:11:48 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-May-2015 13:35:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:47 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:29:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.641	1.653	-0.012	89	441037	120.0	108.2	
2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	81	748241	120.0	113.2	
3 Pyridine	79	1.900	1.905	-0.005	74	1199448	120.0	112.0	
$ 4 2-Fluorophenol	112	3.029	3.023	0.006	88	1008096	120.0	99.9	
$ 6 Phenol-d5	99	3.976	3.958	0.018	87	1162230	120.0	93.8	
7 Phenol	94	3.994	3.970	0.024	94	1173758	120.0	96.3	
8 Aniline	93	3.999	3.982	0.017	96	1454842	120.0	100.4	
9 Bis(2-chloroethyl)ether	93	4.058	4.047	0.012	91	1070214	120.0	106.0	
10 Benzonitrile	103	4.094	4.070	0.024	0	1863538	NC	NC	
11 2-Chlorophenol	128	4.117	4.105	0.012	91	930762	120.0	103.4	
12 n-Decane	43	4.164	4.158	0.006	93	1696596	120.0	103.2	
13 1,3-Dichlorobenzene	146	4.264	4.258	0.006	89	856643	120.0	98.4	
* 14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	232176	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.335	4.329	0.006	87	841671	120.0	99.9	
16 Benzyl alcohol	108	4.470	4.452	0.018	90	605814	120.0	106.4	
17 1,2-Dichlorobenzene	146	4.488	4.482	0.006	94	755435	120.0	94.1	
18 2-Methylphenol	108	4.582	4.570	0.012	89	786285	120.0	98.8	
19 2,2'-oxybis[1-chloropropan	45	4.599	4.588	0.011	93	2142830	120.0	101.2	
20 N-Methylaniline	106	4.717	4.711	0.006	0	1224322	NC	NC	
22 Acetophenone	105	4.741	4.723	0.018	94	990210	120.0	98.3	
21 N-Nitrosodi-n-propylamine	70	4.776	4.729	0.047	95	590585	120.0	93.5	
23 3 & 4 Methylphenol	108	4.758	4.735	0.023	86	833622	120.0	99.3	M
24 4-Methylphenol	108	4.758	4.735	0.023	90	826592	120.0	99.0	M
25 Hexachloroethane	117	4.829	4.823	0.006	94	369477	120.0	95.1	
$ 26 Nitrobenzene-d5	82	4.888	4.870	0.018	96	974076	120.0	98.9	
27 Nitrobenzene	77	4.911	4.894	0.017	85	1158705	120.0	91.9	
28 n,n'-Dimethylaniline	120	4.911	4.899	0.012	88	1073871	120.0	86.1	
31 Isophorone	82	5.158	5.135	0.023	99	1635064	120.0	107.0	
32 2-Nitrophenol	139	5.223	5.211	0.012	80	442067	120.0	107.1	
33 2,4-Dimethylphenol	122	5.282	5.264	0.018	87	699024	120.0	102.5	
34 Bis(2-chloroethoxy)methane	93	5.364	5.352	0.012	94	997399	120.0	105.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.458	5.417	0.041	91	440994	120.0	114.1	
36 2,4-Dichlorophenol	162	5.476	5.458	0.018	90	548092	120.0	93.3	
37 1,2,4-Trichlorobenzene	180	5.546	5.541	0.005	93	614033	120.0	92.8	
* 38 Naphthalene-d8	136	5.605	5.599	0.006	99	769066	40.0	40.0	
39 Naphthalene	128	5.629	5.617	0.012	99	2051215	120.0	97.2	
40 4-Chloroaniline	127	5.682	5.670	0.012	92	897044	120.0	100.1	
41 Hexachlorobutadiene	225	5.758	5.752	0.006	95	385008	120.0	97.4	
43 4-Chloro-3-methylphenol	107	6.176	6.170	0.006	95	611150	120.0	101.8	
44 2-Methylnaphthalene	142	6.323	6.311	0.012	85	1195302	120.0	96.9	
45 1-Methylnaphthalene	142	6.417	6.411	0.006	94	1110886	120.0	97.8	
46 Hexachlorocyclopentadiene	237	6.488	6.482	0.006	95	401293	120.0	112.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.493	6.488	0.005	96	496464	120.0	97.3	
48 2-tertbutyl-4-methylphenol	149	6.529	6.523	0.006	87	840116	120.0	101.2	
49 2,4,6-Trichlorophenol	196	6.611	6.599	0.012	87	368288	120.0	104.0	
50 2,4,5-Trichlorophenol	196	6.646	6.635	0.011	93	368788	120.0	104.7	
$ 51 2-Fluorobiphenyl	172	6.688	6.682	0.006	98	1306728	120.0	90.9	
52 1,1'-Biphenyl	154	6.793	6.782	0.011	95	1319263	120.0	96.6	
53 2-Chloronaphthalene	162	6.811	6.799	0.012	95	1000171	120.0	95.4	
54 Phenyl ether	170	6.893	6.882	0.011	89	752319	120.0	99.9	
55 2-Nitroaniline	65	6.917	6.905	0.012	93	417066	120.0	90.9	
57 1,3-Dimethylnaphthalene	156	7.029	7.017	0.012	92	811386	120.0	91.9	
58 Dimethyl phthalate	163	7.111	7.093	0.018	97	959409	120.0	101.9	
59 Coumarin	146	7.123	7.111	0.012	77	335034	120.0	103.0	
60 2,6-Dinitrotoluene	165	7.158	7.146	0.012	87	249553	120.0	107.0	
63 Acenaphthylene	152	7.223	7.211	0.012	97	1604480	120.0	100.6	
64 3-Nitroaniline	138	7.329	7.311	0.018	88	312297	120.0	111.4	
* 65 Acenaphthene-d10	164	7.358	7.352	0.006	97	295689	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.387	7.382	0.005	98	917139	120.0	101.4	
67 Acenaphthene	154	7.393	7.387	0.006	94	843597	120.0	122.3	
68 2,4-Dinitrophenol	184	7.435	7.417	0.018	92	318986	240.0	252.7	
69 4-Nitrophenol	65	7.511	7.493	0.018	95	466873	240.0	241.2	
70 2,4-Dinitrotoluene	165	7.558	7.540	0.018	88	277150	120.0	101.3	
71 Dibenzofuran	168	7.570	7.558	0.012	96	1352213	120.0	96.8	
72 2,3,4,6-Tetrachlorophenol	232	7.693	7.682	0.011	94	267806	120.0	111.2	
73 Diethyl phthalate	149	7.799	7.787	0.012	97	961268	120.0	103.5	
75 4-Chlorophenyl phenyl ethe	204	7.899	7.893	0.006	84	450548	120.0	96.7	
74 Fluorene	166	7.905	7.893	0.012	98	930102	120.0	96.8	
76 4-Nitroaniline	138	7.946	7.923	0.023	96	264825	120.0	116.0	
77 4,6-Dinitro-2-methylphenol	198	7.970	7.952	0.018	80	328111	240.0	229.5	
78 N-Nitrosodiphenylamine	169	8.029	8.011	0.018	82	795608	120.0	102.5	
79 1,2-Diphenylhydrazine	77	8.064	8.052	0.012	98	1273408	120.0	100.3	
$ 80 2,4,6-Tribromophenol	330	8.146	8.134	0.012	94	135107	120.0	107.0	
81 4-Bromophenyl phenyl ether	248	8.382	8.376	0.006	81	271860	120.0	100.7	
82 Hexachlorobenzene	284	8.458	8.446	0.012	97	260265	120.0	97.5	
84 Pentachlorophenol	266	8.652	8.640	0.012	91	297903	240.0	243.4	
85 Pentachloronitrobenzene	237	8.664	8.652	0.012	87	102160	120.0	103.1	
86 n-Octadecane	57	8.729	8.717	0.012	90	1219606	120.0	101.1	
* 87 Phenanthrene-d10	188	8.823	8.817	0.006	99	445934	40.0	40.0	
88 Phenanthrene	178	8.852	8.840	0.012	98	1186691	120.0	98.3	
89 Anthracene	178	8.905	8.893	0.012	98	1210866	120.0	96.4	
90 Carbazole	167	9.058	9.046	0.012	96	1104005	120.0	101.8	
91 Di-n-butyl phthalate	149	9.399	9.393	0.006	99	1312439	120.0	104.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.023	10.017	0.006	98	1139695	120.0	106.6	
93 Benzidine	184	10.152	10.140	0.012	100	744523	120.0	124.6	
94 Pyrene	202	10.252	10.240	0.012	98	1132663	120.0	109.3	
95 Bisphenol-A	213	10.299	10.287	0.012	99	455824	120.0	126.8	
$ 96 Terphenyl-d14	244	10.405	10.399	0.006	99	734492	120.0	105.3	
97 Butyl benzyl phthalate	149	10.928	10.923	0.005	99	481099	120.0	116.9	
99 Carbamazepine	193	11.058	11.046	0.012	93	359502	120.0	130.0	
100 3,3'-Dichlorobenzidine	252	11.558	11.546	0.012	99	297402	120.0	121.3	
101 Benzo[a]anthracene	228	11.581	11.575	0.006	98	826051	120.0	111.9	
* 102 Chrysene-d12	240	11.599	11.587	0.012	99	225598	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.622	11.617	0.005	91	584718	120.0	111.9	
103 Chrysene	228	11.634	11.622	0.012	99	698001	120.0	107.7	
105 Di-n-octyl phthalate	149	12.475	12.464	0.011	97	1022806	120.0	117.3	
106 Benzo[b]fluoranthene	252	12.987	12.975	0.012	99	659912	120.0	114.9	
107 Benzo[k]fluoranthene	252	13.028	13.017	0.011	99	627174	120.0	109.0	
108 Benzo[a]pyrene	252	13.428	13.422	0.006	97	586979	120.0	112.8	
* 109 Perylene-d12	264	13.505	13.499	0.006	96	170049	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.028	15.011	0.018	99	504263	120.0	121.0	M
111 Dibenz(a,h)anthracene	278	15.063	15.046	0.017	96	468516	120.0	120.5	
112 Benzo[g,h,i]perylene	276	15.452	15.434	0.018	96	481032	120.0	120.0	
S 119 Total Cresols	1				0			198.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00006 Amount Added: 1.00 Units: mL

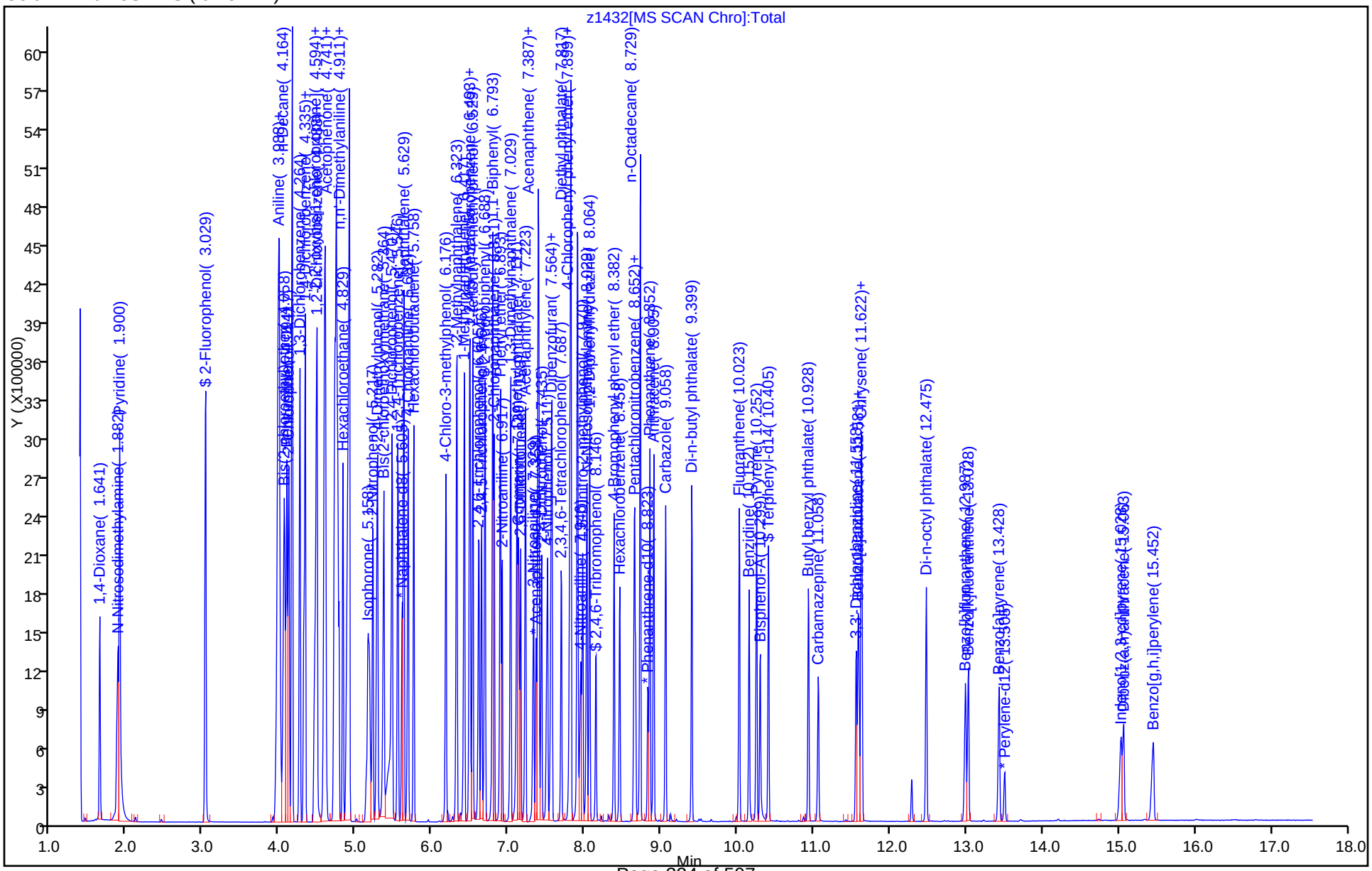
Report Date: 27-May-2015 13:11:48 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D

Injection Date:	26-May-2015 13:35:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

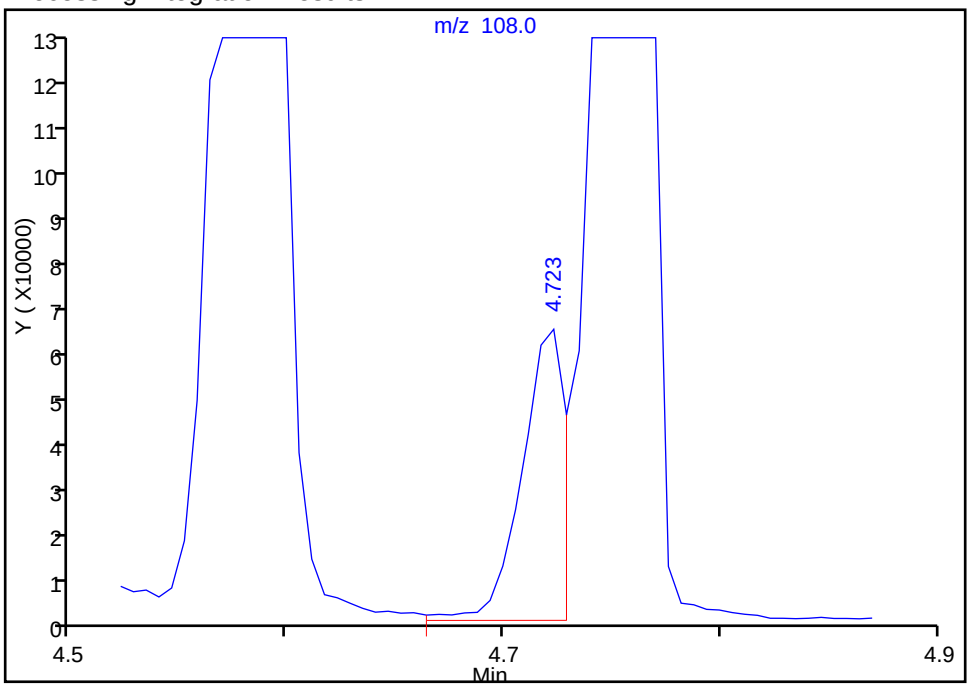
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

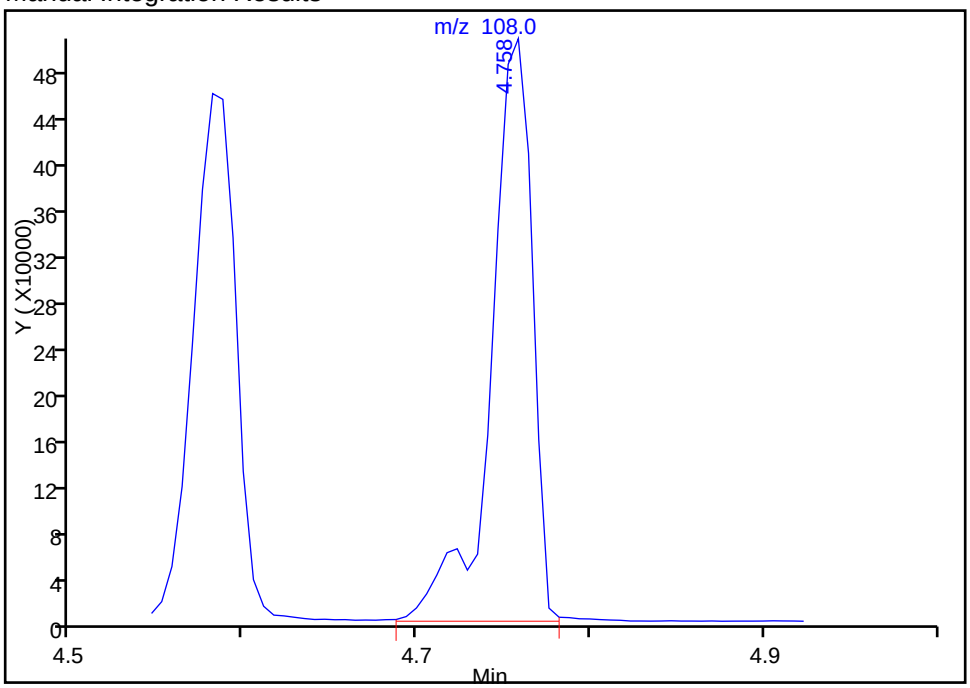
Processing Integration Results

RT: 4.72
Area: 89510
Amount: 12.381538
Amount Units: ug/ml



Manual Integration Results

RT: 4.76
Area: 833622
Amount: 99.279174
Amount Units: ug/ml



Reviewer: bayoumiw, 26-May-2015 19:01:27
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

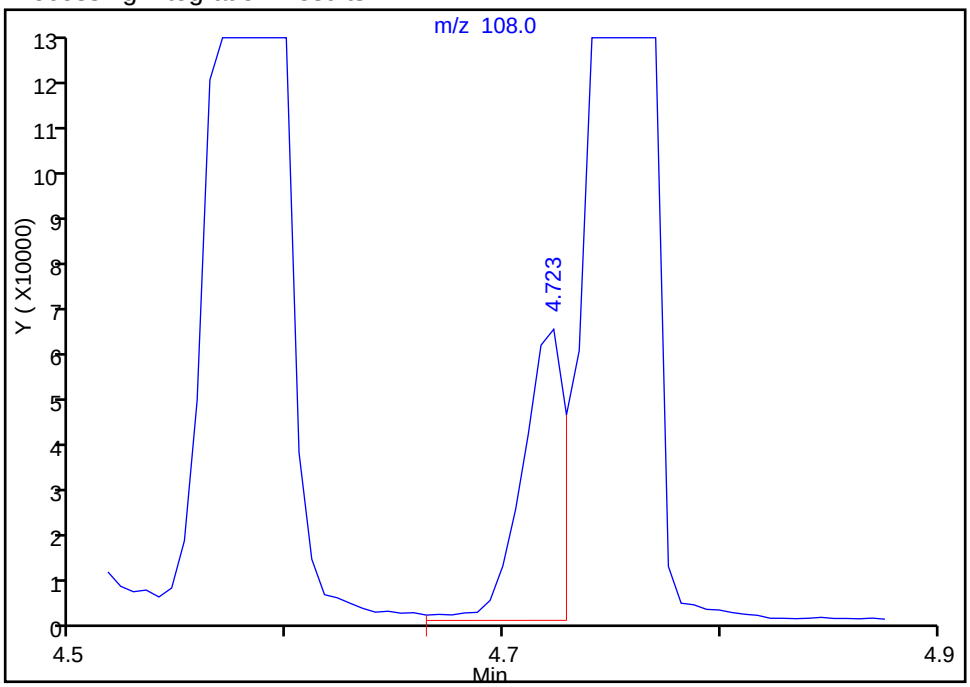
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

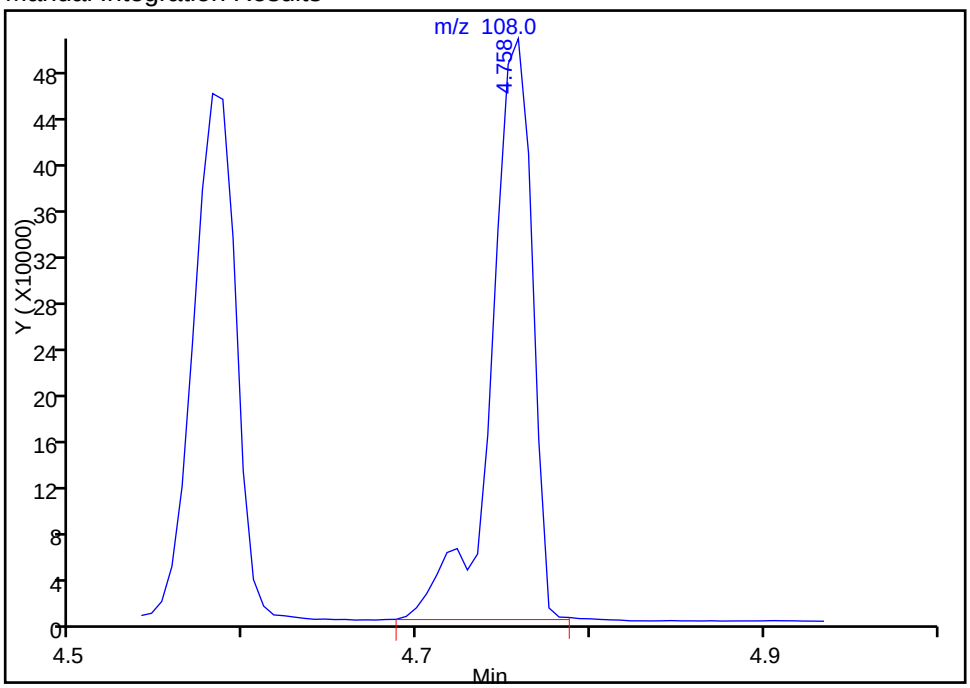
Processing Integration Results

RT: 4.72
Area: 89510
Amount: 12.381538
Amount Units: ug/ml



Manual Integration Results

RT: 4.76
Area: 826592
Amount: 99.030857
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:21:55
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

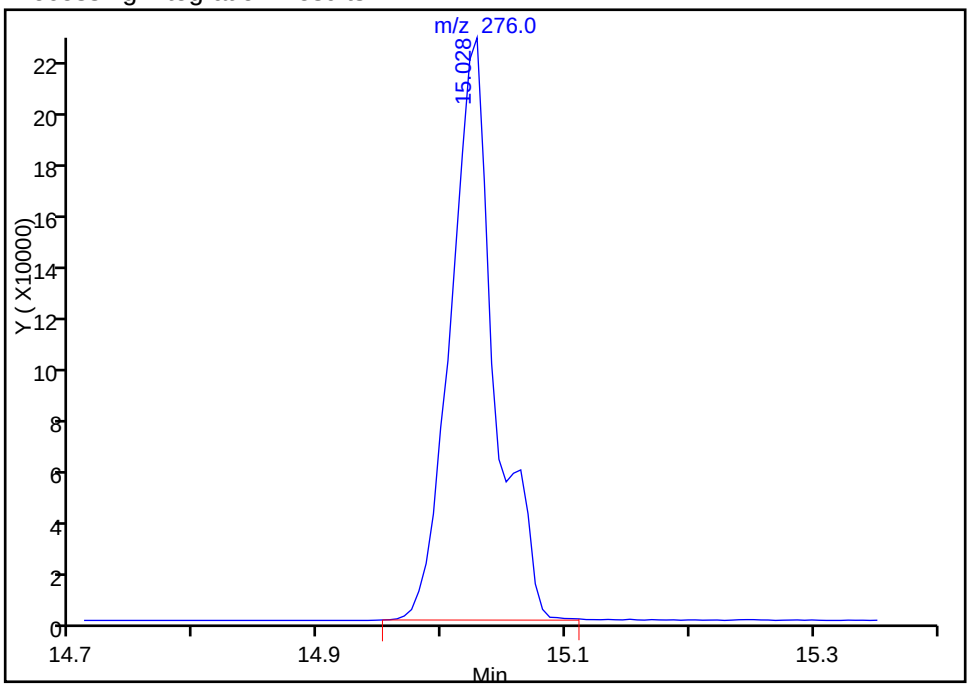
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1432.D
Injection Date: 26-May-2015 13:35:30 Instrument ID: CBNAMS11
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

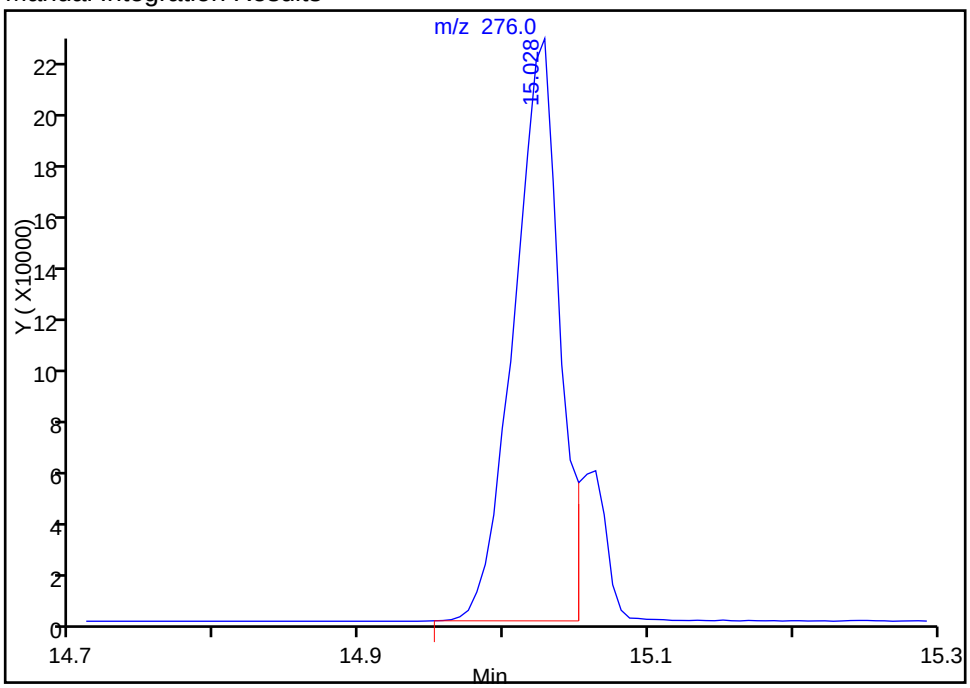
Processing Integration Results

RT: 15.03
Area: 568210
Amount: 120.2029
Amount Units: ug/ml



Manual Integration Results

RT: 15.03
Area: 504263
Amount: 120.9755
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 18:29:49
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Report Date: 27-May-2015 13:11:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-May-2015 13:59:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:50 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:30:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.647	1.653	-0.006	89	333960	80.0	73.9	
2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	80	563290	80.0	76.8	
3 Pyridine	79	1.906	1.905	0.001	74	872574	80.0	73.4	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	89	789295	80.0	70.5	
$ 6 Phenol-d5	99	3.964	3.958	0.006	94	913955	80.0	66.5	
7 Phenol	94	3.982	3.970	0.012	89	912035	80.0	67.4	
8 Aniline	93	3.994	3.982	0.012	96	1117771	80.0	69.6	
9 Bis(2-chloroethyl)ether	93	4.052	4.047	0.006	92	762125	80.0	68.0	
10 Benzonitrile	103	4.082	4.070	0.012	0	1414901	NC	NC	
11 2-Chlorophenol	128	4.111	4.105	0.006	89	705212	80.0	70.6	
12 n-Decane	43	4.158	4.158	0.000	93	1318000	80.0	72.2	
13 1,3-Dichlorobenzene	146	4.258	4.258	0.000	89	664081	80.0	68.7	
* 14 1,4-Dichlorobenzene-d4	152	4.311	4.311	0.000	97	257618	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.329	4.329	0.000	88	651949	80.0	69.8	
16 Benzyl alcohol	108	4.464	4.452	0.012	90	477485	80.0	75.6	
17 1,2-Dichlorobenzene	146	4.482	4.482	0.000	90	602852	80.0	67.7	
18 2-Methylphenol	108	4.582	4.570	0.012	87	605586	80.0	68.6	
19 2,2'-oxybis[1-chloropropan	45	4.594	4.588	0.006	93	1674405	80.0	71.3	
20 N-Methylaniline	106	4.717	4.711	0.006	0	935159	NC	NC	
22 Acetophenone	105	4.729	4.723	0.006	93	740220	80.0	66.2	
21 N-Nitrosodi-n-propylamine	70	4.735	4.729	0.006	94	438891	80.0	62.6	
23 3 & 4 Methylphenol	108	4.747	4.735	0.012	87	625664	80.0	67.2	M
24 4-Methylphenol	108	4.747	4.735	0.012	90	622912	80.0	67.3	M
25 Hexachloroethane	117	4.823	4.823	0.000	95	290256	80.0	67.3	
$ 26 Nitrobenzene-d5	82	4.882	4.870	0.012	96	756016	80.0	68.9	
27 Nitrobenzene	77	4.905	4.894	0.011	81	896662	80.0	63.9	
28 n,n'-Dimethylaniline	120	4.905	4.899	0.006	81	813446	80.0	58.8	
31 Isophorone	82	5.147	5.135	0.012	98	1210059	80.0	71.1	
32 2-Nitrophenol	139	5.217	5.211	0.006	79	339401	80.0	73.9	
33 2,4-Dimethylphenol	122	5.276	5.264	0.012	88	536523	80.0	70.7	
34 Bis(2-chloroethoxy)methane	93	5.358	5.352	0.006	95	757435	80.0	71.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.441	5.417	0.024	88	350960	80.0	82.4	
36 2,4-Dichlorophenol	162	5.464	5.458	0.006	89	431976	80.0	66.1	
37 1,2,4-Trichlorobenzene	180	5.547	5.541	0.005	93	478995	80.0	65.0	
* 38 Naphthalene-d8	136	5.599	5.599	0.000	99	856412	40.0	40.0	
39 Naphthalene	128	5.623	5.617	0.006	98	1602904	80.0	68.2	
40 4-Chloroaniline	127	5.676	5.670	0.006	93	686991	80.0	68.8	
41 Hexachlorobutadiene	225	5.752	5.752	0.000	95	299033	80.0	67.9	
43 4-Chloro-3-methylphenol	107	6.176	6.170	0.006	96	473217	80.0	70.8	
44 2-Methylnaphthalene	142	6.317	6.311	0.006	83	912564	80.0	66.4	
45 1-Methylnaphthalene	142	6.417	6.411	0.006	94	847017	80.0	67.0	
46 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	96	286685	80.0	73.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.494	6.488	0.006	96	381647	80.0	67.8	
48 2-tertbutyl-4-methylphenol	149	6.529	6.523	0.006	87	627562	80.0	67.9	
49 2,4,6-Trichlorophenol	196	6.605	6.599	0.006	86	279443	80.0	71.5	
50 2,4,5-Trichlorophenol	196	6.641	6.635	0.006	93	275296	80.0	70.8	
$ 51 2-Fluorobiphenyl	172	6.688	6.682	0.006	98	1010778	80.0	63.7	
52 1,1'-Biphenyl	154	6.788	6.782	0.006	96	987400	80.0	65.5	
53 2-Chloronaphthalene	162	6.805	6.799	0.006	95	779235	80.0	67.3	
54 Phenyl ether	170	6.888	6.882	0.006	90	569737	80.0	68.6	
55 2-Nitroaniline	65	6.905	6.905	0.000	93	391291	80.0	77.2	
57 1,3-Dimethylnaphthalene	156	7.023	7.017	0.006	93	629863	80.0	64.6	
58 Dimethyl phthalate	163	7.099	7.093	0.006	96	731867	80.0	70.4	
59 Coumarin	146	7.111	7.111	0.000	75	250901	80.0	69.3	
60 2,6-Dinitrotoluene	165	7.152	7.146	0.006	88	189776	80.0	73.7	
63 Acenaphthylene	152	7.217	7.211	0.006	97	1215785	80.0	69.1	
64 3-Nitroaniline	138	7.317	7.311	0.006	90	233493	80.0	75.5	
* 65 Acenaphthene-d10	164	7.352	7.352	0.000	97	326376	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.382	7.382	0.000	97	686652	80.0	68.8	
67 Acenaphthene	154	7.393	7.387	0.006	95	644302	80.0	75.7	
68 2,4-Dinitrophenol	184	7.423	7.417	0.006	92	235129	160.0	169.6	
69 4-Nitrophenol	65	7.499	7.493	0.006	96	352220	160.0	164.8	
70 2,4-Dinitrotoluene	165	7.546	7.540	0.006	91	215787	80.0	71.5	
71 Dibenzofuran	168	7.564	7.558	0.006	98	1043323	80.0	67.7	
72 2,3,4,6-Tetrachlorophenol	232	7.688	7.682	0.006	94	196850	80.0	74.0	
73 Diethyl phthalate	149	7.793	7.787	0.006	97	755185	80.0	73.7	
75 4-Chlorophenyl phenyl ethe	204	7.893	7.893	0.000	82	341747	80.0	66.5	
74 Fluorene	166	7.899	7.893	0.006	98	707168	80.0	66.7	
76 4-Nitroaniline	138	7.929	7.923	0.006	96	202679	80.0	80.5	
77 4,6-Dinitro-2-methylphenol	198	7.964	7.952	0.012	74	243637	160.0	159.1	
78 N-Nitrosodiphenylamine	169	8.017	8.011	0.006	69	583366	80.0	70.0	
79 1,2-Diphenylhydrazine	77	8.052	8.052	0.000	99	986522	80.0	72.4	
$ 80 2,4,6-Tribromophenol	330	8.140	8.134	0.006	94	104798	80.0	75.2	
81 4-Bromophenyl phenyl ether	248	8.376	8.376	0.000	81	207435	80.0	71.6	
82 Hexachlorobenzene	284	8.452	8.446	0.006	98	197718	80.0	69.0	
84 Pentachlorophenol	266	8.640	8.640	0.000	91	224111	160.0	170.5	
85 Pentachloronitrobenzene	237	8.658	8.652	0.006	87	74128	80.0	69.7	
86 n-Octadecane	57	8.723	8.717	0.006	90	943572	80.0	72.9	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	478974	40.0	40.0	
88 Phenanthrene	178	8.846	8.840	0.006	98	927036	80.0	71.5	
89 Anthracene	178	8.893	8.893	0.000	98	952016	80.0	70.6	
90 Carbazole	167	9.052	9.046	0.006	96	855268	80.0	73.4	
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	1012015	80.0	75.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.017	10.017	0.000	98	866951	80.0	75.5	
93 Benzidine	184	10.146	10.140	0.006	100	530538	80.0	82.7	
94 Pyrene	202	10.240	10.240	0.000	98	882016	80.0	73.4	
95 Bisphenol-A	213	10.287	10.287	0.000	98	339720	80.0	81.5	
$ 96 Terphenyl-d14	244	10.399	10.399	0.000	99	581753	80.0	71.9	
97 Butyl benzyl phthalate	149	10.923	10.923	0.000	98	369386	80.0	77.4	
99 Carbamazepine	193	11.052	11.046	0.006	93	273995	80.0	85.4	
100 3,3'-Dichlorobenzidine	252	11.546	11.546	0.000	99	214881	80.0	75.6	
101 Benzo[a]anthracene	228	11.576	11.575	0.001	99	651374	80.0	76.1	
* 102 Chrysene-d12	240	11.587	11.587	0.000	98	261579	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	92	452479	80.0	74.7	
103 Chrysene	228	11.623	11.622	0.001	99	553637	80.0	73.7	
105 Di-n-octyl phthalate	149	12.470	12.464	0.006	97	810601	80.0	78.4	
106 Benzo[b]fluoranthene	252	12.981	12.975	0.006	99	544078	80.0	79.9	
107 Benzo[k]fluoranthene	252	13.017	13.017	0.000	99	500313	80.0	73.4	
108 Benzo[a]pyrene	252	13.422	13.422	0.000	96	471473	80.0	76.5	
* 109 Perylene-d12	264	13.499	13.499	0.000	97	201547	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.016	15.011	0.006	99	392978	80.0	79.5	
111 Dibenz(a,h)anthracene	278	15.052	15.046	0.006	97	371077	80.0	80.5	
112 Benzo[g,h,i]perylene	276	15.434	15.434	0.000	96	372986	80.0	78.5	
S 119 Total Cresols	1				0			135.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L7_00006 Amount Added: 1.00 Units: mL

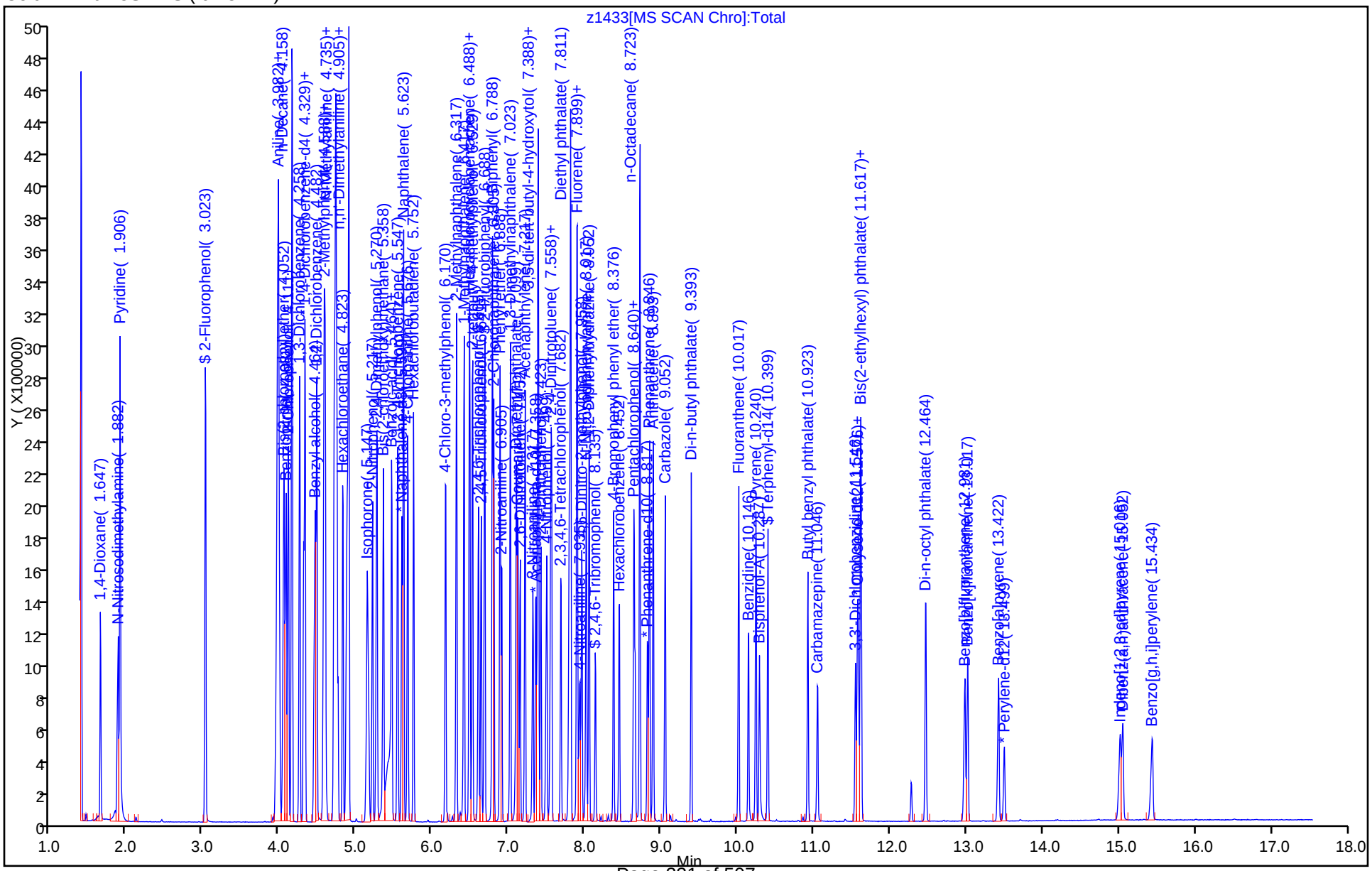
Report Date: 27-May-2015 13:11:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D

Injection Date:	26-May-2015 13:59:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

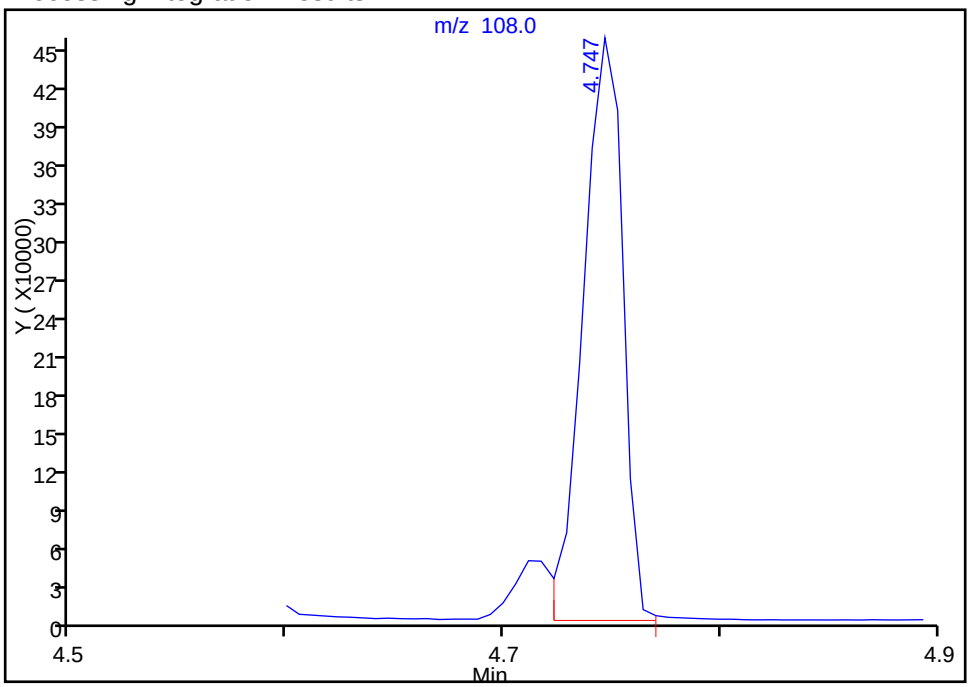
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Injection Date: 26-May-2015 13:59:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

23 3 & 4 Methylphenol, CAS: 15831-10-4

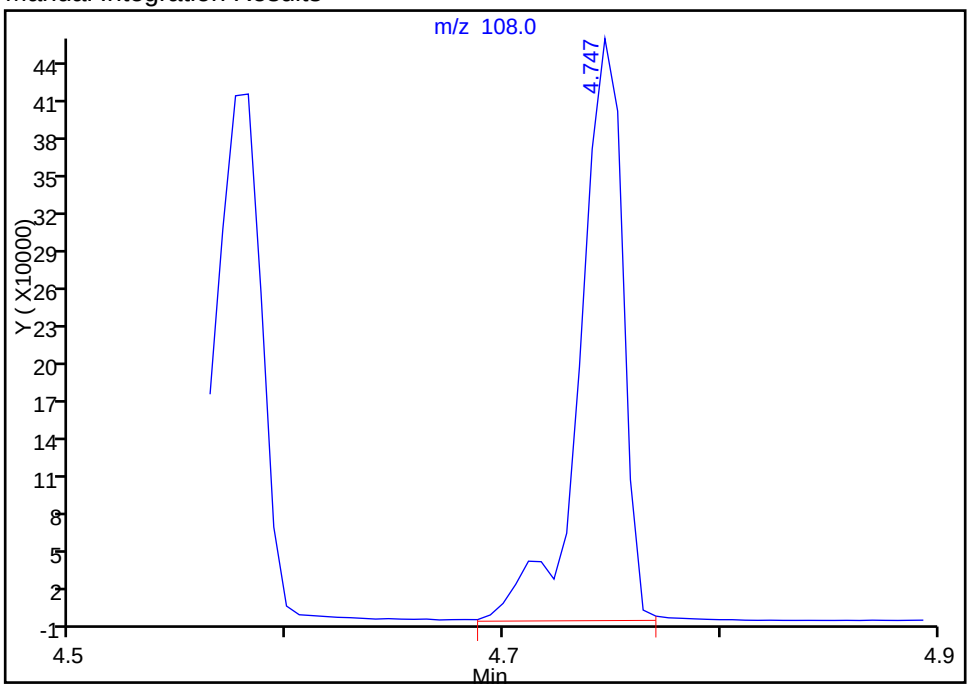
Processing Integration Results

RT: 4.75
Area: 576797
Amount: 78.547421
Amount Units: ug/ml



Manual Integration Results

RT: 4.75
Area: 625664
Amount: 67.153906
Amount Units: ug/ml



Reviewer: bayoumiw, 26-May-2015 19:01:05
Audit Action: Manually Integrated
Audit Reason: Baseline

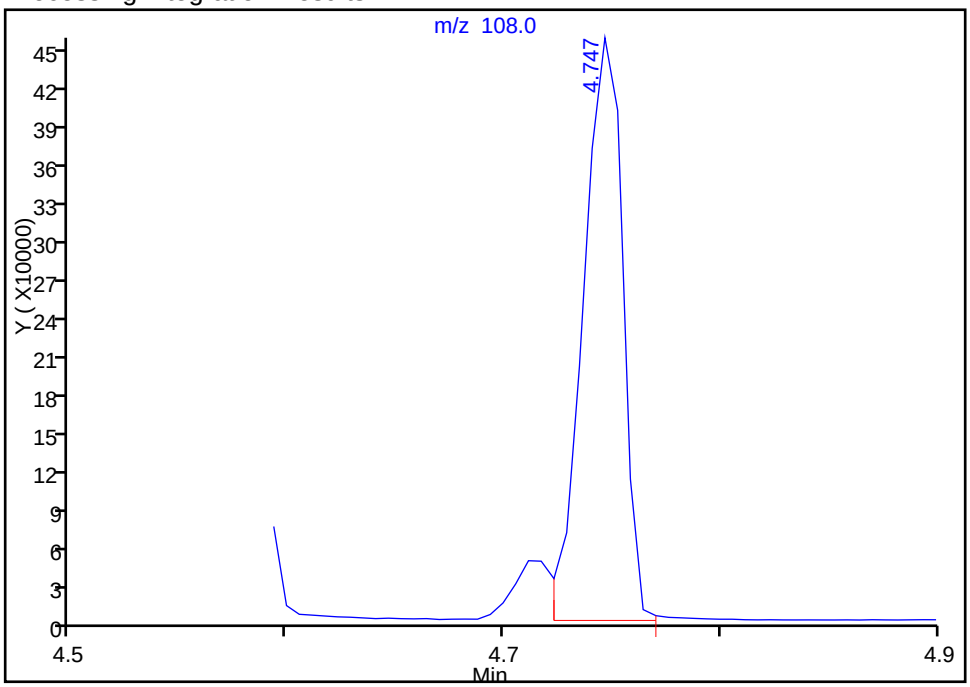
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1433.D
Injection Date: 26-May-2015 13:59:30 Instrument ID: CBNAMS11
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

24 4-Methylphenol, CAS: 106-44-5

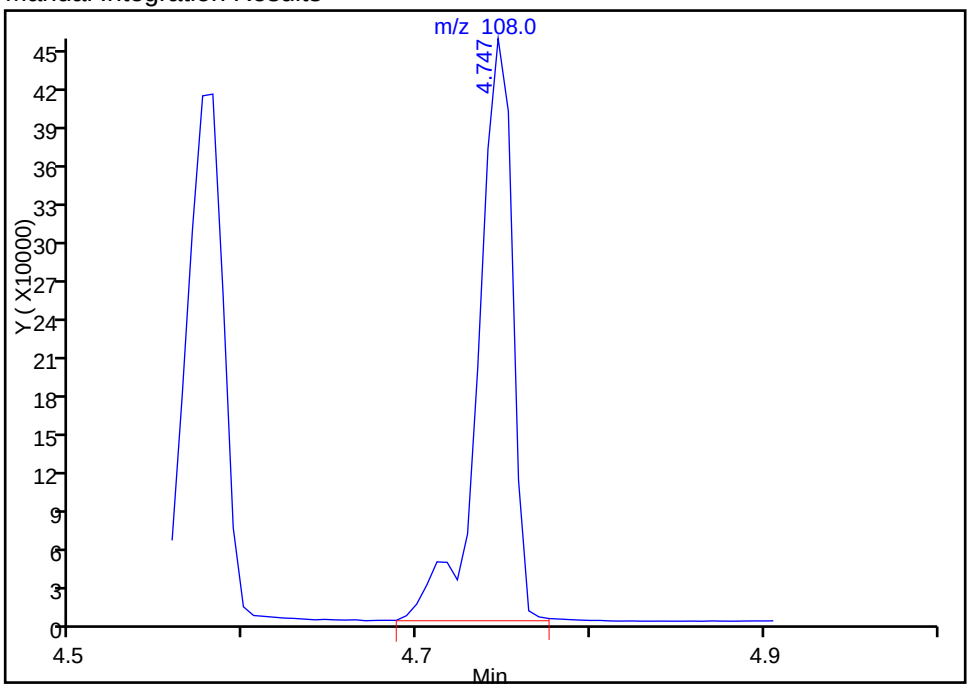
Processing Integration Results

RT: 4.75
Area: 576797
Amount: 77.231842
Amount Units: ug/ml



Manual Integration Results

RT: 4.75
Area: 622912
Amount: 67.258497
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:26:12
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1434.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-May-2015 14:22:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:53 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:32:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.664	1.653	0.011	93	115377	20.0	21.5	
	2 N-Nitrosodimethylamine	74	1.882	1.876	0.006	82	175876	20.0	20.2	
	3 Pyridine	79	1.917	1.905	0.012	78	289736	20.0	20.5	
$	4 2-Fluorophenol	112	3.023	3.023	0.000	91	279441	20.0	21.0	
$	6 Phenol-d5	99	3.946	3.958	-0.012	93	327737	20.0	20.1	
	7 Phenol	94	3.958	3.970	-0.012	98	362066	20.0	22.5	
	8 Aniline	93	3.976	3.982	-0.006	99	405265	20.0	21.2	
	9 Bis(2-chloroethyl)ether	93	4.035	4.047	-0.011	94	263390	20.0	19.8	
	10 Benzonitrile	103	4.058	4.070	-0.012	0	485811	NC	NC	
	11 2-Chlorophenol	128	4.099	4.105	-0.006	91	249536	20.0	21.0	
	12 n-Decane	43	4.152	4.158	-0.006	93	462413	20.0	21.3	
	13 1,3-Dichlorobenzene	146	4.252	4.258	-0.006	92	252345	20.0	22.0	
*	14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	305883	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	91	239067	20.0	21.5	
	16 Benzyl alcohol	108	4.446	4.452	-0.006	92	157916	20.0	21.1	
	17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	233228	20.0	22.0	
	18 2-Methylphenol	108	4.564	4.570	-0.006	92	226161	20.0	21.6	
	19 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	93	585517	20.0	21.0	
	20 N-Methylaniline	106	4.705	4.711	-0.006	0	328081	NC	NC	
	22 Acetophenone	105	4.711	4.723	-0.012	93	271911	20.0	20.5	
	21 N-Nitrosodi-n-propylamine	70	4.717	4.729	-0.012	95	146020	20.0	17.5	
	23 3 & 4 Methylphenol	108	4.723	4.735	-0.012	90	234149	20.0	21.2	
	24 4-Methylphenol	108	4.723	4.735	-0.012	87	234149	20.0	21.3	
	25 Hexachloroethane	117	4.823	4.823	0.000	94	101883	20.0	19.9	
$	26 Nitrobenzene-d5	82	4.864	4.870	-0.006	95	249106	20.0	19.4	
	27 Nitrobenzene	77	4.887	4.894	-0.007	85	316397	20.0	19.3	
	28 n,n'-Dimethylaniline	120	4.893	4.899	-0.006	94	316520	20.0	19.3	
	31 Isophorone	82	5.123	5.135	-0.012	98	398040	20.0	20.0	
	32 2-Nitrophenol	139	5.205	5.211	-0.006	83	115510	20.0	21.5	
	33 2,4-Dimethylphenol	122	5.258	5.264	-0.006	88	189382	20.0	21.3	
	34 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	95	253619	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.370	5.417	-0.047	89	88142	20.0	20.0	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	91	157876	20.0	20.6	
37 1,2,4-Trichlorobenzene	180	5.540	5.541	-0.001	94	177163	20.0	20.6	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	1001597	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	595030	20.0	21.6	
40 4-Chloroaniline	127	5.670	5.670	0.000	94	249868	20.0	21.4	
41 Hexachlorobutadiene	225	5.752	5.752	0.000	96	105013	20.0	20.4	
43 4-Chloro-3-methylphenol	107	6.164	6.170	-0.006	97	165690	20.0	21.2	
44 2-Methylnaphthalene	142	6.311	6.311	0.000	86	348946	20.0	21.7	
45 1-Methylnaphthalene	142	6.411	6.411	0.000	94	316465	20.0	21.4	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	94	100547	20.0	21.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.481	6.488	-0.007	95	142548	20.0	21.4	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	229362	20.0	21.2	
49 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	88	95934	20.0	20.7	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	94	98887	20.0	21.5	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	371738	20.0	19.8	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	391220	20.0	21.9	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	96	297880	20.0	21.7	
54 Phenyl ether	170	6.881	6.882	-0.001	91	207874	20.0	21.1	
55 2-Nitroaniline	65	6.893	6.905	-0.012	93	124977	20.0	20.8	
57 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	94	254274	20.0	22.0	
58 Dimethyl phthalate	163	7.081	7.093	-0.012	98	257673	20.0	21.0	
59 Coumarin	146	7.099	7.111	-0.012	78	88556	20.0	20.9	
60 2,6-Dinitrotoluene	165	7.140	7.146	-0.006	91	63342	20.0	20.7	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	445454	20.0	21.4	
64 3-Nitroaniline	138	7.305	7.311	-0.006	91	75110	20.0	20.5	
* 65 Acenaphthene-d10	164	7.352	7.352	0.000	98	386222	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.376	7.382	-0.006	97	244748	20.0	20.7	
67 Acenaphthene	154	7.381	7.387	-0.006	94	256730	20.0	22.8	
68 2,4-Dinitrophenol	184	7.405	7.417	-0.012	91	61347	40.0	39.4	
69 4-Nitrophenol	65	7.481	7.493	-0.012	94	101464	40.0	40.1	
70 2,4-Dinitrotoluene	165	7.534	7.540	-0.006	92	74287	20.0	20.8	
71 Dibenzofuran	168	7.552	7.558	-0.006	97	389637	20.0	21.4	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	92	66372	20.0	21.1	
73 Diethyl phthalate	149	7.781	7.787	-0.006	97	255968	20.0	21.1	
75 4-Chlorophenyl phenyl ethe	204	7.887	7.893	-0.006	81	126400	20.0	20.8	
74 Fluorene	166	7.887	7.893	-0.006	96	269760	20.0	21.5	
76 4-Nitroaniline	138	7.905	7.923	-0.018	97	59892	20.0	20.1	
77 4,6-Dinitro-2-methylphenol	198	7.940	7.952	-0.012	77	72388	40.0	42.2	
78 N-Nitrosodiphenylamine	169	8.005	8.011	-0.006	68	196836	20.0	20.5	
79 1,2-Diphenylhydrazine	77	8.046	8.052	-0.006	99	329197	20.0	21.0	
$ 80 2,4,6-Tribromophenol	330	8.128	8.134	-0.006	92	34307	20.0	20.8	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	82	71914	20.0	21.6	
82 Hexachlorobenzene	284	8.446	8.446	0.000	98	67225	20.0	20.4	
84 Pentachlorophenol	266	8.634	8.640	-0.006	92	67388	40.0	44.6	
85 Pentachloronitrobenzene	237	8.652	8.652	0.000	88	27420	20.0	22.4	
86 n-Octadecane	57	8.717	8.717	0.000	91	312718	20.0	21.0	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	550730	40.0	40.0	
88 Phenanthrene	178	8.840	8.840	0.000	98	315028	20.0	21.1	
89 Anthracene	178	8.887	8.893	-0.006	98	336582	20.0	21.7	
90 Carbazole	167	9.046	9.046	0.000	95	281389	20.0	21.0	
91 Di-n-butyl phthalate	149	9.393	9.393	0.000	100	328478	20.0	21.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	277975	20.0	21.0	
93 Benzidine	184	10.140	10.140	0.000	100	155738	20.0	21.1	
94 Pyrene	202	10.234	10.240	-0.006	98	274731	20.0	20.7	
95 Bisphenol-A	213	10.281	10.287	-0.006	99	92725	20.0	20.1	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	175620	20.0	19.6	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.007	98	106735	20.0	20.2	
99 Carbamazepine	193	11.034	11.046	-0.012	93	71717	20.0	20.2	
100 3,3'-Dichlorobenzidine	252	11.540	11.546	-0.006	99	65062	20.0	20.7	
101 Benzo[a]anthracene	228	11.569	11.575	-0.006	99	187151	20.0	19.8	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	289300	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	86	136675	20.0	20.4	
103 Chrysene	228	11.611	11.622	-0.011	99	169825	20.0	20.4	
105 Di-n-octyl phthalate	149	12.463	12.464	-0.001	97	225253	20.0	20.5	
106 Benzo[b]fluoranthene	252	12.969	12.975	-0.006	98	142637	20.0	19.7	
107 Benzo[k]fluoranthene	252	13.005	13.017	-0.012	99	143232	20.0	19.8	
108 Benzo[a]pyrene	252	13.410	13.422	-0.012	96	133605	20.0	20.4	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	214097	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.999	15.011	-0.011	98	103925	20.0	19.8	
111 Dibenz(a,h)anthracene	278	15.034	15.046	-0.012	96	104090	20.0	21.3	
112 Benzo[g,h,i]perylene	276	15.416	15.434	-0.018	96	103459	20.0	20.5	
S 119 Total Cresols	1				0			42.7	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00006 Amount Added: 1.00 Units: mL

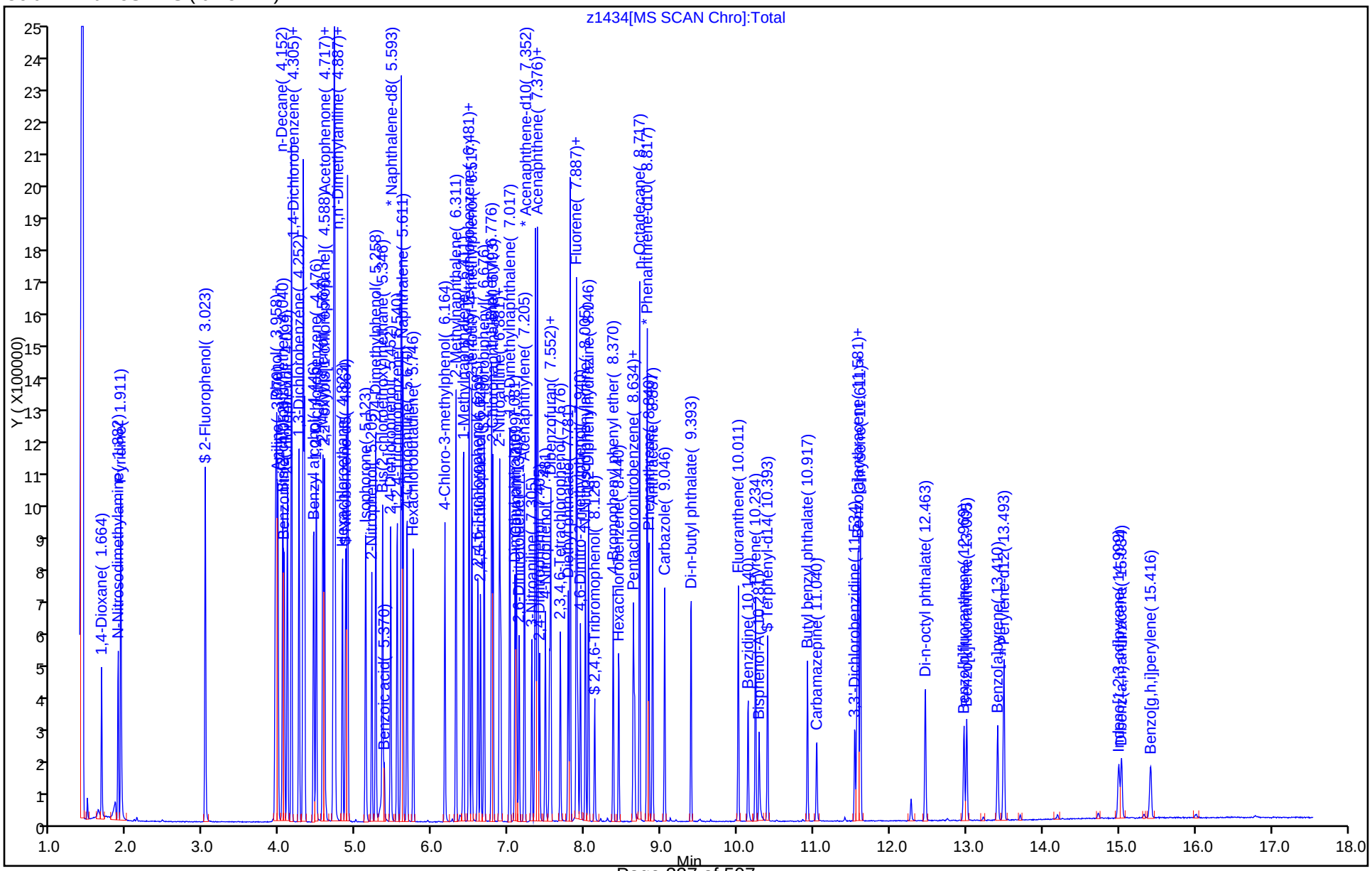
Report Date: 27-May-2015 13:11:54 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1434.D

Injection Date:	26-May-2015 14:22:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1435.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-May-2015 14:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:56 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:33:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.659	1.653	0.006	91	51750	10.0	10.5	
2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	83	83026	10.0	10.4	
3 Pyridine	79	1.911	1.905	0.006	79	143614	10.0	11.1	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	92	138149	10.0	11.3	
$ 6 Phenol-d5	99	3.935	3.958	-0.023	85	165129	10.0	11.0	
7 Phenol	94	3.952	3.970	-0.018	99	168840	10.0	11.5	
8 Aniline	93	3.970	3.982	-0.012	98	200991	10.0	11.5	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	126719	10.0	10.4	
10 Benzonitrile	103	4.047	4.070	-0.023	0	246232	NC	NC	
11 2-Chlorophenol	128	4.094	4.105	-0.011	90	121454	10.0	11.2	
12 n-Decane	43	4.152	4.158	-0.006	93	216119	10.0	10.9	
13 1,3-Dichlorobenzene	146	4.247	4.258	-0.011	90	118614	10.0	11.3	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	280560	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	92	114658	10.0	11.3	
16 Benzyl alcohol	108	4.441	4.452	-0.011	92	76666	10.0	11.1	
17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	112739	10.0	11.6	
18 2-Methylphenol	108	4.558	4.570	-0.012	91	111914	10.0	11.6	
19 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	293128	10.0	11.5	
20 N-Methylaniline	106	4.700	4.711	-0.011	0	170384	NC	NC	
22 Acetophenone	105	4.705	4.723	-0.018	87	144282	10.0	11.9	
21 N-Nitrosodi-n-propylamine	70	4.711	4.729	-0.018	94	80146	10.0	10.5	
23 3 & 4 Methylphenol	108	4.717	4.735	-0.018	91	121487	10.0	12.0	
24 4-Methylphenol	108	4.717	4.735	-0.018	88	121487	10.0	12.0	
25 Hexachloroethane	117	4.817	4.823	-0.006	96	50605	10.0	10.8	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	95	128468	10.0	10.3	
27 Nitrobenzene	77	4.882	4.894	-0.012	86	164293	10.0	10.3	
28 n,n'-Dimethylaniline	120	4.888	4.899	-0.011	93	173422	10.0	11.5	
31 Isophorone	82	5.117	5.135	-0.018	99	198839	10.0	10.3	
32 2-Nitrophenol	139	5.205	5.211	-0.006	86	56086	10.0	10.8	
33 2,4-Dimethylphenol	122	5.252	5.264	-0.012	89	95472	10.0	11.1	
34 Bis(2-chloroethoxy)methane	93	5.341	5.352	-0.011	95	130298	10.0	10.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.335	5.417	-0.082	93	30468	10.0	9.06	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	92	80830	10.0	10.9	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	87347	10.0	10.5	
* 38 Naphthalene-d8	136	5.594	5.599	-0.005	99	971027	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	305685	10.0	11.5	
40 4-Chloroaniline	127	5.664	5.670	-0.006	94	126390	10.0	11.2	
41 Hexachlorobutadiene	225	5.747	5.752	-0.006	94	51895	10.0	10.4	
43 4-Chloro-3-methylphenol	107	6.164	6.170	-0.006	98	84874	10.0	11.2	
44 2-Methylnaphthalene	142	6.305	6.311	-0.006	87	181237	10.0	11.6	
45 1-Methylnaphthalene	142	6.405	6.411	-0.006	93	166359	10.0	11.6	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	96	48165	10.0	10.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.482	6.488	-0.006	96	73401	10.0	11.5	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	120954	10.0	11.5	
49 2,4,6-Trichlorophenol	196	6.594	6.599	-0.005	86	49725	10.0	11.2	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	95	49107	10.0	11.1	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	197075	10.0	10.9	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	201509	10.0	11.8	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	98	153260	10.0	11.6	
54 Phenyl ether	170	6.882	6.882	0.000	92	110799	10.0	11.7	
55 2-Nitroaniline	65	6.893	6.905	-0.012	94	65893	10.0	11.4	
57 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	137178	10.0	12.4	
58 Dimethyl phthalate	163	7.082	7.093	-0.011	98	135168	10.0	11.4	
59 Coumarin	146	7.093	7.111	-0.018	78	45635	10.0	11.1	
60 2,6-Dinitrotoluene	165	7.135	7.146	-0.011	90	32998	10.0	11.1	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	230087	10.0	11.5	
64 3-Nitroaniline	138	7.299	7.311	-0.012	90	37774	10.0	10.7	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	371345	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.370	7.382	-0.012	98	135797	10.0	12.0	
67 Acenaphthene	154	7.382	7.387	-0.005	93	140187	10.0	12.7	
68 2,4-Dinitrophenol	184	7.405	7.417	-0.012	92	26479	20.0	19.1	
69 4-Nitrophenol	65	7.476	7.493	-0.017	94	49151	20.0	20.2	
70 2,4-Dinitrotoluene	165	7.535	7.540	-0.005	94	36769	10.0	10.7	
71 Dibenzofuran	168	7.546	7.558	-0.012	97	204765	10.0	11.7	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	91	31844	10.0	10.5	
73 Diethyl phthalate	149	7.776	7.787	-0.011	97	127378	10.0	10.9	
75 4-Chlorophenyl phenyl ethe	204	7.888	7.893	-0.005	84	69758	10.0	11.9	
74 Fluorene	166	7.888	7.893	-0.005	96	143677	10.0	11.9	
76 4-Nitroaniline	138	7.899	7.923	-0.024	96	29154	10.0	10.2	
77 4,6-Dinitro-2-methylphenol	198	7.935	7.952	-0.017	77	33165	20.0	20.5	
78 N-Nitrosodiphenylamine	169	8.005	8.011	-0.006	68	103070	10.0	10.9	
79 1,2-Diphenylhydrazine	77	8.040	8.052	-0.012	100	173523	10.0	11.3	
$ 80 2,4,6-Tribromophenol	330	8.129	8.134	-0.005	94	17785	10.0	11.2	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	85	35679	10.0	10.9	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	98	34479	10.0	10.6	
84 Pentachlorophenol	266	8.635	8.640	-0.005	92	31207	20.0	21.0	
85 Pentachloronitrobenzene	237	8.646	8.652	-0.006	88	13896	10.0	11.5	
86 n-Octadecane	57	8.711	8.717	-0.006	91	165094	10.0	11.3	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	541538	40.0	40.0	
88 Phenanthrene	178	8.835	8.840	-0.005	97	169880	10.0	11.6	
89 Anthracene	178	8.882	8.893	-0.011	98	175002	10.0	11.5	
90 Carbazole	167	9.040	9.046	-0.006	95	144296	10.0	11.0	
91 Di-n-butyl phthalate	149	9.387	9.393	-0.006	100	167687	10.0	11.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	144402	10.0	11.1	
93 Benzidine	184	10.134	10.140	-0.006	100	70614	10.0	9.73	
94 Pyrene	202	10.234	10.240	-0.006	97	144273	10.0	11.0	
95 Bisphenol-A	213	10.282	10.287	-0.005	98	45567	10.0	10.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	93903	10.0	10.6	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.006	98	55848	10.0	10.7	
99 Carbamazepine	193	11.034	11.046	-0.012	94	33173	10.0	9.48	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	99	30967	10.0	9.99	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	99	93169	10.0	9.97	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	98	285384	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	85	70066	10.0	10.6	
103 Chrysene	228	11.611	11.622	-0.011	98	87903	10.0	10.7	
105 Di-n-octyl phthalate	149	12.458	12.464	-0.006	97	109441	10.0	10.4	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	97	67866	10.0	9.80	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	71983	10.0	10.4	
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	61424	10.0	9.80	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	204968	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	49283	10.0	9.81	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	94	46470	10.0	9.91	
112 Benzo[g,h,i]perylene	276	15.411	15.434	-0.023	95	48323	10.0	10.0	
S 119 Total Cresols	1				0			23.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00006 Amount Added: 1.00 Units: mL

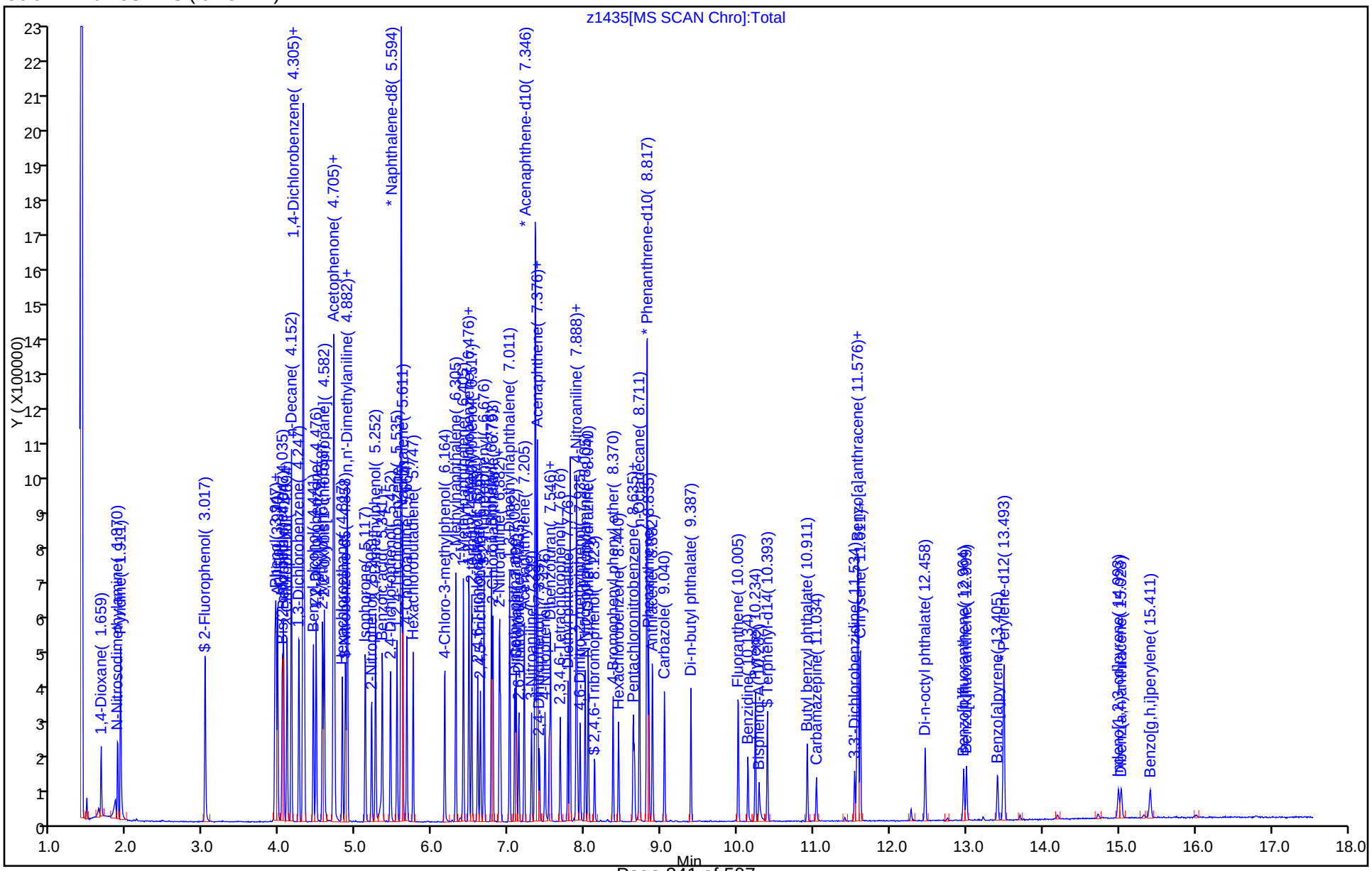
Report Date: 27-May-2015 13:11:56 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1435.D

Injection Date:	26-May-2015 14:47:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-May-2015 15:11:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:58 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:34:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.658	1.653	0.005	94	27346	5.00	5.36	
2 N-Nitrosodimethylamine	74	1.876	1.876	0.000	83	43309	5.00	5.23	
3 Pyridine	79	1.911	1.905	0.006	81	70200	5.00	5.24	
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	94	65005	5.00	5.14	
$ 6 Phenol-d5	99	3.935	3.958	-0.023	86	82299	5.00	5.31	
7 Phenol	94	3.946	3.970	-0.024	98	88862	5.00	5.82	
8 Aniline	93	3.970	3.982	-0.012	99	102675	5.00	5.66	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	65998	5.00	5.22	
10 Benzonitrile	103	4.046	4.070	-0.024	0	124545	NC	NC	
11 2-Chlorophenol	128	4.094	4.105	-0.011	92	64294	5.00	5.70	
12 n-Decane	43	4.152	4.158	-0.006	94	116748	5.00	5.67	
13 1,3-Dichlorobenzene	146	4.246	4.258	-0.012	92	63385	5.00	5.81	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	290731	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.323	4.329	-0.006	94	61062	5.00	5.79	
16 Benzyl alcohol	108	4.435	4.452	-0.017	93	36411	5.00	5.11	
17 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	92	59496	5.00	5.92	
18 2-Methylphenol	108	4.558	4.570	-0.012	88	56695	5.00	5.69	
19 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	149648	5.00	5.64	
20 N-Methylaniline	106	4.699	4.711	-0.012	0	85470	NC	NC	
22 Acetophenone	105	4.705	4.723	-0.018	89	80974	5.00	6.42	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	95	43028	5.00	5.44	
23 3 & 4 Methylphenol	108	4.717	4.735	-0.018	94	65662	5.00	6.24	
24 4-Methylphenol	108	4.717	4.735	-0.018	94	64519	5.00	6.17	M
25 Hexachloroethane	117	4.817	4.823	-0.006	94	26589	5.00	5.46	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	94	65788	5.00	5.17	
27 Nitrobenzene	77	4.876	4.894	-0.018	89	87636	5.00	5.38	
28 n,n'-Dimethylaniline	120	4.888	4.899	-0.011	95	89269	5.00	5.72	
31 Isophorone	82	5.117	5.135	-0.018	98	106515	5.00	5.40	
32 2-Nitrophenol	139	5.205	5.211	-0.006	84	27864	5.00	5.23	
33 2,4-Dimethylphenol	122	5.252	5.264	-0.012	89	49829	5.00	5.66	
34 Bis(2-chloroethoxy)methane	93	5.341	5.352	-0.012	96	70263	5.00	5.75	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.317	5.417	-0.100	87	11379	5.00	5.20	
36 2,4-Dichlorophenol	162	5.452	5.458	-0.006	93	42871	5.00	5.65	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	44914	5.00	5.26	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	993277	40.0	40.0	
39 Naphthalene	128	5.611	5.617	-0.006	99	162079	5.00	5.94	
40 4-Chloroaniline	127	5.664	5.670	-0.006	94	67946	5.00	5.87	
41 Hexachlorobutadiene	225	5.746	5.752	-0.006	94	27274	5.00	5.34	
43 4-Chloro-3-methylphenol	107	6.158	6.170	-0.012	97	44012	5.00	5.67	
44 2-Methylnaphthalene	142	6.305	6.311	-0.006	85	95092	5.00	5.97	
45 1-Methylnaphthalene	142	6.405	6.411	-0.006	94	86215	5.00	5.88	
46 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	95	25249	5.00	5.22	
47 1,2,4,5-Tetrachlorobenzene	216	6.482	6.488	-0.006	96	41249	5.00	5.95	
48 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	89	62232	5.00	5.80	
49 2,4,6-Trichlorophenol	196	6.593	6.599	-0.006	87	24769	5.00	5.14	
50 2,4,5-Trichlorophenol	196	6.629	6.635	-0.006	94	25475	5.00	5.32	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	103831	5.00	5.31	
52 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	108975	5.00	5.87	
53 2-Chloronaphthalene	162	6.793	6.799	-0.006	96	83674	5.00	5.87	
54 Phenyl ether	170	6.882	6.882	0.000	92	57260	5.00	5.59	
55 2-Nitroaniline	65	6.893	6.905	-0.012	95	34351	5.00	5.50	
57 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	94	70886	5.00	5.90	
58 Dimethyl phthalate	163	7.076	7.093	-0.017	98	72093	5.00	5.63	
59 Coumarin	146	7.093	7.111	-0.018	79	24798	5.00	5.91	
60 2,6-Dinitrotoluene	165	7.129	7.146	-0.017	90	16845	5.00	5.19	
63 Acenaphthylene	152	7.205	7.211	-0.006	97	123472	5.00	5.69	
64 3-Nitroaniline	138	7.299	7.311	-0.012	93	20200	5.00	5.30	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	96	402126	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.370	7.382	-0.012	98	71331	5.00	5.80	
67 Acenaphthene	154	7.376	7.387	-0.011	94	78169	5.00	6.44	
68 2,4-Dinitrophenol	184	7.399	7.417	-0.018	91	10568	10.0	8.65	
69 4-Nitrophenol	65	7.476	7.493	-0.017	93	23871	10.0	9.07	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	92	19940	5.00	5.36	
71 Dibenzofuran	168	7.546	7.558	-0.012	96	110547	5.00	5.82	
72 2,3,4,6-Tetrachlorophenol	232	7.676	7.682	-0.006	92	16808	5.00	5.13	
73 Diethyl phthalate	149	7.776	7.787	-0.011	98	68698	5.00	5.44	
75 4-Chlorophenyl phenyl ethe	204	7.887	7.893	-0.006	77	38415	5.00	6.06	
74 Fluorene	166	7.887	7.893	-0.006	96	78582	5.00	6.01	
76 4-Nitroaniline	138	7.899	7.923	-0.024	96	14934	5.00	4.81	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.952	-0.018	75	14680	10.0	9.49	
78 N-Nitrosodiphenylamine	169	7.999	8.011	-0.012	68	54441	5.00	5.48	
79 1,2-Diphenylhydrazine	77	8.040	8.052	-0.012	99	90863	5.00	5.59	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	86	8365	5.00	4.87	
81 4-Bromophenyl phenyl ether	248	8.370	8.376	-0.006	85	19490	5.00	5.64	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	97	17550	5.00	5.13	
84 Pentachlorophenol	266	8.634	8.640	-0.006	94	14509	10.0	9.26	
85 Pentachloronitrobenzene	237	8.646	8.652	-0.006	87	6480	5.00	5.11	
86 n-Octadecane	57	8.711	8.717	-0.006	89	86424	5.00	5.60	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	571125	40.0	40.0	
88 Phenanthrene	178	8.834	8.840	-0.006	98	86601	5.00	5.60	
89 Anthracene	178	8.881	8.893	-0.012	98	92294	5.00	5.74	
90 Carbazole	167	9.040	9.046	-0.006	95	76080	5.00	5.48	
91 Di-n-butyl phthalate	149	9.387	9.393	-0.006	100	83395	5.00	5.20	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.011	10.017	-0.006	98	70445	5.00	5.14	
93 Benzidine	184	10.134	10.140	-0.006	99	33621	5.00	4.39	
94 Pyrene	202	10.234	10.240	-0.006	97	70478	5.00	5.55	
95 Bisphenol-A	213	10.287	10.287	0.000	98	20391	5.00	4.63	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	45778	5.00	5.35	
97 Butyl benzyl phthalate	149	10.917	10.923	-0.006	97	25906	5.00	5.13	
99 Carbamazepine	193	11.034	11.046	-0.012	92	13634	5.00	4.02	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	96	14974	5.00	4.98	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	46434	5.00	5.13	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	276699	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.611	11.617	-0.006	90	35616	5.00	5.56	
103 Chrysene	228	11.605	11.622	-0.017	99	44549	5.00	5.60	
105 Di-n-octyl phthalate	149	12.458	12.464	-0.006	97	50353	5.00	4.92	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	98	33174	5.00	4.92	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	32921	5.00	4.88	
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	32077	5.00	5.25	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	199606	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	23451	5.00	4.79	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	93	23112	5.00	5.06	
112 Benzo[g,h,i]perylene	276	15.410	15.434	-0.024	95	23389	5.00	4.97	
S 119 Total Cresols	1				0			11.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00008 Amount Added: 1.00 Units: mL

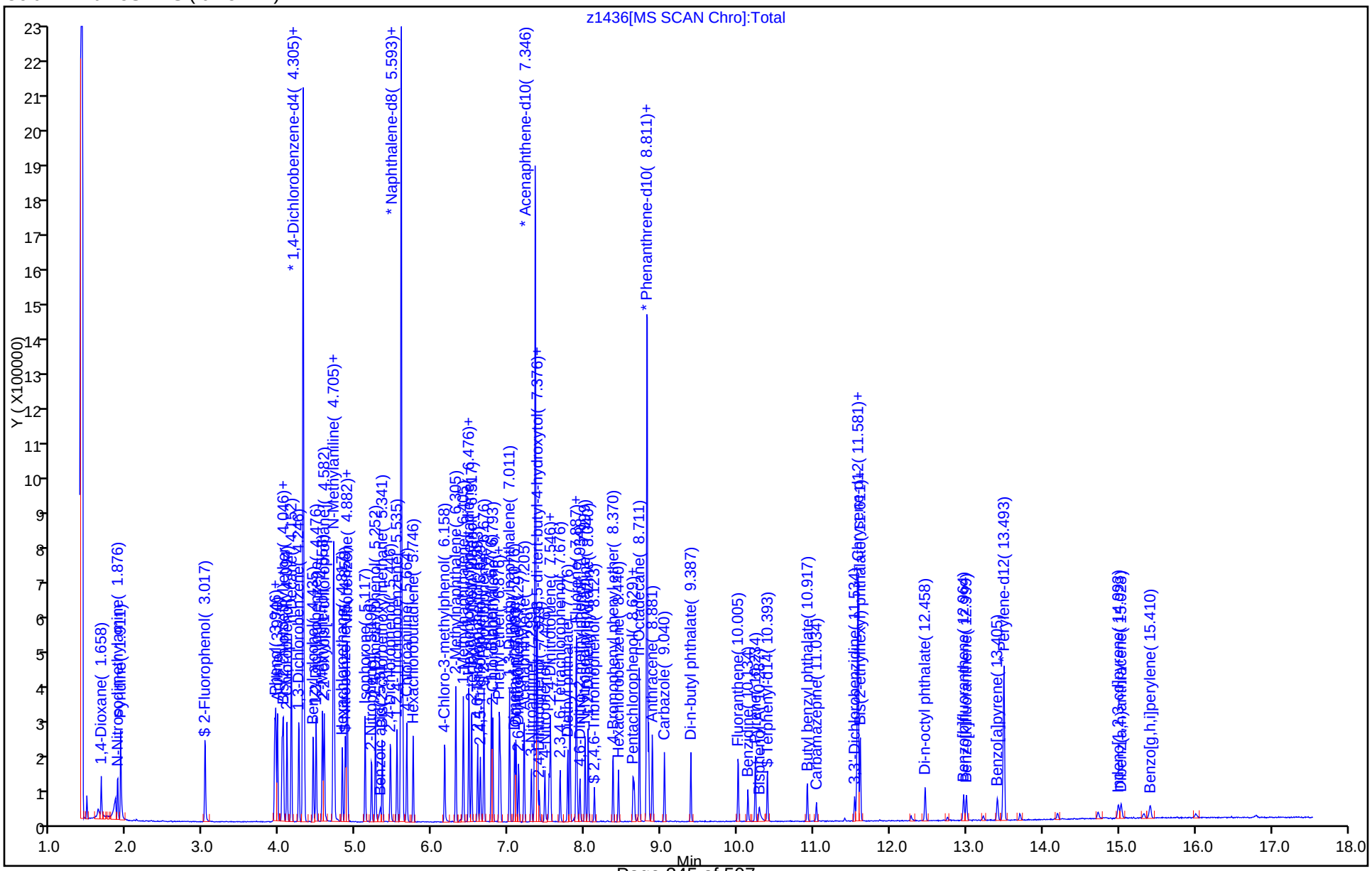
Report Date: 27-May-2015 13:11:59 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D

Injection Date:	26-May-2015 15:11:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

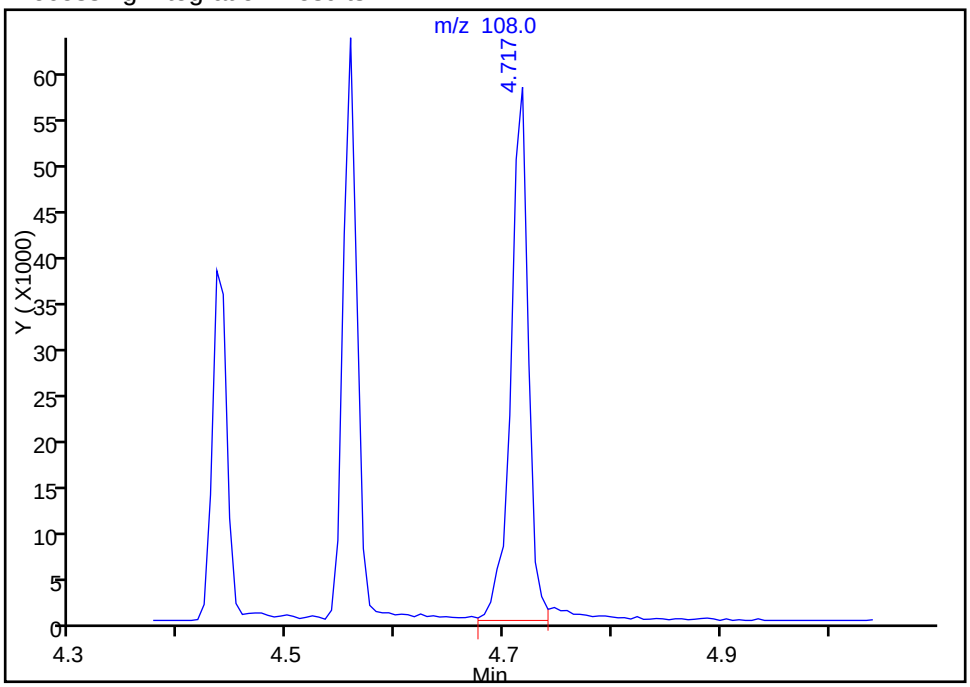
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1436.D				
Injection Date:	26-May-2015 15:11:30	Instrument ID:	CBNAMS11		
Lims ID:	STD5				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

24 4-Methylphenol, CAS: 106-44-5

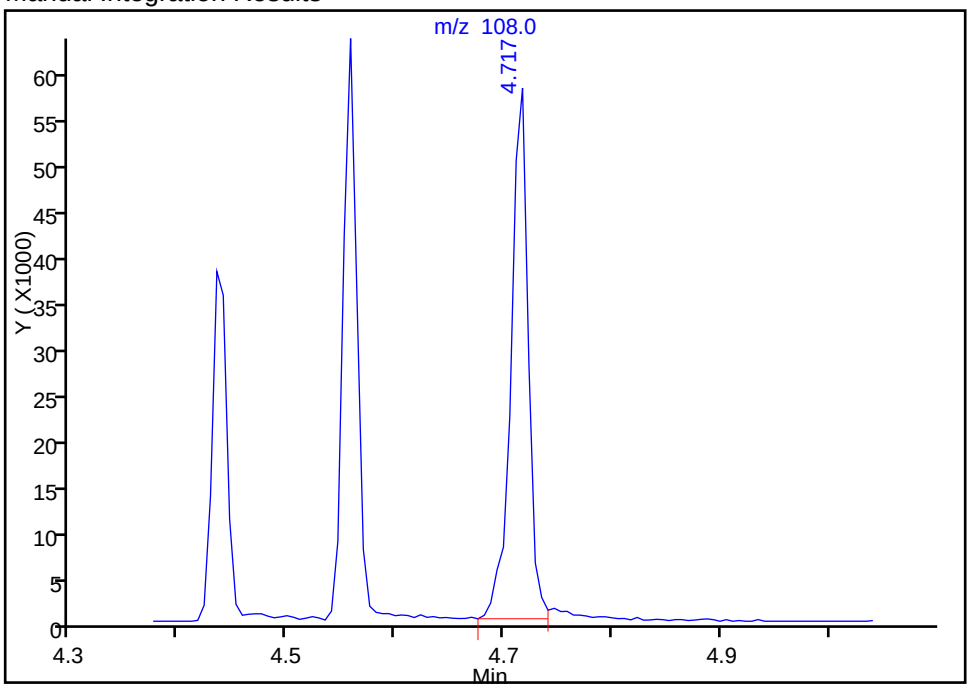
Processing Integration Results

RT: 4.72
Area: 65662
Amount: 6.324865
Amount Units: ug/ml



Manual Integration Results

RT: 4.72
Area: 64519
Amount: 6.172953
Amount Units: ug/ml



Reviewer: szczecha, 26-May-2015 19:25:08
Audit Action: Manually Integrated
Audit Reason: Baseline

Report Date: 27-May-2015 13:12:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1437.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-May-2015 15:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:03 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.017	3.023	-0.006	89	28701	2.00	2.16	
$ 6 Phenol-d5	99	3.929	3.958	-0.029	87	38514	2.00	2.36	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	93	29290	2.00	2.20	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	306032	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	94	19220	2.00	2.31	
25 Hexachloroethane	117	4.817	4.823	-0.006	93	11341	2.00	2.21	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	93	30266	2.00	2.30	
27 Nitrobenzene	77	4.876	4.894	-0.018	90	37871	2.00	2.25	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	95	37506	2.00	2.28	
31 Isophorone	82	5.117	5.135	-0.018	98	47969	2.00	2.35	
36 2,4-Dichlorophenol	162	5.446	5.458	-0.012	94	19104	2.00	2.43	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	94	19977	2.00	2.26	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	1027992	40.0	40.0	
41 Hexachlorobutadiene	225	5.746	5.752	-0.006	94	11655	2.00	2.20	
49 2,4,6-Trichlorophenol	196	6.593	6.599	-0.006	86	10884	2.00	2.23	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	97	47114	2.00	2.37	
60 2,6-Dinitrotoluene	165	7.134	7.146	-0.012	88	7259	2.00	2.13	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	408417	40.0	40.0	
68 2,4-Dinitrophenol	184	7.399	7.417	-0.018	88	2984	4.00	4.25	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	92	8538	2.00	2.26	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.952	-0.018	71	5091	4.00	4.04	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	91	3838	2.00	2.20	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	95	8221	2.00	2.19	
84 Pentachlorophenol	266	8.634	8.640	-0.006	91	4927	4.00	2.86	
* 87 Phenanthrene-d10	188	8.817	8.817	0.000	99	627724	40.0	40.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	20778	2.00	2.24	
100 3,3'-Dichlorobenzidine	252	11.534	11.546	-0.012	97	6167	2.00	1.90	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	20505	2.00	2.09	
* 102 Chrysene-d12	240	11.581	11.587	-0.006	99	299462	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	98	14862	2.00	2.13	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	98	14677	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.411	13.422	-0.011	96	13084	2.00	2.07	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	206831	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	96	10087	2.00	1.99	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	93	8964	2.00	1.90	

Reagents:

SV_IC_BNA_L0_00005 Amount Added: 1.00 Units: mL

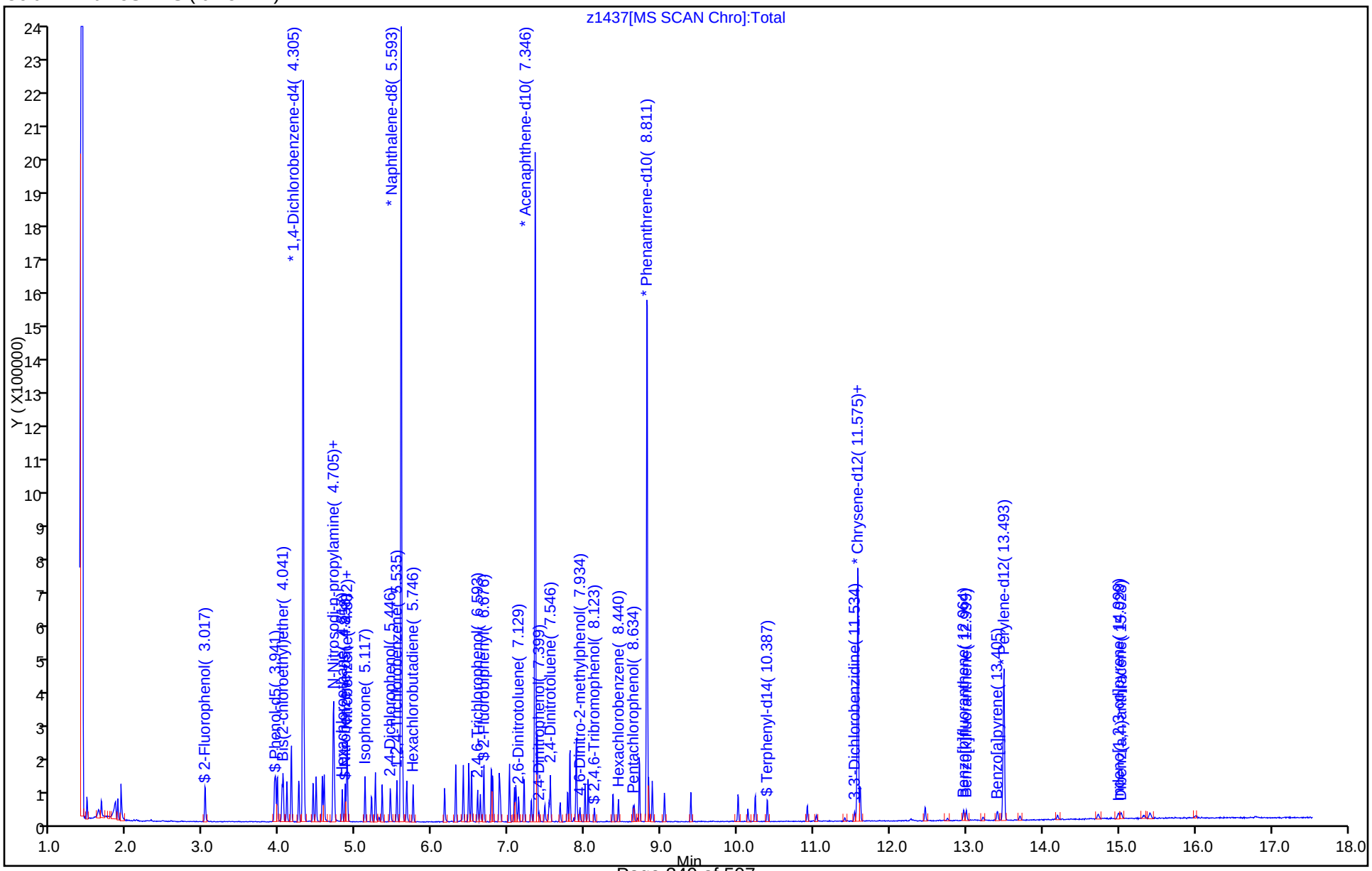
Report Date: 27-May-2015 13:12:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1437.D

Injection Date:	26-May-2015 15:35:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1438.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-May-2015 15:59:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:06 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.023	3.023	0.000	91	13726	1.00	1.03	
$ 6 Phenol-d5	99	3.929	3.958	-0.029	84	18215	1.00	1.12	
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	92	14465	1.00	1.09	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	305826	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	94	10095	1.00	1.21	
25 Hexachloroethane	117	4.817	4.823	-0.006	93	5653	1.00	1.10	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	94	14088	1.00	1.07	
27 Nitrobenzene	77	4.876	4.894	-0.018	89	19576	1.00	1.16	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	91	18865	1.00	1.15	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	93	10208	1.00	1.15	
* 38 Naphthalene-d8	136	5.594	5.599	-0.005	99	1030365	40.0	40.0	
41 Hexachlorobutadiene	225	5.747	5.752	-0.006	93	6432	1.00	1.21	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	97	22900	1.00	1.12	
60 2,6-Dinitrotoluene	165	7.129	7.146	-0.017	84	3579	1.00	0.9499	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	98	420960	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.529	7.540	-0.011	94	3793	1.00	0.9742	
$ 80 2,4,6-Tribromophenol	330	8.123	8.134	-0.011	88	1662	1.00	0.9246	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	95	4070	1.00	1.08	
* 87 Phenanthrene-d10	188	8.811	8.817	-0.006	99	626984	40.0	40.0	
$ 96 Terphenyl-d14	244	10.387	10.399	-0.012	98	9576	1.00	1.04	
101 Benzo[a]anthracene	228	11.564	11.575	-0.011	98	10735	1.00	1.10	
* 102 Chrysene-d12	240	11.576	11.587	-0.011	99	298342	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.964	12.975	-0.011	97	7592	1.00	1.06	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	97	7466	1.00	1.04	
108 Benzo[a]pyrene	252	13.405	13.422	-0.017	94	6838	1.00	1.05	
* 109 Perylene-d12	264	13.493	13.499	-0.006	97	211927	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.993	15.011	-0.017	97	5278	1.00	1.02	
111 Dibenz(a,h)anthracene	278	15.028	15.046	-0.018	92	4573	1.00	0.9436	

Reagents:

SV_IC_BNA_L2_00007 Amount Added: 1.00 Units: mL

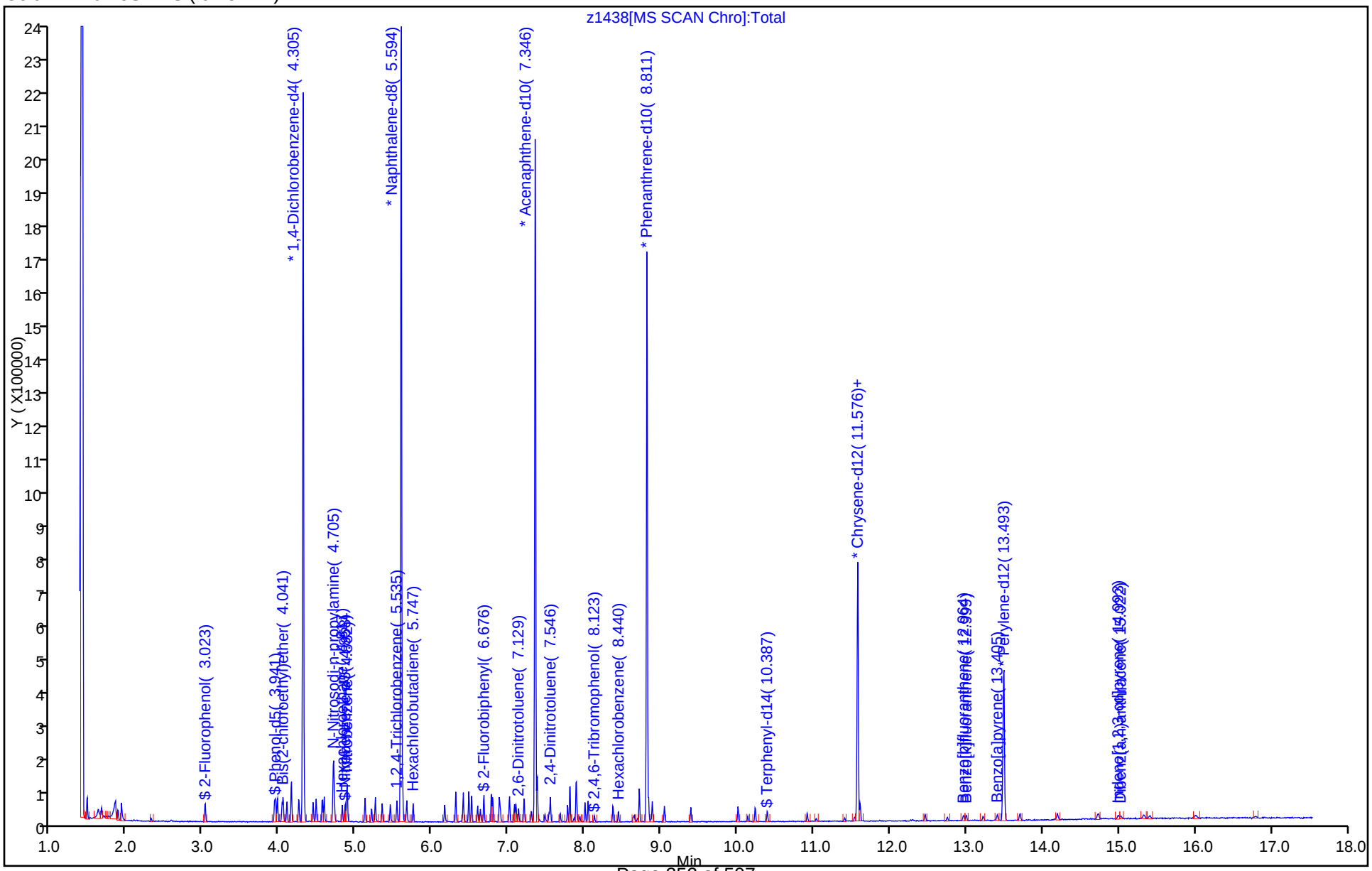
Report Date: 27-May-2015 13:12:07 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1438.D

Injection Date:	26-May-2015 15:59:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1439.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-May-2015 16:23:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027812-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:12:09 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: szczecha Date: 26-May-2015 18:35:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.029	4.047	-0.017	86	6885	0.5000	0.5496	
* 14 1,4-Dichlorobenzene-d4	152	4.305	4.311	-0.006	97	288027	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.705	4.729	-0.024	92	4912	0.5000	0.6269	
25 Hexachloroethane	117	4.817	4.823	-0.006	92	2666	0.5000	0.5529	
$ 26 Nitrobenzene-d5	82	4.858	4.870	-0.012	93	7027	0.5000	0.5547	
27 Nitrobenzene	77	4.882	4.894	-0.012	87	9843	0.5000	0.6070	
28 n,n'-Dimethylaniline	120	4.882	4.899	-0.017	92	9261	0.5000	0.5985	
37 1,2,4-Trichlorobenzene	180	5.535	5.541	-0.006	93	4785	0.5000	0.5621	
* 38 Naphthalene-d8	136	5.593	5.599	-0.006	99	989277	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	10412	0.5000	0.5410	
* 65 Acenaphthene-d10	164	7.346	7.352	-0.006	97	395754	40.0	40.0	
82 Hexachlorobenzene	284	8.440	8.446	-0.006	93	1948	0.5000	0.5585	
* 87 Phenanthrene-d10	188	8.811	8.817	-0.006	99	582823	40.0	40.0	
$ 96 Terphenyl-d14	244	10.393	10.399	-0.006	98	4557	0.5000	0.5142	
101 Benzo[a]anthracene	228	11.605	11.575	0.030	95	4760	0.5000	0.5074	
* 102 Chrysene-d12	240	11.575	11.587	-0.012	99	286632	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.963	12.975	-0.012	93	3363	0.5000	0.5076	
107 Benzo[k]fluoranthene	252	12.999	13.017	-0.018	96	3712	0.5000	0.5596	
108 Benzo[a]pyrene	252	13.405	13.422	-0.017	93	2945	0.5000	0.4909	
* 109 Perylene-d12	264	13.487	13.499	-0.012	97	196123	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.987	15.011	-0.023	71	2498	0.5000	0.5196	
111 Dibenz(a,h)anthracene	278	15.022	15.046	-0.024	23	2269	0.5000	0.5059	

Reagents:

SV_IC_BNA_L1_00007 Amount Added: 1.00 Units: mL

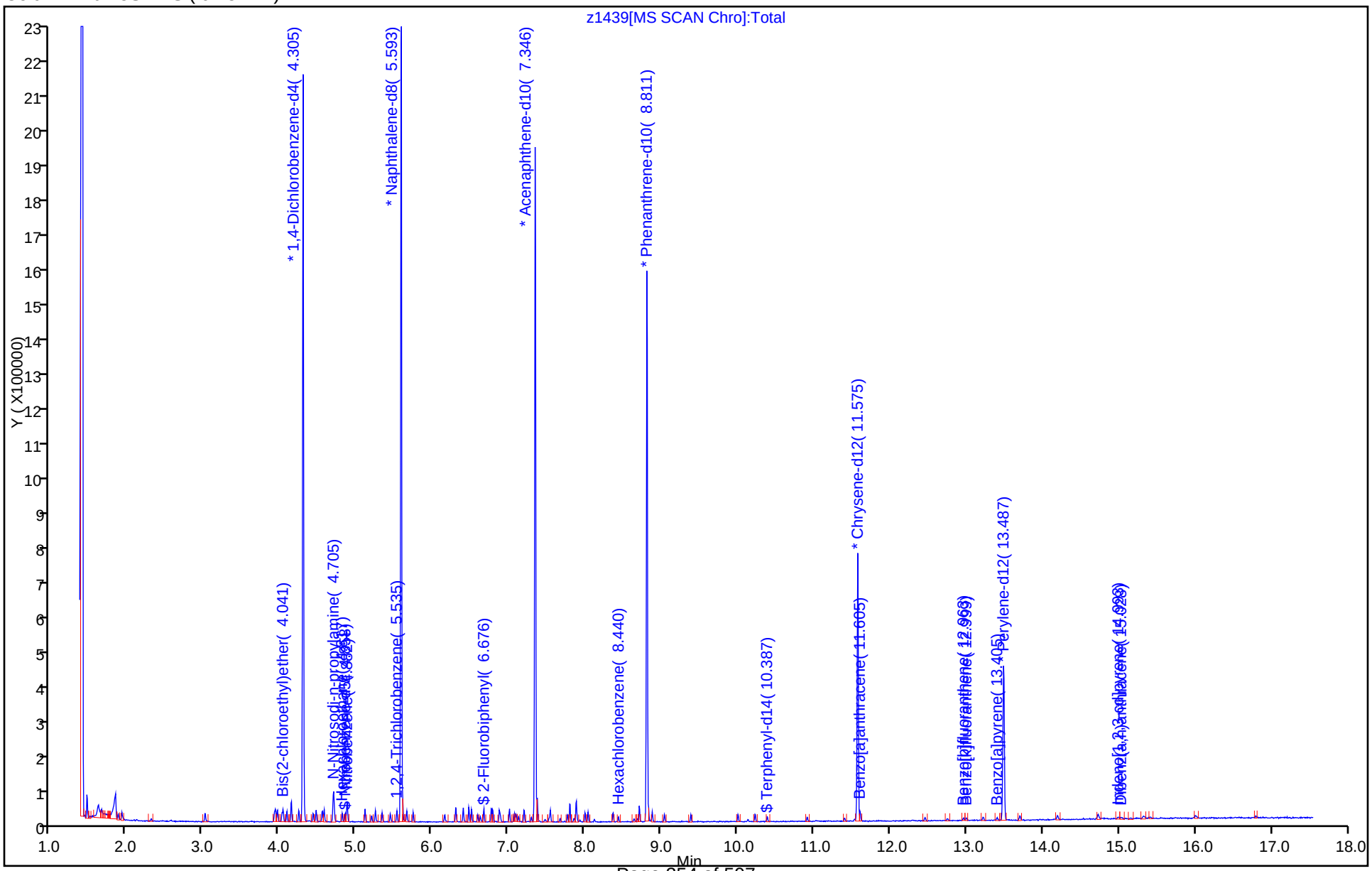
Report Date: 27-May-2015 13:12:10 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1439.D

Injection Date:	26-May-2015 16:23:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-299376/10	L121579.D
Level 2	STD1 460-299376/9	L121578.D
Level 3	STD2 460-299376/8	L121577.D
Level 4	STD5 460-299376/7	L121576.D
Level 5	STD10 460-299376/6	L121575.D
Level 6	STD20 460-299376/5	L121574.D
Level 7	ICIS 460-299376/2	L121571.D
Level 8	STD80 460-299376/4	L121573.D
Level 9	STD120 460-299376/3	L121572.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	0.5039	0.5015	0.5276	0.4925 0.5018	0.4821	Ave		0.5016				3.0		20.0			
N-Nitrosodimethylamine	0.6783	0.6789	0.7129	0.6757 0.6913	0.6757	Ave		0.6855				2.1		20.0			
Pyridine	1.2086	1.1876	1.2412	1.1849 1.2113	1.2327	Ave		1.2111				1.9		20.0			
Phenol	1.4851	1.4134	1.4990	1.4785 1.4897	1.4704	Ave		1.4727			0.8000	2.1		20.0			
Aniline	1.7496	1.6868	1.7976	1.7390 1.7329	1.7548	Ave		1.7435				2.1		20.0			
Bis(2-chloroethyl)ether	1.2527 1.1603	1.1446 1.1216	1.1372 1.1743	1.1597 1.1507	1.1580	Ave		1.1621			0.7000	3.2		20.0			
2-Chlorophenol	1.3367	1.2808	1.3517	1.3263 1.3024	1.3174	Ave		1.3192			0.8000	1.9		20.0			
n-Decane	1.2520	1.3081	1.3743	1.2619 1.3383	1.2698	Ave		1.3007				3.7		20.0			
1,3-Dichlorobenzene	1.5623	1.5441	1.6244	1.5699 1.5615	1.5713	Ave		1.5722				1.7		20.0			
1,4-Dichlorobenzene	1.5760	1.5395	1.6215	1.6016 1.5493	1.5938	Ave		1.5803				2.0		20.0			
Benzyl alcohol	0.7715	0.6939	0.7438	0.7468 0.7246	0.7532	Ave		0.7390				3.6		20.0			
1,2-Dichlorobenzene	1.4783	1.4452	1.5144	1.4696 1.4526	1.4899	Ave		1.4750				1.7		20.0			
2-Methylphenol	1.0836	0.9940	1.0418	1.0825 1.0122	1.0636	Ave		1.0463			0.7000	3.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
2,2'-oxybis[1-chloropropane]	1.5336	1.4334	1.5171	1.5425 1.4789	1.5276	Ave		1.5055			0.0100	2.8		20.0			
N-Nitrosodi-n-propylamine	0.7788 0.7661	0.7417 0.6700	0.7467 0.7188	0.7603 0.7122	0.7579	Ave		0.7392			0.5000	4.6		20.0			
Acetophenone	1.5556	1.3793	1.4317	1.5728 1.4003	1.5687	Ave		1.4847			0.0100	6.1		20.0			
3 & 4 Methylphenol	1.2031	1.0704	1.1128	1.1918 1.0894	1.2066	Ave		1.1457				5.4		20.0			
4-Methylphenol	1.2031	1.0704	1.1128	1.1918 1.0894	1.2066	Ave		1.1457			0.6000	5.4		20.0			
Hexachloroethane	0.5758 0.5951	0.6118 0.6009	0.5623 0.6282	0.5900 0.6146	0.5889	Ave		0.5964			0.3000	3.4		20.0			
Nitrobenzene	0.4418 0.4708	0.4774 0.4688	0.4601 0.4911	0.4708 0.4677	0.4813	Ave		0.4700			0.2000	2.9		20.0			
n,n'-Dimethylaniline	1.8462	1.7623	1.7972	1.7913 1.7949	1.8676	Ave		1.8099				2.2		20.0			
Isophorone	0.5182	0.4835	0.5119 0.5222	0.5194 0.5171	0.5255	Ave		0.5140			0.4000	2.7		20.0			
2-Nitrophenol	0.1886	0.1858	0.2020	0.1725 0.1948	0.1743	Ave		0.1863			0.1000	6.2		20.0			
2,4-Dimethylphenol	0.2885	0.2798	0.2946	0.2860 0.2853	0.2882	Ave		0.2871			0.2000	1.7		20.0			
Bis(2-chloroethoxy)methane	0.3648	0.3495	0.3747	0.3554 0.3635	0.3615	Ave		0.3616			0.3000	2.4		20.0			
Benzoic acid	0.1230	0.1419	0.1547	0.0585 0.1709	0.0965	Lin2	-0.538	0.1593			0.0100				0.9930		0.9900
2,4-Dichlorophenol	0.2914	0.2857	0.2694 0.3069	0.2834 0.2930	0.2918	Ave		0.2888			0.2000	3.9		20.0			
1,2,4-Trichlorobenzene	0.3393 0.3476	0.3244 0.3458	0.3281 0.3742	0.3400 0.3543	0.3441	Ave		0.3442				4.2		20.0			
Naphthalene	1.0301	0.9966	1.0368	1.0415 0.9814	1.0444	Ave		1.0218			0.7000	2.6		20.0			
4-Chloroaniline	0.3961	0.3775	0.4016	0.3915 0.3966	0.4024	Ave		0.3943			0.0100	2.3		20.0			
Hexachlorobutadiene	0.2127	0.2080 0.2201	0.1925 0.2389	0.2069 0.2294	0.2061	Ave		0.2143			0.0100	6.8		20.0			
4-Chloro-3-methylphenol	0.2187	0.2067	0.2246	0.2174 0.2264	0.2219	Ave		0.2193			0.2000	3.2		20.0			
2-Methylnaphthalene	0.6350	0.6045	0.6414	0.6424 0.6229	0.6523	Ave		0.6331			0.4000	2.7		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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-Methylnaphthalene	0.5884	0.5555	0.5907	0.5883 0.5785	0.6020	Ave		0.5839				2.7		20.0			
Hexachlorocyclopentadiene	0.4303	0.5192	0.5194	0.3542 0.4824	0.3687	Ave		0.4457			0.0500	16.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.7711	0.7876	0.7498	0.7496 0.6805	0.7378	Ave		0.7461			0.0100	4.9		20.0			
2-tertbutyl-4-methylphenol	0.4099	0.4021	0.4227	0.3912 0.4349	0.4193	Ave		0.4133				3.8		20.0			
2,4,6-Trichlorophenol	0.4527	0.4542	0.3322 0.4359	0.4145 0.4122	0.4363	Ave		0.4197			0.2000	10.0		20.0			
2,4,5-Trichlorophenol	0.4528	0.4620	0.4502	0.4181 0.4249	0.4379	Ave		0.4410			0.2000	3.9		20.0			
1,1'-Biphenyl	1.7691	1.7452	1.6438	1.7416 1.5150	1.7347	Ave		1.6916			0.0100	5.7		20.0			
2-Chloronaphthalene	1.4178	1.4266	1.3334	1.3741 1.2354	1.3923	Ave		1.3633			0.8000	5.2		20.0			
Phenyl ether	0.9683	0.9894	0.8966	0.9326 0.8569	0.9649	Ave		0.9348				5.4		20.0			
2-Nitroaniline	0.3702	0.3794	0.3571	0.3586 0.3562	0.3834	Ave		0.3675			0.0100	3.3		20.0			
1,3-Dimethylnaphthalene	1.1157	1.0784	1.0248	1.0829 0.9889	1.1228	Ave		1.0689				4.9		20.0			
Dimethyl phthalate	1.1719	1.1774	1.1864	1.1512 1.1660	1.2377	Ave		1.1818			0.0100	2.5		20.0			
Coumarin	0.1571	0.1565	0.1710	0.1589 0.1925	0.1900	Ave		0.1710				9.7		20.0			
2,6-Dinitrotoluene	0.2753	0.1970 0.2772	0.1963 0.2808	0.2569 0.2831	0.2807	Ave		0.2559			0.2000	14.6		20.0			
Acenaphthylene	1.9392	1.9012	1.8089	1.8985 1.6989	1.9627	Ave		1.8682			0.9000	5.3		20.0			
3-Nitroaniline	0.2763	0.2926	0.2965	0.2538 0.3021	0.2933	Ave		0.2858			0.0100	6.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1969	1.2912	1.2099	1.1014 1.1858	1.1835	Ave		1.1948				5.1		20.0			
Acenaphthene	1.3099	1.2534	1.1599	1.2528 1.0891	1.3348	Ave		1.2333			0.9000	7.5		20.0			
2,4-Dinitrophenol	0.1342	0.1633	0.0453 0.1775	0.0819 +++++	0.1205	Qua	-0.566	0.1441	0.0002326		0.0100				1.0000		0.9900
4-Nitrophenol	0.1496	0.1677	0.1768	0.1265 0.1843	0.1769	Ave		0.1636			0.0100	13.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
2,4-Dinitrotoluene	0.3032	0.2088 0.3295	0.2090 0.3422	0.2779 0.3482	0.3244	Ave		0.2929			0.2000	19.3		20.0			
Dibenzofuran	1.7277	1.7156	1.6359	1.7274 1.5643	1.8033	Ave		1.6957			0.8000	4.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3184	0.3273	0.3327	0.2804 0.3322	0.3220	Ave		0.3188			0.0100	6.2		20.0			
Diethyl phthalate	1.0182	1.0826	1.1315	0.9632 1.1414	1.1284	Ave		1.0776			0.0100	6.7		20.0			
4-Chlorophenyl phenyl ether	0.6647	0.6708	0.6602	0.6479 0.6347	0.6842	Ave		0.6604			0.4000	2.6		20.0			
Fluorene	1.2609	1.2530	1.2190	1.2415 1.1902	1.3275	Ave		1.2487			0.9000	3.7		20.0			
4-Nitroaniline	0.2416	0.2772	0.2847	0.2064 0.2984	0.2750	Ave		0.2639			0.0100	12.8		20.0			
4,6-Dinitro-2-methylphenol	0.1219	0.1384	0.0569 0.1552	0.0856 +++++	0.1056	Qua	-0.276	0.1163	0.0002537		0.0100				1.0000		0.9900
N-Nitrosodiphenylamine	0.6053	0.6545	0.6041	0.5928 0.5983	0.5853	Ave		0.6067			0.0100	4.0		20.0			
1,2-Diphenylhydrazine	0.8814	0.8047	0.8393	0.8697 0.7869	0.8175	Ave		0.8332				4.5		20.0			
4-Bromophenyl phenyl ether	0.2768	0.2633	0.2837	0.2654 0.2684	0.2510	Ave		0.2681			0.1000	4.2		20.0			
Hexachlorobenzene	0.3041 0.3171	0.2952 0.3043	0.2995 0.3333	0.3046 0.3207	0.3043	Ave		0.3092			0.1000	3.9		20.0			
Pentachlorophenol	0.1720	0.1834	0.0915 0.2065	0.1296 0.2068	0.1571	Lin2	-0.443	0.1920			0.0500				0.9920		0.9900
Pentachloronitrobenzene	0.0937	0.0927	0.1112	0.0816 0.1149	0.0945	Ave		0.0981			0.0100	12.8		20.0			
n-Octadecane	0.4994	0.4847	0.5061	0.4437 0.4769	0.4191	Ave		0.4716				7.2		20.0			
Phenanthrene	1.0715	1.0626	1.1177	1.0804 1.0778	1.0813	Ave		1.0819			0.7000	1.7		20.0			
Anthracene	1.0835	1.0839	1.1536	1.0323 1.1178	1.0651	Ave		1.0894			0.7000	3.9		20.0			
Carbazole	0.8539	0.9405	1.0068	0.7687 0.9873	0.8820	Ave		0.9066			0.0100	9.9		20.0			
Di-n-butyl phthalate	0.9363	1.1608	1.2607	0.7137 1.2545	0.9211	Lin2	-2.741	1.2197			0.0100				0.9930		0.9900
Fluoranthene	0.9358	1.1376	1.2168	0.7877 1.1938	0.9593	Ave		1.0385			0.6000	16.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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								
Benzidine	0.5206	0.7974	0.8439	0.2833 0.8860	0.4364	Qua	-4.078	0.8247	0.0008117						0.9990		0.9900
Pyrene	1.0976	0.9576	1.0001	1.3481 0.9866	1.2515	Ave		1.1069			0.6000	14.4		20.0			
Bisphenol-A	0.4414	0.4808	0.5327	0.4261 0.5300	0.4151	Ave		0.4710				11.0		20.0			
Butyl benzyl phthalate	0.4580	0.4758	0.5144	0.3763 0.5098	0.4181	Ave		0.4587			0.0100	11.7		20.0			
2,3,7,8-TCDD		0.1894				Ave		0.1894						20.0			
Carbamazepine	0.5774	0.5865	0.6030	0.5249 0.5917	0.5430	Ave		0.5711				5.3		20.0			
3,3'-Dichlorobenzidine	0.4760	0.5248	0.3621 0.5353	0.3734 0.5517	0.3990	Ave		0.4603			0.0100	17.6		20.0			
Benzo[a]anthracene	1.1331 1.0981	1.1537 1.1103	1.0257 1.1753	1.0569 1.1388	1.0790	Ave		1.1079			0.8000	4.3		20.0			
Bis(2-ethylhexyl) phthalate	0.7729	0.7808	0.8204	0.7680 0.7807	0.7025	Ave		0.7709			0.0100	5.0		20.0			
Chrysene	1.1001	1.0932	1.1696	1.0574 1.1096	1.1026	Ave		1.1054			0.7000	3.3		20.0			
Di-n-octyl phthalate	1.0673	1.0450	1.0467	1.0516 0.9831	1.0513	Ave		1.0409			0.0100	2.8		20.0			
Benzo[b]fluoranthene	0.7295 1.0062	0.8007 1.0097	0.7602 1.0655	0.8390 1.0368	0.9184	Ave		0.9073			0.7000	14.1		20.0			
Benzo[k]fluoranthene	0.9587 1.1087	0.9892 1.1160	0.9396 1.1761	0.9984 1.1137	1.0980	Ave		1.0554			0.7000	8.0		20.0			
Benzo[a]pyrene	0.8073 1.0203	0.8410 1.0514	0.8369 1.1272	0.9187 1.0908	0.9644	Ave		0.9620			0.7000	12.3		20.0			
Indeno[1,2,3-cd]pyrene	0.8633 1.3060	0.9228 1.4288	1.0652 1.5191	1.3340 1.4983	1.3049	Lin2	-0.319	1.3871			0.5000				0.9920		0.9900
Dibenz(a,h)anthracene	0.9667 1.3314	1.0959 1.3575	1.1553 1.4296	1.2617 1.3969	1.3105	Ave		1.2562			0.4000	12.2		20.0			
Benzo[g,h,i]perylene	1.4110	1.3971	1.4937	1.3732 1.5007	1.3783	Ave		1.4257			0.5000	4.0		20.0			
2-Fluorophenol (Surr)	1.3064	1.1639 1.3549	1.3433 1.3471	1.2386 1.2477	1.3281	Ave		1.2913				5.3		20.0			
Phenol-d5 (Surr)	1.4577	1.3237 1.4181	1.5781 1.3964	1.4303 1.3088	1.4779	Ave		1.4239				6.1		20.0			
Nitrobenzene-d5 (Surr)	0.3263 0.3547	0.3295 0.3663	0.3835 0.3713	0.3368 0.3429	0.3580	Ave		0.3521				5.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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-Fluorobiphenyl	1.6420 1.8103	1.4540 1.8711	1.7284 1.6467	1.7282 1.4639	1.7789	Ave		1.6804				8.6		20.0			
2,4,6-Tribromophenol (Surr)	 0.2559	0.1544 0.2866	0.2008 0.2792	0.2386 0.2749	0.2816	Lin2	-0.130	0.2772			0.0100				0.9970		0.9900
Terphenyl-d14 (Surr)	0.9297 0.8850	0.8915 0.8242	1.0511 0.8352	0.9985 0.8118	0.9922	Ave		0.9132				9.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-299376/10	L121579.D
Level 2	STD1 460-299376/9	L121578.D
Level 3	STD2 460-299376/8	L121577.D
Level 4	STD5 460-299376/7	L121576.D
Level 5	STD10 460-299376/6	L121575.D
Level 6	STD20 460-299376/5	L121574.D
Level 7	ICIS 460-299376/2	L121571.D
Level 8	STD80 460-299376/4	L121573.D
Level 9	STD120 460-299376/3	L121572.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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	148421	324444	498829	45383 606749	48632	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	199775	439214	674008	62266 835843	68168	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	355981	768295	1173392	109186 1464614	124362	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	437409	914373	1417110	136238 1801320	148334	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	515294	1091234	1699471	160244 2095298	177032	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	9849 341728	17054 725566	40521 1110228	106864 1391357	116823	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	393696	828546	1277926	122217 1574860	132902	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	368741	846214	1299220	116280 1618269	128097	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	460130	998874	1535700	144660 1888151	158517	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	464179	995907	1532970	147581 1873314	160788	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	227226	448895	703205	68817 876210	75983	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	435409	934920	1431747	135419 1756471	150308	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	319140	643027	984917	99749 1223860	107300	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	451684	927275	1434225	142140 1788255	154104	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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
N-Nitrosodi-n-propylamine	DCB	Ave	6123 225640	11050 433449	26607 679570	70060 861155	76459	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	458157	892260	1353566	144928 1693157	158254	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	354344	692429	1052070	109817 1317194	121723	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	354344	692429	1052070	109817 1317194	121723	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	4527 175264	9115 388729	20035 593893	54368 743176	59411	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	12414 482633	24698 967332	57112 1477197	151161 1845520	167048	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	543763	1140054	1699111	165058 2170276	188410	20.0	50.0	80.0	5.00 120	10.0
Isophorone	NPT	Ave	531185	997578	63538 1570810	166759 2040576	182367	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	193308	383371	607625	55396 768509	60494	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	295729	577233	886273	91819 1125820	100022	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	373964	721122	1127141	114105 1434524	125464	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	126114	292863	465216	18776 674508	33479	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	298754	589512	33434 923153	90994 1156380	101281	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	9535 356374	16783 713513	40722 1125494	109185 1397923	119411	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	1056005	2056230	3118686	334423 3872471	362455	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	406071	778800	1208095	125719 1564934	139640	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	218093	10764 454046	23895 718704	66448 905258	71517	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	224195	426564	675715	69815 893251	77022	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	650988	1247180	1929354	206283 2457997	226365	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	603158	1146151	1776804	188891 2282760	208929	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	182317	414335	693014	48188 906466	55925	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	326728	628530	1000392	101982 1278665	111896	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	420196	829569	1271635	125613 1716053	145505	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	191797	362470	19575 581544	56383 774405	66167	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	191838	368678	600593	56884 798265	66409	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	749559	1392772	2193078	236924 2846525	263095	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	600730	1138567	1779015	186936 2321118	211164	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	410249	789645	1196207	126876 1610105	146343	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	156835	302750	476468	48788 669285	58147	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	472702	860606	1367194	147324 1857979	170295	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	496531	939691	1582820	156612 2190835	187720	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	161036	322901	514385	51025 759554	65938	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	116651	4907 221214	11567 374573	34953 531862	42567	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	821642	1517337	2413338	258266 3192035	297677	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	117076	233526	395583	34529 567696	44478	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	507100	1030457	1614232	149840 2227972	179497	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	554991	1000292	1547564	170432 2046285	202440	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Qua	113701	260720	5339 473546	22272 +++++	36563	40.0	100	4.00 160	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	126785	267733	471646	34418 692424	53654	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	128472	5202 263000	12316 456565	37808 654176	49195	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	732008	1369148	2182542	234989 2939168	273503	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	134886	261237	443813	38150 624174	48829	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	431417	864011	1509674	131029 2144584	171142	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	281628	535330	880772	88144 1192504	103765	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	534217	999968	1626316	168890 2236320	201335	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	102352	221189	379876	28080 560642	41714	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Qua	139994	325609	8057 583119	31572 +++++	50417	40.0	100	4.00 160	10.0 +++++	20.0
N-Nitrosodiphenylamine	PHN	Ave	347469	769801	1134533	109335 1661733	139727	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	505935	946472	1576387	160399 2185661	195164	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	158890	309650	532839	48950 745579	59925	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	5477 182012	9751 357898	21224 625934	56175 890585	72645	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Lin2	197489	431332	12962 775589	47800 1148979	75003	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	53787	109060	208893	15058 319051	22564	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	286670	570173	950520	81835 1324531	100041	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	615052	1249890	2099267	199261 2993425	258136	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	621956	1274875	2166733	190405 3104557	254277	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	490180	1106279	1891043	141785 2742042	210564	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Lin2	537437	1365375	2367770	131626 3484181	219894	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	537144	1338063	2285367	145280 3315642	228997	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Qua	298819	937909	1585054	52250 2460897	104170	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	563336	1420071	2386508	147582 3469069	241324	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	226524	712957	1271148	46643 1863790	80032	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	235061	705582	1227637	41192 1792751	80614	20.0	50.0	80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

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 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		2808					0.500			
Carbamazepine	CRY	Ave	296343	869712	1438907	57465 2080447	104706	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	244284	778206	14469 1277492	40873 1939774	76940	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	11736 563553	26219 1646511	40986 2804620	115707 4004360	208062	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	396653	1157860	1957838	84075 2745317	135447	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	564617	1621105	2791148	115763 3901594	212606	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	734499	2149337	3654935	161962 5039439	245581	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	10632 692514	24089 2076637	42640 3720295	129210 5314600	214529	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	13973 762990	29759 2295182	52701 4106736	153762 5708498	256489	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	11766 702177	25302 2162338	46944 3935746	141493 5591480	225273	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Lin2	12582 898773	27761 2938562	59749 5304436	205459 7680120	304823	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	14089 916260	32970 2791978	64803 4991909	194319 7160486	306126	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	971035	2873408	5215487	211490 7692175	321971	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCB	Ave	384762	17341 876517	47865 1273532	114133 1508670	133985	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5 (Surr)	DCB	Ave	429325	19722 917393	56231 1320152	131801 1582524	149097	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	9168 363652	17046 755811	47606 1116823	108127 1352919	124236	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	20926 767008	36225 1493247	101836 2196923	235099 2750478	269797	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Lin2	108413	3847 228739	11830 372521	32458 516511	42715	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	9629 454234	20259 1222147	41999 1993122	109309 2854678	191313	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

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

Lab Name: TestAmerica Edison Job No.: 460-95247-1 Analy Batch No.: 299376

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/19/2015 04:30 Calibration End Date: 05/19/2015 08:11 Calibration ID: 49986

Curve Type Legend:

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

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121571.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 19-May-2015 04:30:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:14 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 05:21:00

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.694	1.694	0.000	94	324444	50.0	50.0	
	2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	86	439214	50.0	49.5	
	3 Pyridine	79	1.964	1.964	0.000	94	768295	50.0	49.0	
$	4 2-Fluorophenol	112	3.117	3.117	0.000	96	876517	50.0	52.5	
$	6 Phenol-d5	99	4.046	4.046	0.000	87	917393	50.0	49.8	
	7 Phenol	94	4.064	4.064	0.000	99	914373	50.0	48.0	
	8 Aniline	93	4.088	4.088	0.000	98	1091234	50.0	48.4	
	9 Bis(2-chloroethyl)ether	93	4.152	4.152	0.000	99	725566	50.0	48.3	
	10 2-Chlorophenol	128	4.211	4.211	0.000	97	828546	50.0	48.5	
	11 n-Decane	43	4.270	4.270	0.000	90	846214	50.0	50.3	
	12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	998874	50.0	49.1	
*	13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	95	517527	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.440	4.440	0.000	95	995907	50.0	48.7	
	15 Benzyl alcohol	108	4.558	4.558	0.000	94	448895	50.0	47.0	
	16 1,2-Dichlorobenzene	146	4.593	4.593	0.000	97	934920	50.0	49.0	
	17 2-Methylphenol	108	4.670	4.670	0.000	91	643027	50.0	47.5	
	18 2,2'-oxybis[1-chloropropan	45	4.699	4.699	0.000	93	927275	50.0	47.6	
	20 3 & 4 Methylphenol	108	4.829	4.829	0.000	74	692429	50.0	46.7	
	21 N-Nitrosodi-n-propylamine	70	4.829	4.829	0.000	84	433449	50.0	45.3	
	19 4-Methylphenol	108	4.829	4.829	0.000	72	692429	50.0	46.7	
	22 Acetophenone	105	4.829	4.829	0.000	96	892260	50.0	46.4	
	25 Hexachloroethane	117	4.940	4.940	0.000	93	388729	50.0	50.4	
$	26 Nitrobenzene-d5	82	4.982	4.982	0.000	87	755811	50.0	52.0	
	27 Nitrobenzene	77	4.999	4.999	0.000	98	967332	50.0	49.9	
	28 n,n'-Dimethylaniline	120	5.005	5.005	0.000	92	1140054	50.0	48.7	
	29 Isophorone	82	5.240	5.240	0.000	99	997578	50.0	47.0	
	30 2-Nitrophenol	139	5.323	5.323	0.000	95	383371	50.0	49.9	
	31 2,4-Dimethylphenol	122	5.370	5.370	0.000	92	577233	50.0	48.7	
	32 Bis(2-chloroethoxy)methane	93	5.458	5.458	0.000	99	721122	50.0	48.3	
	33 Benzoic acid	122	5.482	5.482	0.000	89	292863	50.0	47.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.564	5.564	0.000	97	589512	50.0	49.5	
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	713513	50.0	50.2	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	1650571	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	2056230	50.0	48.8	
38 4-Chloroaniline	127	5.782	5.782	0.000	98	778800	50.0	47.9	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	454046	50.0	51.3	
41 4-Chloro-3-methylphenol	107	6.270	6.270	0.000	94	426564	50.0	47.1	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	1247180	50.0	47.7	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	1146151	50.0	47.6	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	98	414335	50.0	58.2	
45 1,2,4,5-Tetrachlorobenzene	216	6.599	6.599	0.000	98	628530	50.0	52.8	
46 2-tertbutyl-4-methylphenol	149	6.629	6.629	0.000	93	829569	50.0	48.6	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	362470	50.0	54.1	
49 2,4,5-Trichlorophenol	196	6.740	6.740	0.000	99	368678	50.0	52.4	
$ 50 2-Fluorobiphenyl	172	6.793	6.793	0.000	98	1493247	50.0	55.7	
51 1,1'-Biphenyl	154	6.893	6.893	0.000	95	1392772	50.0	51.6	
52 2-Chloronaphthalene	162	6.911	6.911	0.000	99	1138567	50.0	52.3	
53 Phenyl ether	170	6.993	6.993	0.000	87	789645	50.0	52.9	
54 2-Nitroaniline	65	7.005	7.005	0.000	96	302750	50.0	51.6	
55 1,3-Dimethylnaphthalene	156	7.128	7.128	0.000	93	860606	50.0	50.4	
58 Dimethyl phthalate	163	7.193	7.193	0.000	99	939691	50.0	49.8	
59 Coumarin	146	7.211	7.211	0.000	78	322901	50.0	45.8	
60 2,6-Dinitrotoluene	165	7.246	7.246	0.000	96	221214	50.0	54.2	
61 Acenaphthylene	152	7.323	7.323	0.000	98	1517337	50.0	50.9	
62 3-Nitroaniline	138	7.411	7.411	0.000	97	233526	50.0	51.2	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	96	638459	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.487	7.487	0.000	96	1030457	50.0	54.0	
65 Acenaphthene	154	7.493	7.493	0.000	95	1000292	50.0	50.8	
66 2,4-Dinitrophenol	184	7.517	7.517	0.000	88	260720	100.0	100.9	
67 4-Nitrophenol	65	7.581	7.581	0.000	89	267733	100.0	102.5	
68 2,4-Dinitrotoluene	165	7.646	7.646	0.000	97	263000	50.0	56.3	
69 Dibenzofuran	168	7.664	7.664	0.000	96	1369148	50.0	50.6	
70 2,3,4,6-Tetrachlorophenol	232	7.787	7.787	0.000	96	261237	50.0	51.3	
71 Diethyl phthalate	149	7.893	7.893	0.000	99	864011	50.0	50.2	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	90	535330	50.0	50.8	
74 Fluorene	166	8.005	8.005	0.000	95	999968	50.0	50.2	
75 4-Nitroaniline	138	8.017	8.017	0.000	87	221189	50.0	52.5	
76 4,6-Dinitro-2-methylphenol	198	8.052	8.052	0.000	92	325609	100.0	99.7	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	67	769801	50.0	53.9	
78 1,2-Diphenylhydrazine	77	8.158	8.158	0.000	97	946472	50.0	48.3	
$ 79 2,4,6-Tribromophenol	330	8.240	8.240	0.000	91	228739	50.0	52.2	
80 4-Bromophenyl phenyl ether	248	8.481	8.481	0.000	95	309650	50.0	49.1	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	357898	50.0	49.2	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	431332	100.0	97.8	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	90	109060	50.0	47.3	
72 n-Octadecane	57	8.822	8.822	0.000	94	570173	50.0	51.4	
* 85 Phenanthrene-d10	188	8.922	8.922	0.000	98	940977	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	1249890	50.0	49.1	
87 Anthracene	178	8.999	8.999	0.000	99	1274875	50.0	49.7	
88 Carbazole	167	9.152	9.152	0.000	96	1106279	50.0	51.9	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	1365375	50.0	49.8	
90 Fluoranthene	202	10.117	10.117	0.000	98	1338063	50.0	54.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.246	10.246	0.000	99	937909	50.0	50.8	
92 Pyrene	202	10.346	10.346	0.000	97	1420071	50.0	43.3	
93 Bisphenol-A	213	10.387	10.387	0.000	99	712957	50.0	51.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	1222147	50.0	45.1	
95 Butyl benzyl phthalate	149	11.034	11.034	0.000	96	705582	50.0	51.9	
96 2,3,7,8-TCDD	320	11.152	11.152	0.000	91	2808	0.5000	0.5000	
97 Carbamazepine	193	11.164	11.164	0.000	91	869712	50.0	51.4	
98 3,3'-Dichlorobenzidine	252	11.669	11.669	0.000	99	778206	50.0	57.0	
99 Benzo[a]anthracene	228	11.699	11.699	0.000	98	1646511	50.0	50.1	
* 100 Chrysene-d12	240	11.711	11.711	0.000	99	1186307	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.740	11.740	0.000	87	1157860	50.0	50.6	
101 Chrysene	228	11.746	11.746	0.000	99	1621105	50.0	49.4	
103 Di-n-octyl phthalate	149	12.605	12.605	0.000	96	2149337	50.0	50.2	
104 Benzo[b]fluoranthene	252	13.122	13.122	0.000	99	2076637	50.0	55.6	
105 Benzo[k]fluoranthene	252	13.163	13.163	0.000	99	2295182	50.0	52.9	
106 Benzo[a]pyrene	252	13.575	13.575	0.000	97	2162338	50.0	54.6	
* 107 Perylene-d12	264	13.652	13.652	0.000	99	1645354	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.116	15.116	0.000	98	2938562	50.0	51.7	
109 Dibenz(a,h)anthracene	278	15.146	15.146	0.000	98	2791978	50.0	54.0	
110 Benzo[g,h,i]perylene	276	15.481	15.481	0.000	98	2873408	50.0	49.0	

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

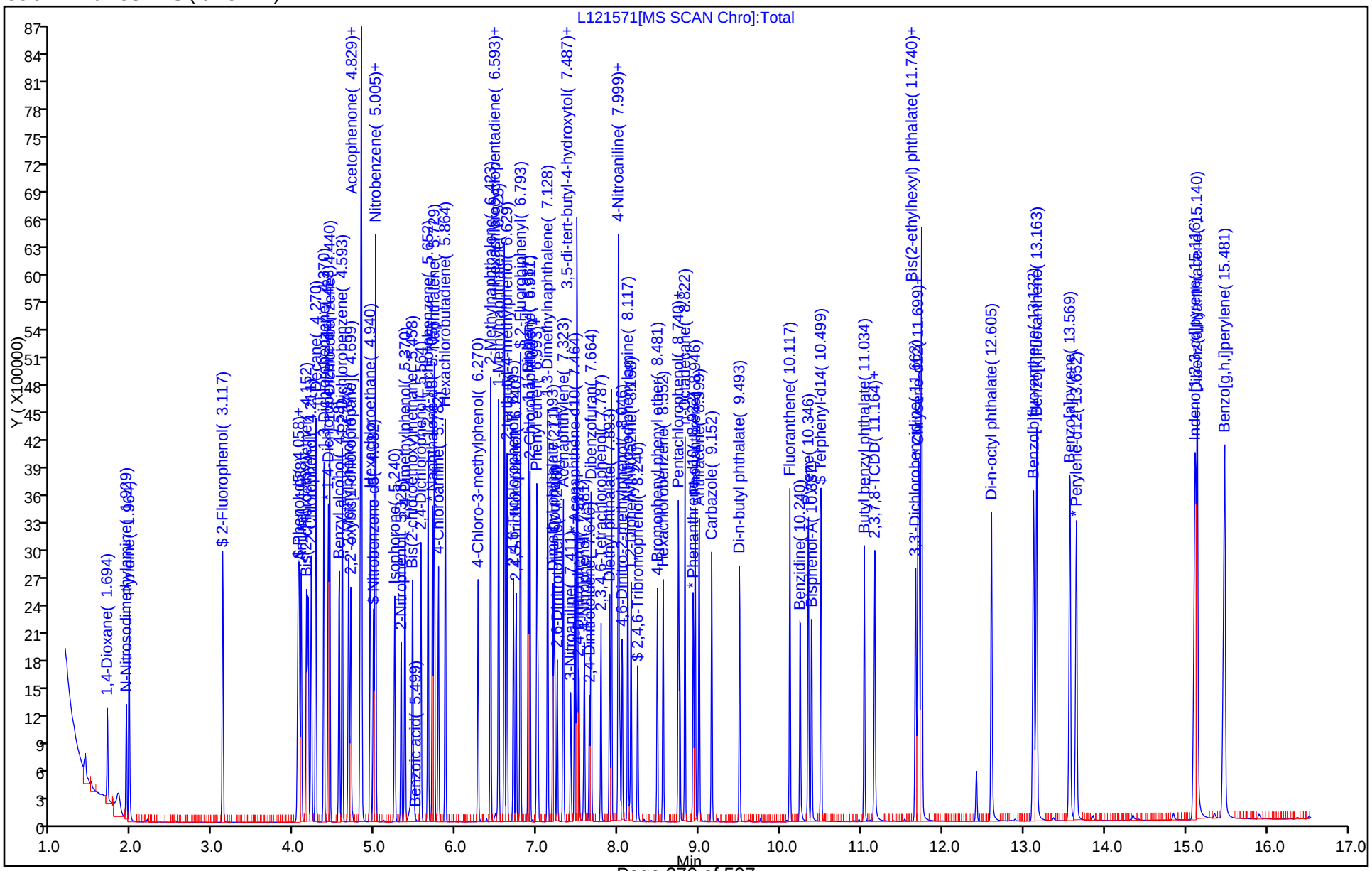
Report Date: 19-May-2015 13:07:16 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121571.D

Injection Date:	19-May-2015 04:30:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-May-2015 05:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-003
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:18 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:15:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.688	1.694	-0.006	94	606749	120.0	120.1	
2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	86	835843	120.0	121.0	
3 Pyridine	79	1.958	1.964	-0.006	94	1464614	120.0	120.0	
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	1508670	120.0	116.0	
$ 6 Phenol-d5	99	4.058	4.046	0.012	97	1582524	120.0	110.3	
7 Phenol	94	4.076	4.064	0.012	99	1801320	120.0	121.4	
8 Aniline	93	4.088	4.088	0.000	99	2095298	120.0	119.3	
9 Bis(2-chloroethyl)ether	93	4.158	4.152	0.006	98	1391357	120.0	118.8	
10 2-Chlorophenol	128	4.217	4.211	0.006	97	1574860	120.0	118.5	
11 n-Decane	43	4.270	4.270	0.000	90	1618269	120.0	123.5	
12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	1888151	120.0	119.2	
* 13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	94	403051	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.440	4.440	0.000	95	1873314	120.0	117.6	
15 Benzyl alcohol	108	4.564	4.558	0.006	94	876210	120.0	117.7	
16 1,2-Dichlorobenzene	146	4.599	4.593	0.006	96	1756471	120.0	118.2	
17 2-Methylphenol	108	4.682	4.670	0.012	91	1223860	120.0	116.1	
18 2,2'-oxybis[1-chloropropan	45	4.705	4.699	0.006	93	1788255	120.0	117.9	
20 3 & 4 Methylphenol	108	4.840	4.829	0.011	83	1317194	120.0	114.1	
21 N-Nitrosodi-n-propylamine	70	4.840	4.829	0.011	89	861155	120.0	115.6	
19 4-Methylphenol	108	4.840	4.829	0.011	83	1317194	120.0	114.1	
22 Acetophenone	105	4.835	4.829	0.006	94	1693157	120.0	113.2	
25 Hexachloroethane	117	4.940	4.940	0.000	92	743176	120.0	123.7	
$ 26 Nitrobenzene-d5	82	4.987	4.982	0.005	86	1352919	120.0	116.8	
27 Nitrobenzene	77	5.011	4.999	0.012	97	1845520	120.0	119.4	
28 n,n'-Dimethylaniline	120	5.011	5.005	0.006	93	2170276	120.0	119.0	
29 Isophorone	82	5.252	5.240	0.012	99	2040576	120.0	120.7	
30 2-Nitrophenol	139	5.329	5.323	0.006	95	768509	120.0	125.4	
31 2,4-Dimethylphenol	122	5.376	5.370	0.006	92	1125820	120.0	119.3	
32 Bis(2-chloroethoxy)methane	93	5.464	5.458	0.006	99	1434524	120.0	120.7	
33 Benzoic acid	122	5.523	5.482	0.041	89	674508	120.0	132.2	
34 2,4-Dichlorophenol	162	5.570	5.564	0.006	96	1156380	120.0	121.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.658	5.652	0.006	94	1397923	120.0	123.5	
* 36 Naphthalene-d8	136	5.711	5.705	0.006	99	1315347	40.0	40.0	
37 Naphthalene	128	5.734	5.729	0.005	100	3872471	120.0	115.3	
38 4-Chloroaniline	127	5.787	5.782	0.005	97	1564934	120.0	120.7	
39 Hexachlorobutadiene	225	5.870	5.864	0.006	97	905258	120.0	128.4	
41 4-Chloro-3-methylphenol	107	6.276	6.270	0.006	94	893251	120.0	123.9	
42 2-Methylnaphthalene	142	6.429	6.423	0.006	85	2457997	120.0	118.1	
43 1-Methylnaphthalene	142	6.529	6.523	0.006	93	2282760	120.0	118.9	
44 Hexachlorocyclopentadiene	237	6.599	6.593	0.006	98	906466	120.0	129.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.605	6.599	0.006	98	1278665	120.0	109.5	
46 2-tertbutyl-4-methylphenol	149	6.634	6.629	0.005	93	1716053	120.0	126.3	
48 2,4,6-Trichlorophenol	196	6.711	6.705	0.006	92	774405	120.0	117.8	
49 2,4,5-Trichlorophenol	196	6.746	6.740	0.006	99	798265	120.0	115.6	
$ 50 2-Fluorobiphenyl	172	6.799	6.793	0.006	97	2750478	120.0	104.5	
51 1,1'-Biphenyl	154	6.899	6.893	0.006	95	2846525	120.0	107.5	
52 2-Chloronaphthalene	162	6.917	6.911	0.006	98	2321118	120.0	108.7	
53 Phenyl ether	170	6.999	6.993	0.006	84	1610105	120.0	110.0	
54 2-Nitroaniline	65	7.017	7.005	0.012	94	669285	120.0	116.3	
55 1,3-Dimethylnaphthalene	156	7.134	7.128	0.006	93	1857979	120.0	111.0	
58 Dimethyl phthalate	163	7.205	7.193	0.012	99	2190835	120.0	118.4	
59 Coumarin	146	7.223	7.211	0.012	77	759554	120.0	135.1	
60 2,6-Dinitrotoluene	165	7.258	7.246	0.012	95	531862	120.0	132.7	
61 Acenaphthylene	152	7.328	7.323	0.005	98	3192035	120.0	109.1	
62 3-Nitroaniline	138	7.423	7.411	0.012	97	567696	120.0	126.9	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	92	626300	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.493	7.487	0.006	96	2227972	120.0	119.1	
65 Acenaphthene	154	7.499	7.493	0.006	95	2046285	120.0	106.0	
66 2,4-Dinitrophenol	184	7.528	7.517	0.011	95	706411	240.0	230.9	
67 4-Nitrophenol	65	7.593	7.581	0.012	90	692424	240.0	270.3	
68 2,4-Dinitrotoluene	165	7.658	7.646	0.012	97	654176	120.0	142.6	
69 Dibenzofuran	168	7.670	7.664	0.006	96	2939168	120.0	110.7	
70 2,3,4,6-Tetrachlorophenol	232	7.793	7.787	0.006	96	624174	120.0	125.0	
71 Diethyl phthalate	149	7.899	7.893	0.006	99	2144584	120.0	127.1	
73 4-Chlorophenyl phenyl ethe	204	8.005	7.999	0.006	90	1192504	120.0	115.3	
74 Fluorene	166	8.011	8.005	0.006	95	2236320	120.0	114.4	
75 4-Nitroaniline	138	8.040	8.017	0.023	87	560642	120.0	135.7	
76 4,6-Dinitro-2-methylphenol	198	8.064	8.052	0.012	92	868649	240.0	219.8	
77 N-Nitrosodiphenylamine	169	8.128	8.117	0.011	66	1661733	120.0	118.3	
78 1,2-Diphenylhydrazine	77	8.164	8.158	0.006	96	2185661	120.0	113.3	
$ 79 2,4,6-Tribromophenol	330	8.246	8.240	0.006	91	516511	120.0	119.5	
80 4-Bromophenyl phenyl ether	248	8.487	8.481	0.006	95	745579	120.0	120.2	
81 Hexachlorobenzene	284	8.564	8.552	0.012	95	890585	120.0	124.4	
83 Pentachlorophenol	266	8.752	8.740	0.012	95	1148979	240.0	260.8	
84 Pentachloronitrobenzene	237	8.764	8.758	0.006	91	319051	120.0	140.5	
72 n-Octadecane	57	8.828	8.822	0.006	94	1324531	120.0	121.3	
* 85 Phenanthrene-d10	188	8.928	8.922	0.006	98	925807	40.0	40.0	
86 Phenanthrene	178	8.958	8.946	0.012	98	2993425	120.0	119.5	
87 Anthracene	178	9.005	8.999	0.006	98	3104557	120.0	123.1	
88 Carbazole	167	9.158	9.152	0.006	96	2742042	120.0	130.7	
89 Di-n-butyl phthalate	149	9.499	9.493	0.006	99	3484181	120.0	125.7	
90 Fluoranthene	202	10.122	10.117	0.005	97	3315642	120.0	137.9	
91 Benzidine	184	10.252	10.246	0.006	99	2460897	120.0	119.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.352	10.346	0.006	97	3469069	120.0	107.0	
93 Bisphenol-A	213	10.393	10.387	0.006	99	1863790	120.0	135.0	
$ 94 Terphenyl-d14	244	10.511	10.499	0.012	99	2854678	120.0	106.7	
95 Butyl benzyl phthalate	149	11.040	11.034	0.006	96	1792751	120.0	133.4	
97 Carbamazepine	193	11.181	11.164	0.017	91	2080447	120.0	124.3	
98 3,3'-Dichlorobenzidine	252	11.681	11.669	0.012	99	1939774	120.0	143.8	
99 Benzo[a]anthracene	228	11.711	11.699	0.012	98	4004360	120.0	123.3	
* 100 Chrysene-d12	240	11.722	11.711	0.011	99	1172092	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.746	11.740	0.006	85	2745317	120.0	121.5	
101 Chrysene	228	11.758	11.746	0.012	98	3901594	120.0	120.5	
103 Di-n-octyl phthalate	149	12.616	12.605	0.011	97	5039439	120.0	113.3	
104 Benzo[b]fluoranthene	252	13.146	13.122	0.024	99	5314600	120.0	137.1	
105 Benzo[k]fluoranthene	252	13.187	13.163	0.024	99	5708498	120.0	126.6	
106 Benzo[a]pyrene	252	13.593	13.575	0.018	97	5591480	120.0	136.1	
* 107 Perylene-d12	264	13.663	13.652	0.011	99	1708610	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.140	15.116	0.024	99	7680120	120.0	129.8	M
109 Dibenz(a,h)anthracene	278	15.181	15.146	0.035	96	7160486	120.0	133.4	
110 Benzo[g,h,i]perylene	276	15.522	15.481	0.041	98	7692175	120.0	126.3	
S 117 Total Cresols	1				0			230.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00006 Amount Added: 1.00 Units: mL

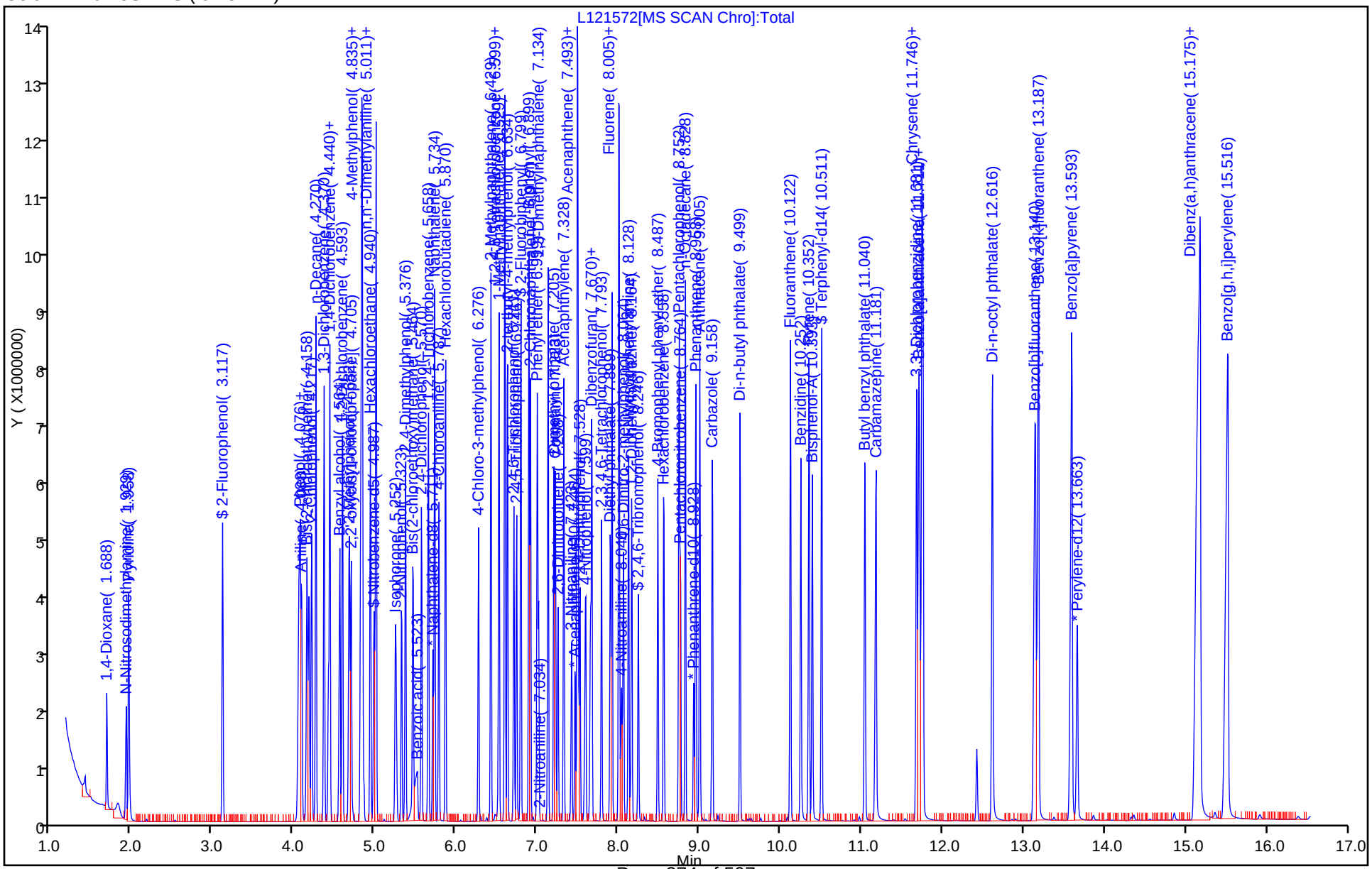
Report Date: 19-May-2015 13:07:20 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D

Injection Date:	19-May-2015 05:17:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

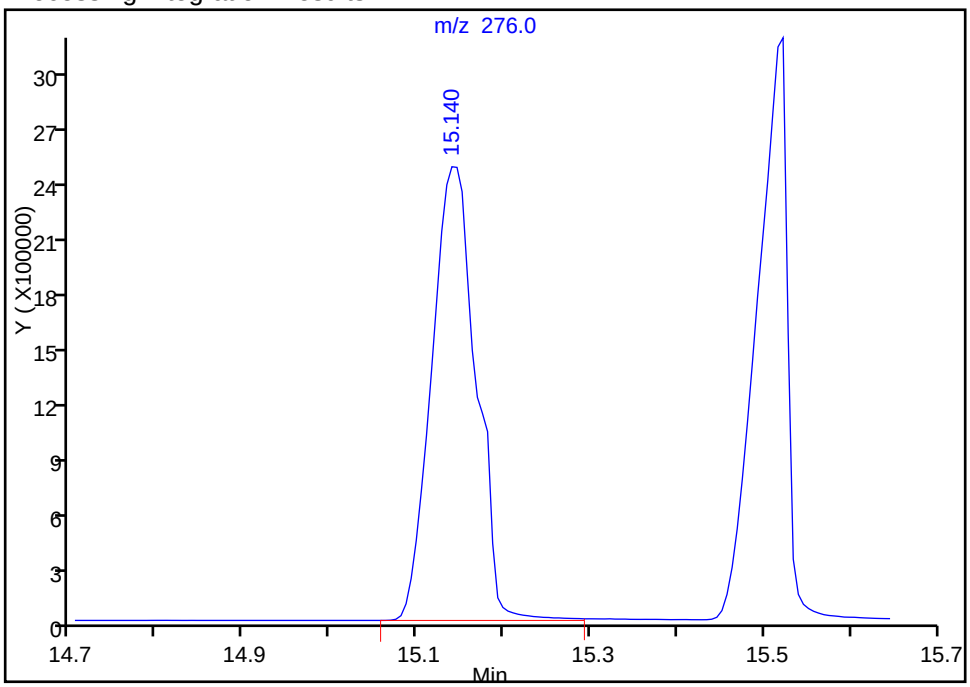
TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121572.D				
Injection Date:	19-May-2015 05:17:30	Instrument ID:	CBNAMS12		
Lims ID:	STD120				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

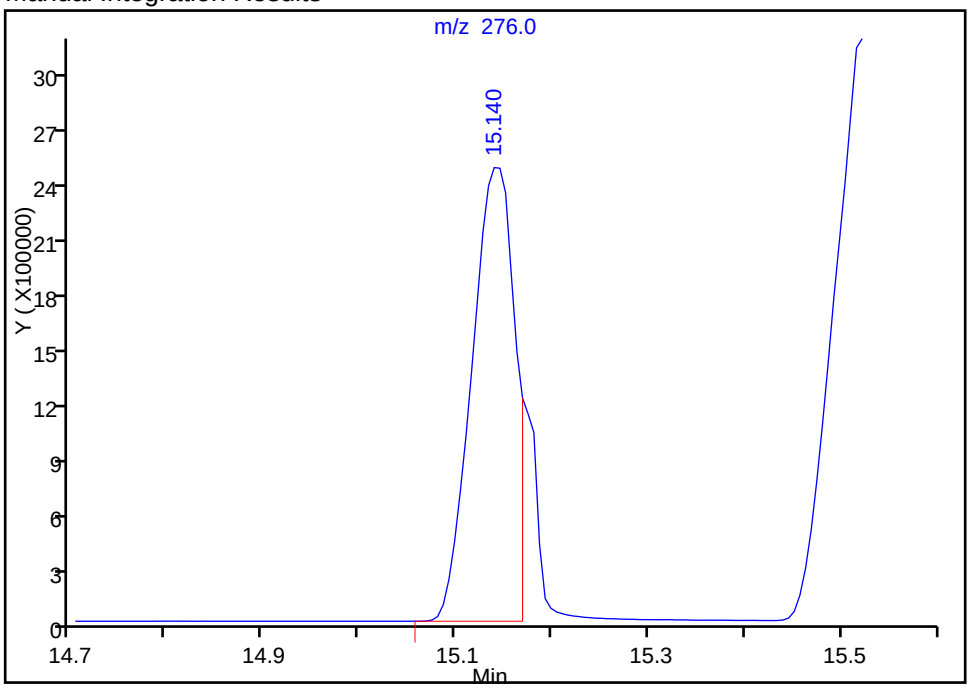
Processing Integration Results

RT: 15.14
Area: 8766168
Amount: 120.3283
Amount Units: ug/ml



Manual Integration Results

RT: 15.14
Area: 7680120
Amount: 129.8485
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:15:38
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121573.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-May-2015 05:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-004
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:22 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:20:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.694	1.694	0.000	94	498829	80.0	84.2	
	2 N-Nitrosodimethylamine	74	1.935	1.929	0.006	86	674008	80.0	83.2	
	3 Pyridine	79	1.964	1.964	0.000	94	1173392	80.0	82.0	
$	4 2-Fluorophenol	112	3.123	3.117	0.006	96	1273532	80.0	83.5	
$	6 Phenol-d5	99	4.052	4.046	0.006	90	1320152	80.0	78.5	
	7 Phenol	94	4.070	4.064	0.006	99	1417110	80.0	81.4	
	8 Aniline	93	4.094	4.088	0.006	98	1699471	80.0	82.5	
	9 Bis(2-chloroethyl)ether	93	4.158	4.152	0.006	98	1110228	80.0	80.8	
	10 2-Chlorophenol	128	4.217	4.211	0.006	97	1277926	80.0	82.0	
	11 n-Decane	43	4.270	4.270	0.000	90	1299220	80.0	84.5	
	12 1,3-Dichlorobenzene	146	4.370	4.370	0.000	96	1535700	80.0	82.7	
*	13 1,4-Dichlorobenzene-d4	152	4.423	4.423	0.000	95	472699	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.441	4.440	0.001	95	1532970	80.0	82.1	
	15 Benzyl alcohol	108	4.558	4.558	0.000	94	703205	80.0	80.5	
	16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	96	1431747	80.0	82.1	
	17 2-Methylphenol	108	4.676	4.670	0.006	91	984917	80.0	79.7	
	18 2,2'-oxybis[1-chloropropan	45	4.699	4.699	0.000	93	1434225	80.0	80.6	
	20 3 & 4 Methylphenol	108	4.835	4.829	0.006	91	1052070	80.0	77.7	
	21 N-Nitrosodi-n-propylamine	70	4.835	4.829	0.006	77	679570	80.0	77.8	
	19 4-Methylphenol	108	4.835	4.829	0.006	89	1052070	80.0	77.7	
	22 Acetophenone	105	4.835	4.829	0.006	94	1353566	80.0	77.1	
	25 Hexachloroethane	117	4.941	4.940	0.001	93	593893	80.0	84.3	
$	26 Nitrobenzene-d5	82	4.982	4.982	0.000	87	1116823	80.0	84.3	
	27 Nitrobenzene	77	5.005	4.999	0.006	98	1477197	80.0	83.6	
	28 n,n'-Dimethylaniline	120	5.011	5.005	0.006	92	1699111	80.0	79.4	
	29 Isophorone	82	5.246	5.240	0.006	99	1570810	80.0	81.3	
	30 2-Nitrophenol	139	5.323	5.323	0.000	95	607625	80.0	86.7	
	31 2,4-Dimethylphenol	122	5.370	5.370	0.000	92	886273	80.0	82.1	
	32 Bis(2-chloroethoxy)methane	93	5.464	5.458	0.006	99	1127141	80.0	82.9	
	33 Benzoic acid	122	5.499	5.482	0.017	88	465216	80.0	81.1	
	34 2,4-Dichlorophenol	162	5.570	5.564	0.006	96	923153	80.0	85.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	1125494	80.0	87.0	
* 36 Naphthalene-d8	136	5.711	5.705	0.006	99	1504026	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	3118686	80.0	81.2	
38 4-Chloroaniline	127	5.782	5.782	0.000	98	1208095	80.0	81.5	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	718704	80.0	89.2	
41 4-Chloro-3-methylphenol	107	6.270	6.270	0.000	94	675715	80.0	81.9	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	1929354	80.0	81.1	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	1776804	80.0	80.9	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	96	693014	80.0	93.2	
45 1,2,4,5-Tetrachlorobenzene	216	6.599	6.599	0.000	98	1000392	80.0	80.4	
46 2-tertbutyl-4-methylphenol	149	6.629	6.629	0.000	93	1271635	80.0	81.8	
48 2,4,6-Trichlorophenol	196	6.711	6.705	0.006	94	581544	80.0	83.1	
49 2,4,5-Trichlorophenol	196	6.740	6.740	0.000	99	600593	80.0	81.7	
$ 50 2-Fluorobiphenyl	172	6.793	6.793	0.000	97	2196923	80.0	78.4	
51 1,1'-Biphenyl	154	6.893	6.893	0.000	95	2193078	80.0	77.7	
52 2-Chloronaphthalene	162	6.911	6.911	0.000	98	1779015	80.0	78.2	
53 Phenyl ether	170	6.999	6.993	0.006	86	1196207	80.0	76.7	
54 2-Nitroaniline	65	7.011	7.005	0.006	94	476468	80.0	77.7	
55 1,3-Dimethylnaphthalene	156	7.129	7.128	0.001	94	1367194	80.0	76.7	
58 Dimethyl phthalate	163	7.199	7.193	0.006	99	1582820	80.0	80.3	
59 Coumarin	146	7.217	7.211	0.006	78	514385	80.0	80.0	
60 2,6-Dinitrotoluene	165	7.252	7.246	0.006	95	374573	80.0	87.8	
61 Acenaphthylene	152	7.323	7.323	0.000	98	2413338	80.0	77.5	
62 3-Nitroaniline	138	7.417	7.411	0.006	96	395583	80.0	83.0	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	93	667083	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.488	7.487	0.001	97	1614232	80.0	81.0	
65 Acenaphthene	154	7.499	7.493	0.006	95	1547564	80.0	75.2	
66 2,4-Dinitrophenol	184	7.517	7.517	0.000	94	473546	160.0	159.8	
67 4-Nitrophenol	65	7.587	7.581	0.006	89	471646	160.0	172.8	
68 2,4-Dinitrotoluene	165	7.646	7.646	0.000	97	456565	80.0	93.5	
69 Dibenzofuran	168	7.670	7.664	0.006	96	2182542	80.0	77.2	
70 2,3,4,6-Tetrachlorophenol	232	7.787	7.787	0.000	96	443813	80.0	83.5	
71 Diethyl phthalate	149	7.893	7.893	0.000	99	1509674	80.0	84.0	
73 4-Chlorophenyl phenyl ethe	204	8.005	7.999	0.006	90	880772	80.0	80.0	
74 Fluorene	166	8.005	8.005	0.000	96	1626316	80.0	78.1	
75 4-Nitroaniline	138	8.029	8.017	0.012	87	379876	80.0	86.3	
76 4,6-Dinitro-2-methylphenol	198	8.058	8.052	0.006	93	583119	160.0	160.1	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	66	1134533	80.0	79.6	
78 1,2-Diphenylhydrazine	77	8.158	8.158	0.000	97	1576387	80.0	80.6	
$ 79 2,4,6-Tribromophenol	330	8.240	8.240	0.000	91	372521	80.0	81.1	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	532839	80.0	84.7	
81 Hexachlorobenzene	284	8.558	8.552	0.006	95	625934	80.0	86.2	
83 Pentachlorophenol	266	8.746	8.740	0.006	95	775589	160.0	174.4	
84 Pentachloronitrobenzene	237	8.764	8.758	0.006	93	208893	80.0	90.7	
72 n-Octadecane	57	8.823	8.822	0.001	94	950520	80.0	85.8	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	939099	40.0	40.0	
86 Phenanthrene	178	8.952	8.946	0.006	97	2099267	80.0	82.6	
87 Anthracene	178	8.999	8.999	0.000	98	2166733	80.0	84.7	
88 Carbazole	167	9.152	9.152	0.000	96	1891043	80.0	88.8	
89 Di-n-butyl phthalate	149	9.499	9.493	0.006	99	2367770	80.0	84.9	
90 Fluoranthene	202	10.117	10.117	0.000	98	2285367	80.0	93.7	
91 Benzidine	184	10.246	10.246	0.000	99	1585054	80.0	80.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.346	10.346	0.000	97	2386508	80.0	72.3	
93 Bisphenol-A	213	10.387	10.387	0.000	99	1271148	80.0	90.5	
$ 94 Terphenyl-d14	244	10.505	10.499	0.006	99	1993122	80.0	73.2	
95 Butyl benzyl phthalate	149	11.040	11.034	0.006	96	1227637	80.0	89.7	
97 Carbamazepine	193	11.170	11.164	0.006	91	1438907	80.0	84.5	
98 3,3'-Dichlorobenzidine	252	11.670	11.669	0.001	99	1277492	80.0	93.0	
99 Benzo[a]anthracene	228	11.699	11.699	0.000	99	2804620	80.0	84.9	
* 100 Chrysene-d12	240	11.717	11.711	0.006	99	1193169	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.740	11.740	0.000	87	1957838	80.0	85.1	
101 Chrysene	228	11.752	11.746	0.006	98	2791148	80.0	84.6	
103 Di-n-octyl phthalate	149	12.605	12.605	0.000	97	3654935	80.0	80.5	
104 Benzo[b]fluoranthene	252	13.134	13.122	0.012	99	3720295	80.0	93.9	
105 Benzo[k]fluoranthene	252	13.169	13.163	0.006	99	4106736	80.0	89.2	
106 Benzo[a]pyrene	252	13.581	13.575	0.006	97	3935746	80.0	93.7	
* 107 Perylene-d12	264	13.652	13.652	0.000	99	1745858	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.128	15.116	0.012	98	5304436	80.0	87.8	
109 Dibenz(a,h)anthracene	278	15.158	15.146	0.012	98	4991909	80.0	91.0	
110 Benzo[g,h,i]perylene	276	15.499	15.481	0.018	98	5215487	80.0	83.8	
S 117 Total Cresols	1				0			157.4	

Reagents:

SV_IC_BNA_L7_00006 Amount Added: 1.00 Units: mL

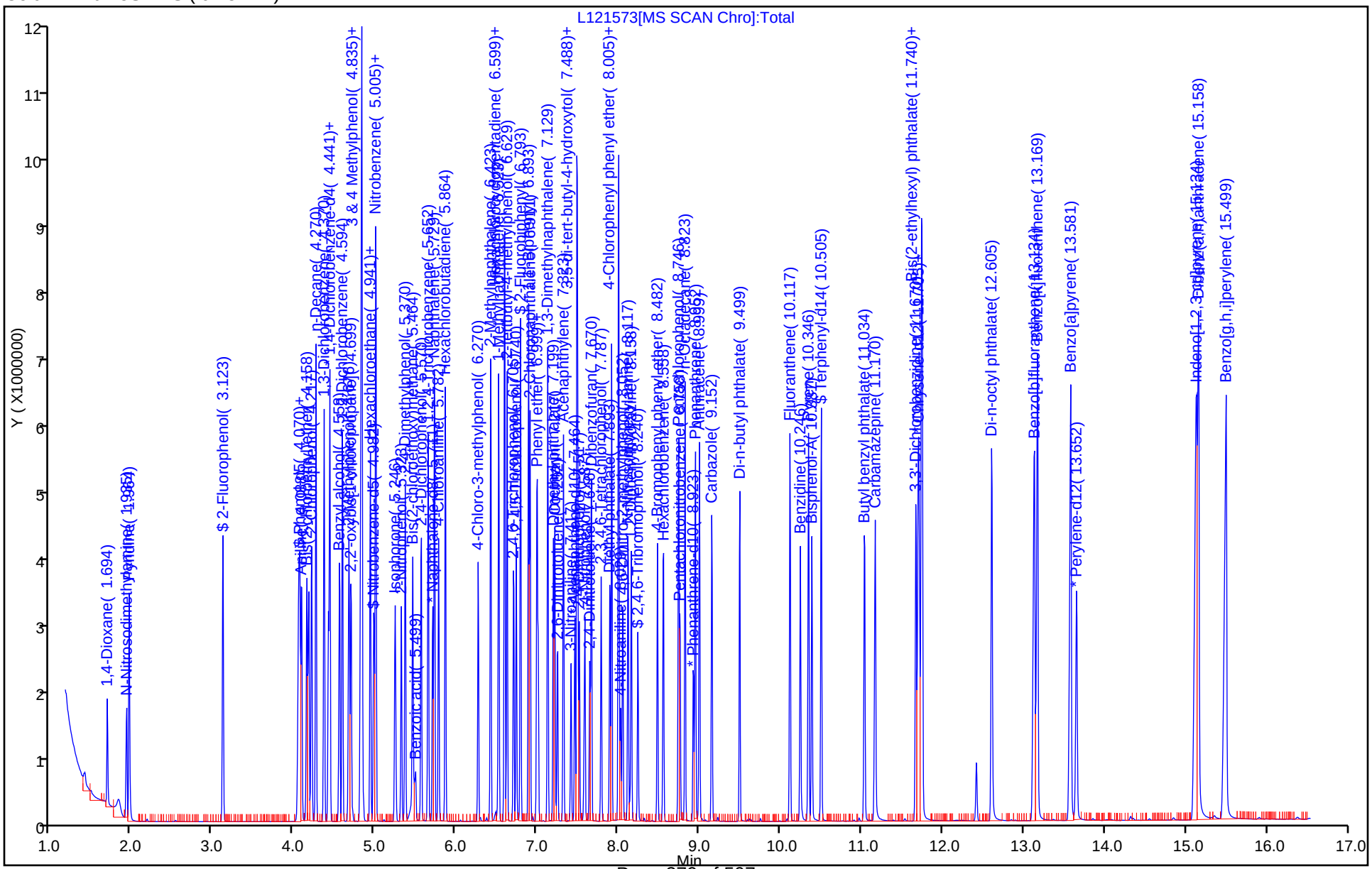
Report Date: 19-May-2015 13:07:24 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121573.D

Injection Date:	19-May-2015 05:42:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 19-May-2015 13:07:27 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121574.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-May-2015 06:07:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-005
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:25 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:21:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.694	1.694	0.000	93	148421	20.0	20.1	
2 N-Nitrosodimethylamine	74	1.923	1.929	-0.006	86	199775	20.0	19.8	
3 Pyridine	79	1.958	1.964	-0.006	94	355981	20.0	20.0	
$ 4 2-Fluorophenol	112	3.111	3.117	-0.006	96	384762	20.0	20.2	
$ 6 Phenol-d5	99	4.041	4.046	-0.005	92	429325	20.0	20.5	
7 Phenol	94	4.052	4.064	-0.012	99	437409	20.0	20.2	
8 Aniline	93	4.082	4.088	-0.006	99	515294	20.0	20.1	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	341728	20.0	20.0	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	393696	20.0	20.3	
11 n-Decane	43	4.264	4.270	-0.006	89	368741	20.0	19.3	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	96	460130	20.0	19.9	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	589056	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	464179	20.0	19.9	
15 Benzyl alcohol	108	4.552	4.558	-0.006	94	227226	20.0	20.9	
16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	97	435409	20.0	20.0	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	319140	20.0	20.7	
18 2,2'-oxybis[1-chloropropan	45	4.694	4.699	-0.005	94	451684	20.0	20.4	
20 3 & 4 Methylphenol	108	4.823	4.829	-0.006	88	354344	20.0	21.0	
21 N-Nitrosodi-n-propylamine	70	4.823	4.829	-0.006	89	225640	20.0	20.7	
19 4-Methylphenol	108	4.823	4.829	-0.006	84	354344	20.0	21.0	
22 Acetophenone	105	4.823	4.829	-0.006	94	458157	20.0	21.0	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	175264	20.0	20.0	
$ 26 Nitrobenzene-d5	82	4.976	4.982	-0.006	86	363652	20.0	20.1	
27 Nitrobenzene	77	4.994	4.999	-0.005	98	482633	20.0	20.0	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	93	543763	20.0	20.4	
29 Isophorone	82	5.235	5.240	-0.005	99	531185	20.0	20.2	
30 2-Nitrophenol	139	5.317	5.323	-0.006	95	193308	20.0	20.2	
31 2,4-Dimethylphenol	122	5.364	5.370	-0.006	92	295729	20.0	20.1	
32 Bis(2-chloroethoxy)methane	93	5.458	5.458	0.000	99	373964	20.0	20.2	
33 Benzoic acid	122	5.446	5.482	-0.036	90	126114	20.0	18.8	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	298754	20.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	356374	20.0	20.2	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2050306	40.0	40.0	
37 Naphthalene	128	5.729	5.729	0.000	100	1056005	20.0	20.2	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	406071	20.0	20.1	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	218093	20.0	19.9	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	94	224195	20.0	19.9	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	85	650988	20.0	20.1	
43 1-Methylnaphthalene	142	6.523	6.523	0.000	93	603158	20.0	20.2	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	97	182317	20.0	19.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	98	326728	20.0	20.7	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	420196	20.0	19.8	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	191797	20.0	21.6	
49 2,4,5-Trichlorophenol	196	6.735	6.740	-0.005	98	191838	20.0	20.5	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	767008	20.0	21.5	
51 1,1'-Biphenyl	154	6.888	6.893	-0.005	95	749559	20.0	20.9	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	99	600730	20.0	20.8	
53 Phenyl ether	170	6.993	6.993	0.000	87	410249	20.0	20.7	
54 2-Nitroaniline	65	7.005	7.005	0.000	94	156835	20.0	20.1	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	94	472702	20.0	20.9	
58 Dimethyl phthalate	163	7.188	7.193	-0.005	99	496531	20.0	19.8	
59 Coumarin	146	7.205	7.211	-0.006	78	161036	20.0	18.4	
60 2,6-Dinitrotoluene	165	7.246	7.246	0.000	95	116651	20.0	21.5	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	821642	20.0	20.8	
62 3-Nitroaniline	138	7.411	7.411	0.000	97	117076	20.0	19.3	
* 63 Acenaphthene-d10	164	7.464	7.464	0.000	97	847388	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	97	507100	20.0	20.0	
65 Acenaphthene	154	7.493	7.493	0.000	95	554991	20.0	21.2	
66 2,4-Dinitrophenol	184	7.511	7.517	-0.006	49	113701	40.0	38.8	
67 4-Nitrophenol	65	7.576	7.581	-0.005	89	126785	40.0	36.6	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	128472	20.0	20.7	
69 Dibenzofuran	168	7.664	7.664	0.000	96	732008	20.0	20.4	
70 2,3,4,6-Tetrachlorophenol	232	7.788	7.787	0.001	97	134886	20.0	20.0	
71 Diethyl phthalate	149	7.888	7.893	-0.005	98	431417	20.0	18.9	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	281628	20.0	20.1	
74 Fluorene	166	7.999	8.005	-0.006	94	534217	20.0	20.2	
75 4-Nitroaniline	138	8.011	8.017	-0.006	87	102352	20.0	18.3	
76 4,6-Dinitro-2-methylphenol	198	8.046	8.052	-0.006	92	139994	40.0	40.7	
77 N-Nitrosodiphenylamine	169	8.117	8.117	0.000	67	347469	20.0	20.0	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	505935	20.0	21.2	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	93	108413	20.0	18.9	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	158890	20.0	20.6	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	182012	20.0	20.5	
83 Pentachlorophenol	266	8.740	8.740	0.000	96	197489	40.0	38.1	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	91	53787	20.0	19.1	
72 n-Octadecane	57	8.823	8.822	0.001	94	286670	20.0	21.2	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1148038	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	615052	20.0	19.8	
87 Anthracene	178	8.993	8.999	-0.006	99	621956	20.0	19.9	
88 Carbazole	167	9.152	9.152	0.000	96	490180	20.0	18.8	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	537437	20.0	17.6	
90 Fluoranthene	202	10.117	10.117	0.000	98	537144	20.0	18.0	
91 Benzidine	184	10.240	10.246	-0.006	99	298819	20.0	17.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	563336	20.0	19.8	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	226524	20.0	18.7	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	454234	20.0	19.4	
95 Butyl benzyl phthalate	149	11.028	11.034	-0.006	96	235061	20.0	20.0	
97 Carbamazepine	193	11.158	11.164	-0.006	92	296343	20.0	20.2	
98 3,3'-Dichlorobenzidine	252	11.664	11.669	-0.005	98	244284	20.0	20.7	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	563553	20.0	19.8	
* 100 Chrysene-d12	240	11.711	11.711	0.000	99	1026461	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	86	396653	20.0	20.1	
101 Chrysene	228	11.740	11.746	-0.006	98	564617	20.0	19.9	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	734499	20.0	20.5	
104 Benzo[b]fluoranthene	252	13.117	13.122	-0.005	99	692514	20.0	22.2	
105 Benzo[k]fluoranthene	252	13.152	13.163	-0.011	99	762990	20.0	21.0	
106 Benzo[a]pyrene	252	13.564	13.575	-0.011	97	702177	20.0	21.2	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1376427	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.099	15.116	-0.017	99	898773	20.0	19.1	
109 Dibenz(a,h)anthracene	278	15.128	15.146	-0.018	97	916260	20.0	21.2	
110 Benzo[g,h,i]perylene	276	15.463	15.481	-0.018	98	971035	20.0	19.8	
S 117 Total Cresols	1				0			41.7	

Reagents:

SV_IC_BNA_L5_00006 Amount Added: 1.00 Units: mL

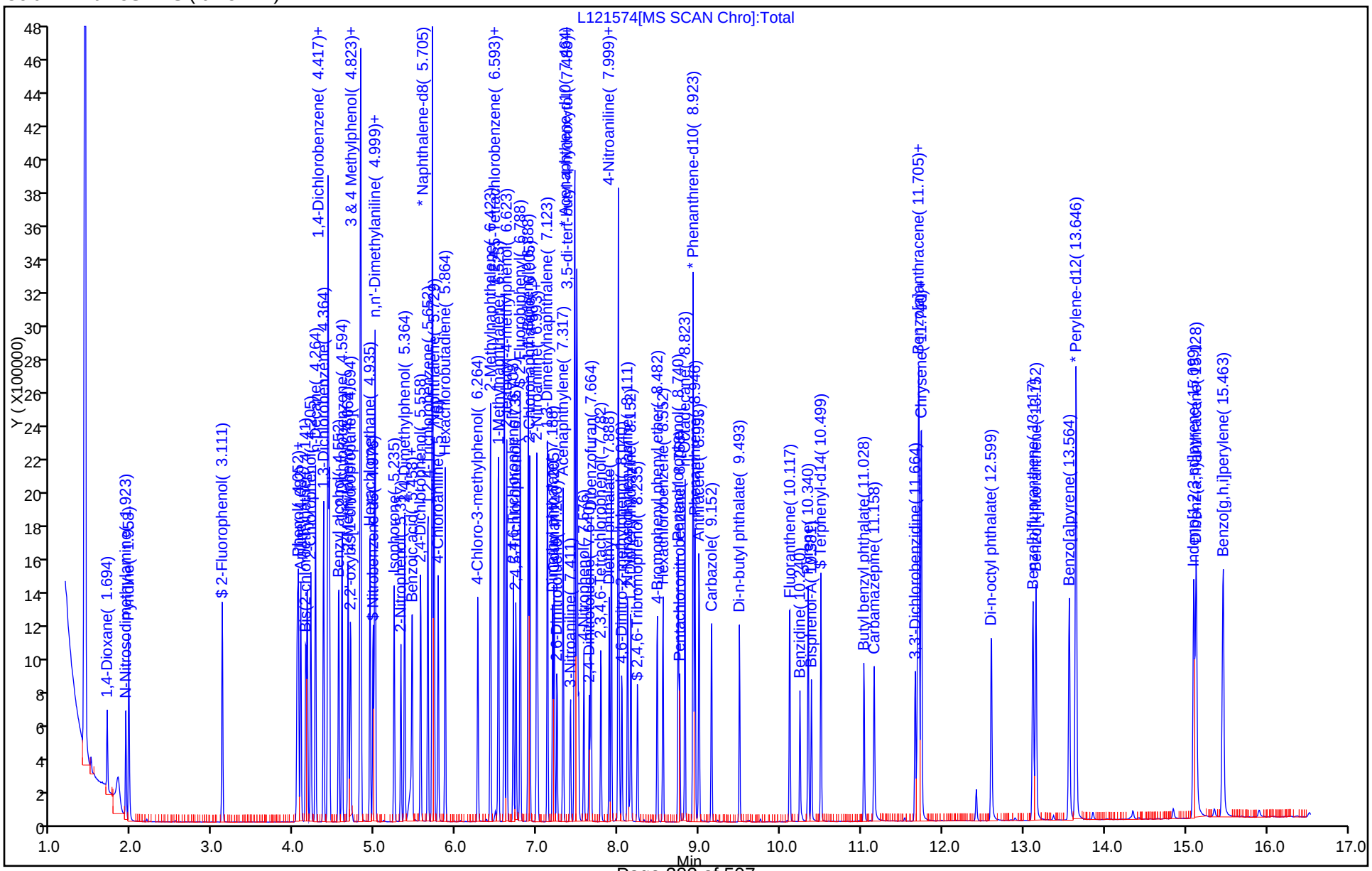
Report Date: 19-May-2015 13:07:27 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121574.D

Injection Date:	19-May-2015 06:07:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-May-2015 06:32:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-006
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:22:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.688	1.694	-0.006	92	48632	10.0	9.61	
2 N-Nitrosodimethylamine	74	1.917	1.929	-0.012	86	68168	10.0	9.86	
3 Pyridine	79	1.958	1.964	-0.006	94	124362	10.0	10.2	
$ 4 2-Fluorophenol	112	3.111	3.117	-0.006	96	133985	10.0	10.3	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	91	149097	10.0	10.4	
7 Phenol	94	4.046	4.064	-0.018	99	148334	10.0	9.98	
8 Aniline	93	4.076	4.088	-0.012	98	177032	10.0	10.1	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	116823	10.0	9.96	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	132902	10.0	9.99	
11 n-Decane	43	4.264	4.270	-0.006	90	128097	10.0	9.76	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	97	158517	10.0	10.0	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	95	403528	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	160788	10.0	10.1	
15 Benzyl alcohol	108	4.546	4.558	-0.012	94	75983	10.0	10.2	
16 1,2-Dichlorobenzene	146	4.588	4.593	-0.005	97	150308	10.0	10.1	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	107300	10.0	10.2	
18 2,2'-oxybis[1-chloropropan	45	4.693	4.699	-0.006	93	154104	10.0	10.1	
20 3 & 4 Methylphenol	108	4.817	4.829	-0.012	75	121723	10.0	10.5	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	91	76459	10.0	10.3	
19 4-Methylphenol	108	4.817	4.829	-0.012	72	121723	10.0	10.5	
22 Acetophenone	105	4.817	4.829	-0.012	95	158254	10.0	10.6	
25 Hexachloroethane	117	4.935	4.940	-0.005	94	59411	10.0	9.87	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	87	124236	10.0	10.2	
27 Nitrobenzene	77	4.993	4.999	-0.006	96	167048	10.0	10.2	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	94	188410	10.0	10.3	
29 Isophorone	82	5.229	5.240	-0.011	99	182367	10.0	10.2	
30 2-Nitrophenol	139	5.317	5.323	-0.006	94	60494	10.0	9.35	
31 2,4-Dimethylphenol	122	5.358	5.370	-0.012	92	100022	10.0	10.0	
32 Bis(2-chloroethoxy)methane	93	5.452	5.458	-0.006	100	125464	10.0	10.0	
33 Benzoic acid	122	5.417	5.482	-0.065	90	33479	10.0	9.43	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	101281	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	119411	10.0	10.0	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	1388203	40.0	40.0	
37 Naphthalene	128	5.723	5.729	-0.006	100	362455	10.0	10.2	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	139640	10.0	10.2	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	96	71517	10.0	9.61	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	94	77022	10.0	10.1	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	86	226365	10.0	10.3	
43 1-Methylnaphthalene	142	6.517	6.523	-0.006	93	208929	10.0	10.3	
44 Hexachlorocyclopentadiene	237	6.593	6.593	0.000	73	55925	10.0	8.27	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	97	111896	10.0	9.89	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	145505	10.0	10.1	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	92	66167	10.0	10.4	
49 2,4,5-Trichlorophenol	196	6.734	6.740	-0.006	98	66409	10.0	9.93	
$ 50 2-Fluorobiphenyl	172	6.787	6.793	-0.006	98	269797	10.0	10.6	
51 1,1'-Biphenyl	154	6.887	6.893	-0.006	95	263095	10.0	10.3	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	99	211164	10.0	10.2	
53 Phenyl ether	170	6.993	6.993	0.000	87	146343	10.0	10.3	
54 2-Nitroaniline	65	6.999	7.005	-0.006	96	58147	10.0	10.4	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	93	170295	10.0	10.5	
58 Dimethyl phthalate	163	7.187	7.193	-0.006	99	187720	10.0	10.5	
59 Coumarin	146	7.205	7.211	-0.006	78	65938	10.0	11.1	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	96	42567	10.0	11.0	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	297677	10.0	10.5	
62 3-Nitroaniline	138	7.405	7.411	-0.006	96	44478	10.0	10.3	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	96	606656	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	96	179497	10.0	9.91	
65 Acenaphthene	154	7.493	7.493	0.000	95	202440	10.0	10.8	
66 2,4-Dinitrophenol	184	7.511	7.517	-0.006	38	36563	20.0	20.0	
67 4-Nitrophenol	65	7.570	7.581	-0.011	91	53654	20.0	21.6	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	49195	10.0	11.1	
69 Dibenzofuran	168	7.658	7.664	-0.006	97	273503	10.0	10.6	
70 2,3,4,6-Tetrachlorophenol	232	7.781	7.787	-0.006	96	48829	10.0	10.1	
71 Diethyl phthalate	149	7.887	7.893	-0.006	99	171142	10.0	10.5	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	103765	10.0	10.4	
74 Fluorene	166	7.999	8.005	-0.006	94	201335	10.0	10.6	
75 4-Nitroaniline	138	8.005	8.017	-0.012	86	41714	10.0	10.4	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	88	50417	20.0	19.7	
77 N-Nitrosodiphenylamine	169	8.111	8.117	-0.006	66	139727	10.0	9.65	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	195164	10.0	9.81	
$ 79 2,4,6-Tribromophenol	330	8.234	8.240	-0.006	92	42715	10.0	10.6	
80 4-Bromophenyl phenyl ether	248	8.481	8.481	0.000	95	59925	10.0	9.36	
81 Hexachlorobenzene	284	8.552	8.552	0.000	94	72645	10.0	9.84	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	75003	20.0	18.7	
84 Pentachloronitrobenzene	237	8.758	8.758	0.000	90	22564	10.0	9.63	
72 n-Octadecane	57	8.823	8.822	0.001	95	100041	10.0	8.89	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	954898	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	258136	10.0	10.0	
87 Anthracene	178	8.993	8.999	-0.006	99	254277	10.0	9.78	
88 Carbazole	167	9.146	9.152	-0.006	96	210564	10.0	9.73	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	99	219894	10.0	9.80	
90 Fluoranthene	202	10.117	10.117	0.000	98	228997	10.0	9.24	
91 Benzidine	184	10.240	10.246	-0.006	99	104170	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	241324	10.0	11.3	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	80032	10.0	8.81	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	191313	10.0	10.9	
95 Butyl benzyl phthalate	149	11.028	11.034	-0.006	96	80614	10.0	9.11	
97 Carbamazepine	193	11.152	11.164	-0.012	92	104706	10.0	9.51	
98 3,3'-Dichlorobenzidine	252	11.664	11.669	-0.005	98	76940	10.0	8.67	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	99	208062	10.0	9.74	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	771282	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	74	135447	10.0	9.11	
101 Chrysene	228	11.734	11.746	-0.012	99	212606	10.0	9.97	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	245581	10.0	10.1	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	214529	10.0	10.1	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	256489	10.0	10.4	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	225273	10.0	10.0	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	934389	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	304823	10.0	9.64	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	96	306126	10.0	10.4	
110 Benzo[g,h,i]perylene	276	15.452	15.481	-0.029	98	321971	10.0	9.67	
S 117 Total Cresols	1				0			20.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L4_00006 Amount Added: 1.00 Units: mL

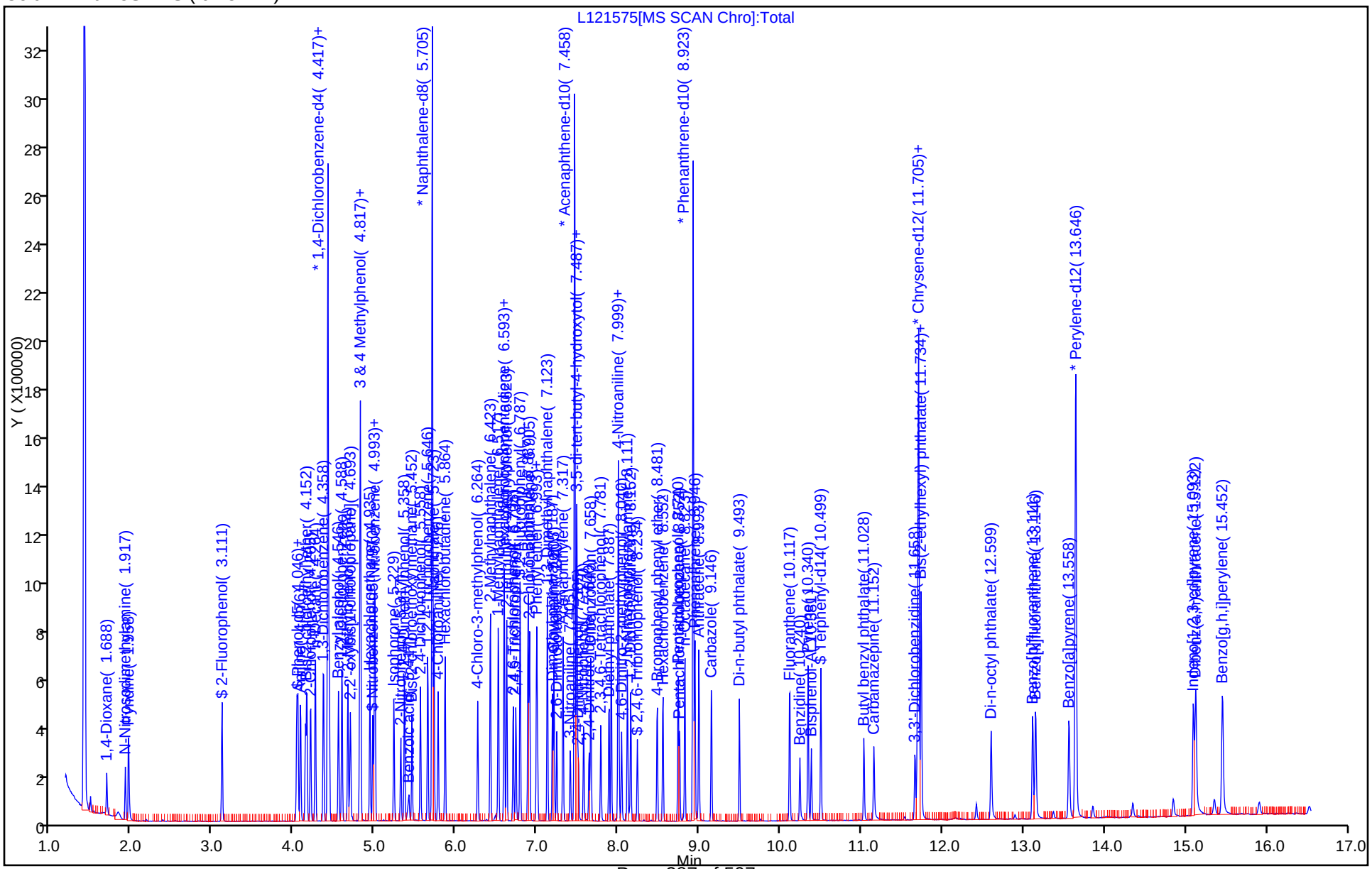
Report Date: 19-May-2015 13:07:30 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D

Injection Date:	19-May-2015 06:32:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

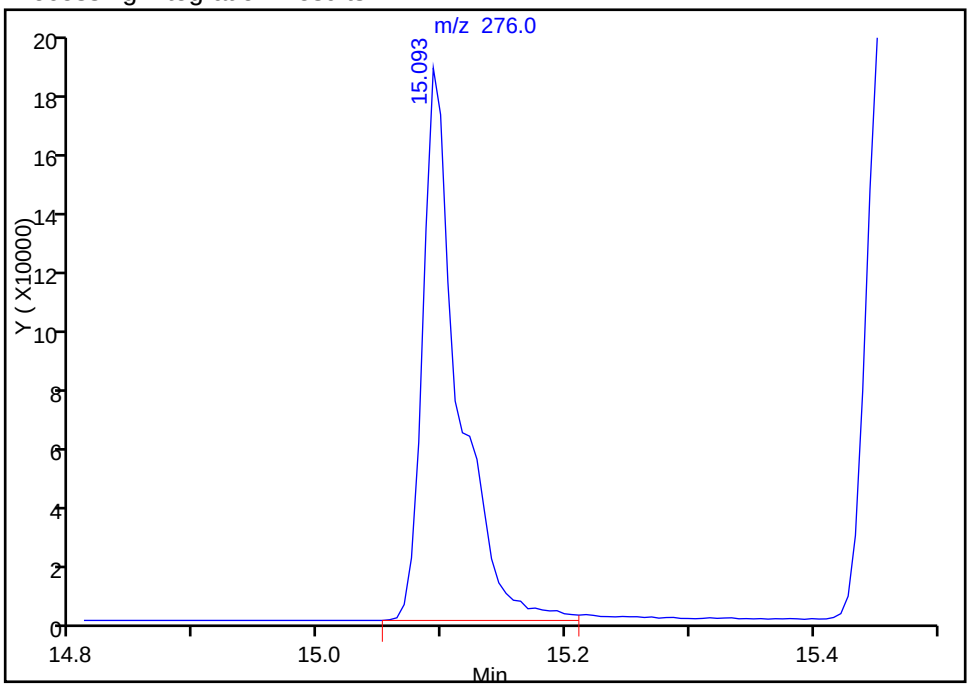
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121575.D
Injection Date: 19-May-2015 06:32:30 Instrument ID: CBNAMS12
Lims ID: STD10
Client ID:
Operator ID: BNA 12 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

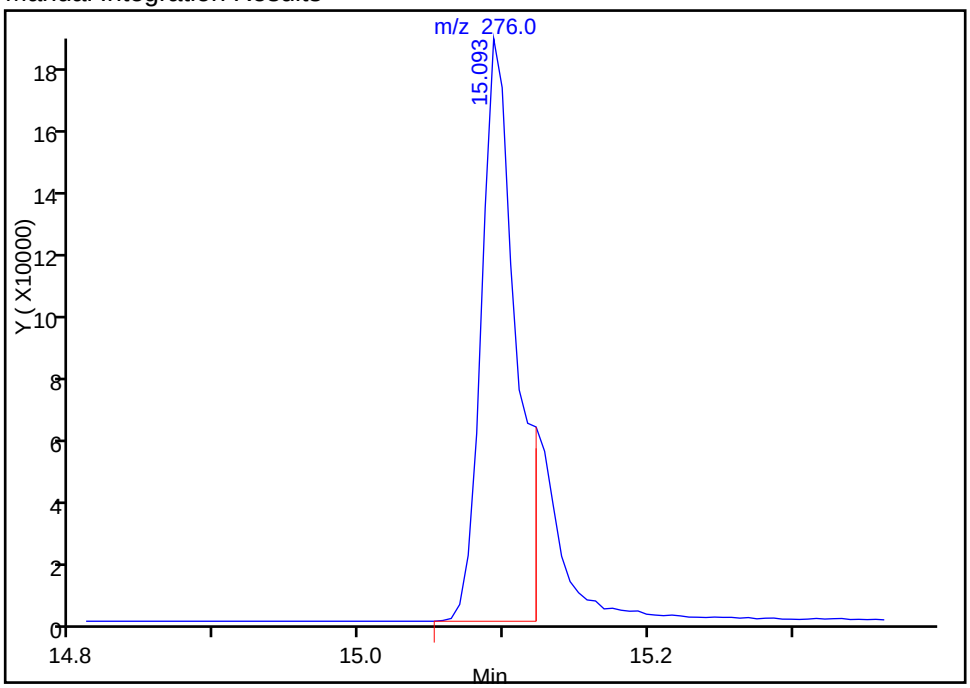
Processing Integration Results

RT: 15.09
Area: 363596
Amount: 10.827870
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 304823
Amount: 9.637315
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:22:21
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-May-2015 06:57:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-007
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:33 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 07:24:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.700	1.694	0.006	92	45383	5.00	4.91	
2 N-Nitrosodimethylamine	74	1.929	1.929	0.000	87	62266	5.00	4.93	
3 Pyridine	79	1.970	1.964	0.006	94	109186	5.00	4.89	
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	114133	5.00	4.80	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	86	131801	5.00	5.02	
7 Phenol	94	4.047	4.064	-0.017	99	136238	5.00	5.02	
8 Aniline	93	4.082	4.088	-0.006	98	160244	5.00	4.99	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	106864	5.00	4.99	
10 2-Chlorophenol	128	4.205	4.211	-0.006	97	122217	5.00	5.03	
11 n-Decane	43	4.264	4.270	-0.006	90	116280	5.00	4.85	
12 1,3-Dichlorobenzene	146	4.364	4.370	-0.006	97	144660	5.00	4.99	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	737171	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.435	4.440	-0.005	96	147581	5.00	5.07	
15 Benzyl alcohol	108	4.547	4.558	-0.011	93	68817	5.00	5.05	
16 1,2-Dichlorobenzene	146	4.594	4.593	0.001	97	135419	5.00	4.98	
17 2-Methylphenol	108	4.664	4.670	-0.006	91	99749	5.00	5.17	
18 2,2'-oxybis[1-chloropropan	45	4.694	4.699	-0.005	93	142140	5.00	5.12	
20 3 & 4 Methylphenol	108	4.817	4.829	-0.012	76	109817	5.00	5.20	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	91	70060	5.00	5.14	
19 4-Methylphenol	108	4.817	4.829	-0.012	73	109817	5.00	5.20	
22 Acetophenone	105	4.817	4.829	-0.012	95	144928	5.00	5.30	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	54368	5.00	4.95	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	88	108127	5.00	4.78	
27 Nitrobenzene	77	4.994	4.999	-0.005	95	151161	5.00	5.01	
28 n,n'-Dimethylaniline	120	4.999	5.005	-0.006	92	165058	5.00	4.95	
29 Isophorone	82	5.229	5.240	-0.011	99	166759	5.00	5.05	
30 2-Nitrophenol	139	5.317	5.323	-0.006	94	55396	5.00	4.63	
31 2,4-Dimethylphenol	122	5.358	5.370	-0.012	92	91819	5.00	4.98	
32 Bis(2-chloroethoxy)methane	93	5.452	5.458	-0.006	99	114105	5.00	4.91	
33 Benzoic acid	122	5.411	5.482	-0.071	88	18776	5.00	5.21	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	90994	5.00	4.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.652	5.652	0.000	94	109185	5.00	4.94	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2568716	40.0	40.0	
37 Naphthalene	128	5.723	5.729	-0.006	99	334423	5.00	5.10	
38 4-Chloroaniline	127	5.776	5.782	-0.006	98	125719	5.00	4.97	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	97	66448	5.00	4.83	
41 4-Chloro-3-methylphenol	107	6.264	6.270	-0.006	95	69815	5.00	4.96	
42 2-Methylnaphthalene	142	6.423	6.423	0.000	86	206283	5.00	5.07	
43 1-Methylnaphthalene	142	6.517	6.523	-0.006	93	188891	5.00	5.04	
44 Hexachlorocyclopentadiene	237	6.588	6.593	-0.005	97	48188	5.00	3.97	
45 1,2,4,5-Tetrachlorobenzene	216	6.593	6.599	-0.006	98	101982	5.00	5.02	
46 2-tertbutyl-4-methylphenol	149	6.623	6.629	-0.006	92	125613	5.00	4.73	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	93	56383	5.00	4.94	
49 2,4,5-Trichlorophenol	196	6.735	6.740	-0.005	98	56884	5.00	4.74	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	235099	5.00	5.14	
51 1,1'-Biphenyl	154	6.888	6.893	-0.005	94	236924	5.00	5.15	
52 2-Chloronaphthalene	162	6.905	6.911	-0.006	98	186936	5.00	5.04	
53 Phenyl ether	170	6.993	6.993	0.000	87	126876	5.00	4.99	
54 2-Nitroaniline	65	6.999	7.005	-0.006	95	48788	5.00	4.88	
55 1,3-Dimethylnaphthalene	156	7.123	7.128	-0.005	93	147324	5.00	5.07	
58 Dimethyl phthalate	163	7.188	7.193	-0.005	99	156612	5.00	4.87	
59 Coumarin	146	7.205	7.211	-0.006	77	51025	5.00	4.65	
60 2,6-Dinitrotoluene	165	7.241	7.246	-0.006	96	34953	5.00	5.02	
61 Acenaphthylene	152	7.317	7.323	-0.006	98	258266	5.00	5.08	
62 3-Nitroaniline	138	7.405	7.411	-0.006	96	34529	5.00	4.44	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	97	1088321	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.482	7.487	-0.005	96	149840	5.00	4.61	
65 Acenaphthene	154	7.493	7.493	0.000	95	170432	5.00	5.08	
66 2,4-Dinitrophenol	184	7.505	7.517	-0.012	94	22272	10.0	9.47	
67 4-Nitrophenol	65	7.570	7.581	-0.011	90	34418	10.0	7.73	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	97	37808	5.00	4.74	
69 Dibenzofuran	168	7.658	7.664	-0.006	96	234989	5.00	5.09	
70 2,3,4,6-Tetrachlorophenol	232	7.782	7.787	-0.005	95	38150	5.00	4.40	
71 Diethyl phthalate	149	7.882	7.893	-0.011	98	131029	5.00	4.47	
73 4-Chlorophenyl phenyl ethe	204	7.999	7.999	0.000	79	88144	5.00	4.91	
74 Fluorene	166	7.999	8.005	-0.006	94	168890	5.00	4.97	
75 4-Nitroaniline	138	8.005	8.017	-0.012	88	28080	5.00	3.91	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	89	31572	10.0	9.53	
77 N-Nitrosodiphenylamine	169	8.111	8.117	-0.006	67	109335	5.00	4.89	
78 1,2-Diphenylhydrazine	77	8.152	8.158	-0.006	97	160399	5.00	5.22	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	91	32458	5.00	4.77	
80 4-Bromophenyl phenyl ether	248	8.482	8.481	0.001	95	48950	5.00	4.95	
81 Hexachlorobenzene	284	8.552	8.552	0.000	95	56175	5.00	4.92	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	47800	10.0	9.05	
84 Pentachloronitrobenzene	237	8.752	8.758	-0.006	90	15058	5.00	4.16	
72 n-Octadecane	57	8.817	8.822	-0.005	95	81835	5.00	4.70	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1475517	40.0	40.0	
86 Phenanthrene	178	8.946	8.946	0.000	97	199261	5.00	4.99	
87 Anthracene	178	8.993	8.999	-0.006	99	190405	5.00	4.74	
88 Carbazole	167	9.146	9.152	-0.006	96	141785	5.00	4.24	
89 Di-n-butyl phthalate	149	9.493	9.493	0.000	100	131626	5.00	5.17	
90 Fluoranthene	202	10.111	10.117	-0.006	98	145280	5.00	3.79	
91 Benzidine	184	10.240	10.246	-0.006	99	52250	5.00	6.62	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.340	10.346	-0.006	97	147582	5.00	6.09	
93 Bisphenol-A	213	10.381	10.387	-0.006	99	46643	5.00	4.52	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	109309	5.00	5.47	
95 Butyl benzyl phthalate	149	11.029	11.034	-0.006	97	41192	5.00	4.10	
97 Carbamazepine	193	11.152	11.164	-0.012	92	57465	5.00	4.60	
98 3,3'-Dichlorobenzidine	252	11.658	11.669	-0.011	97	40873	5.00	4.06	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	99	115707	5.00	4.77	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	875806	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.734	11.740	-0.006	77	84075	5.00	4.98	
101 Chrysene	228	11.734	11.746	-0.012	99	115763	5.00	4.78	
103 Di-n-octyl phthalate	149	12.599	12.605	-0.006	96	161962	5.00	5.05	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	129210	5.00	4.62	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	153762	5.00	4.73	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	141493	5.00	4.77	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1232107	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	205459	5.00	5.04	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	97	194319	5.00	5.02	
110 Benzo[g,h,i]perylene	276	15.452	15.481	-0.029	98	211490	5.00	4.82	
S 117 Total Cresols	1				0			10.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00008 Amount Added: 1.00 Units: mL

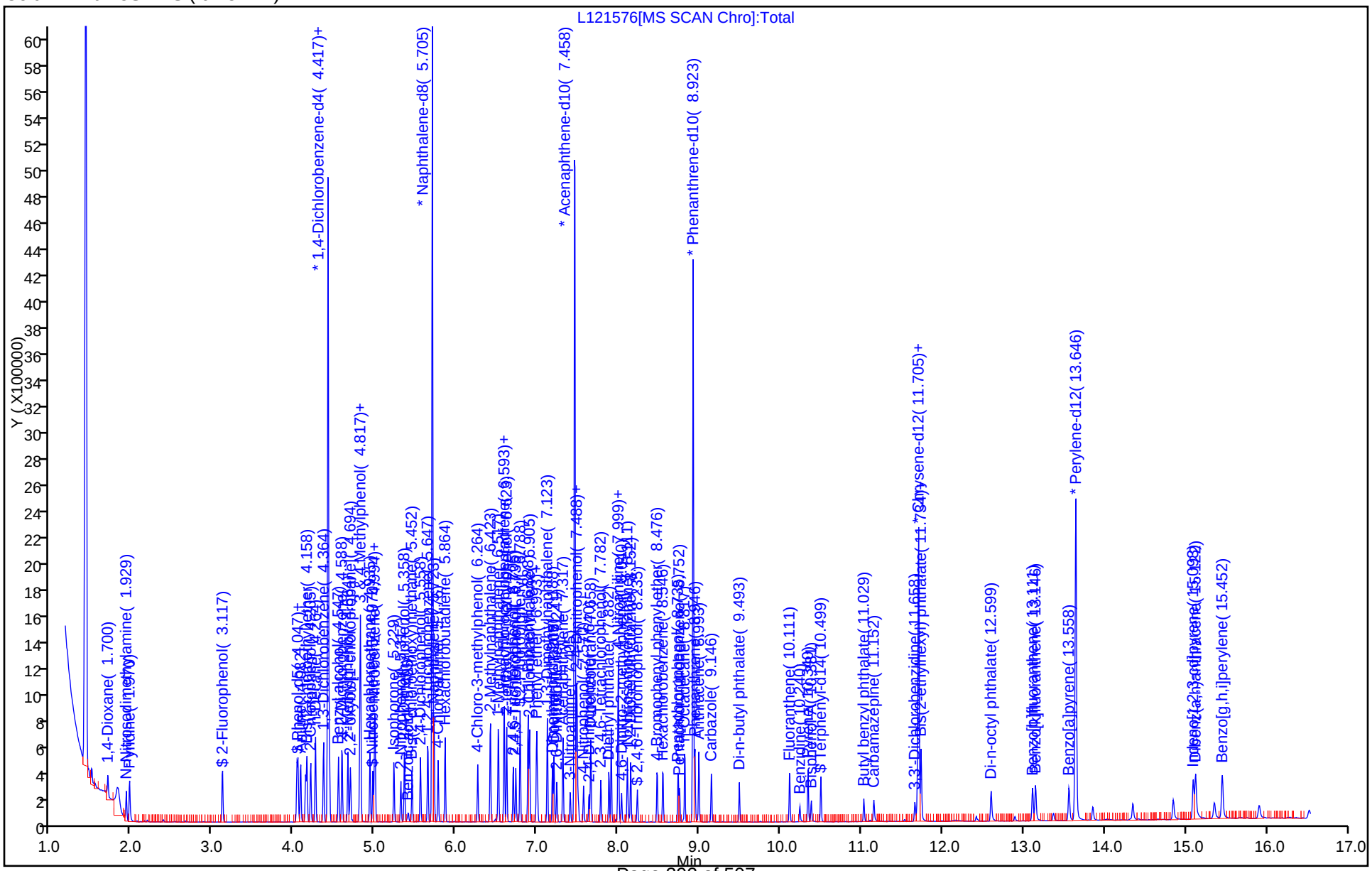
Report Date: 19-May-2015 13:07:34 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D

Injection Date:	19-May-2015 06:57:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

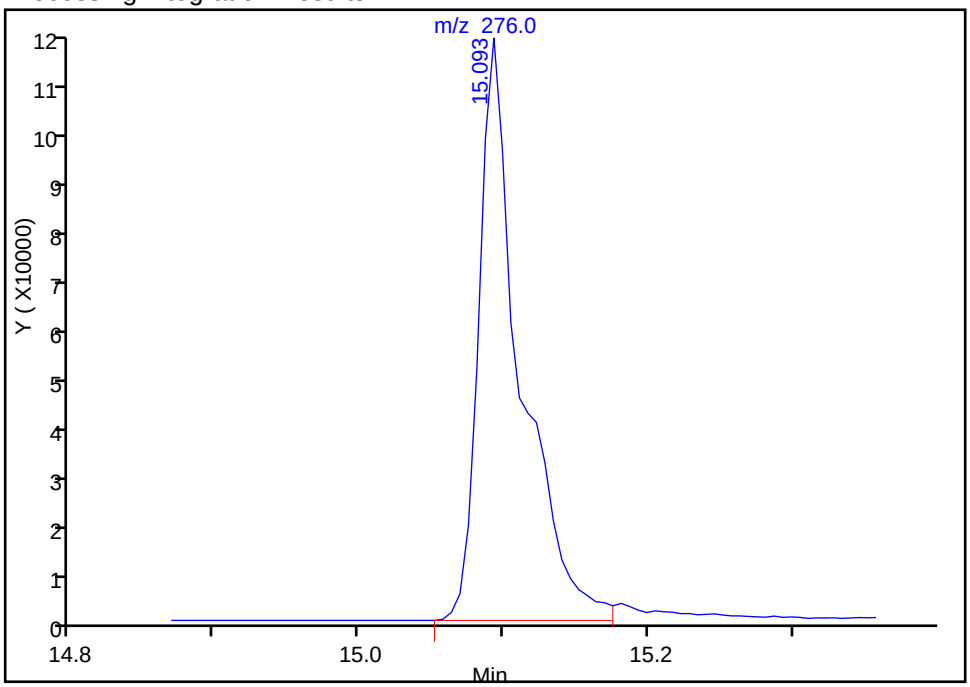
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121576.D
Injection Date: 19-May-2015 06:57:30 Instrument ID: CBNAMS12
Lims ID: STD5
Client ID:
Operator ID: BNA 12 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

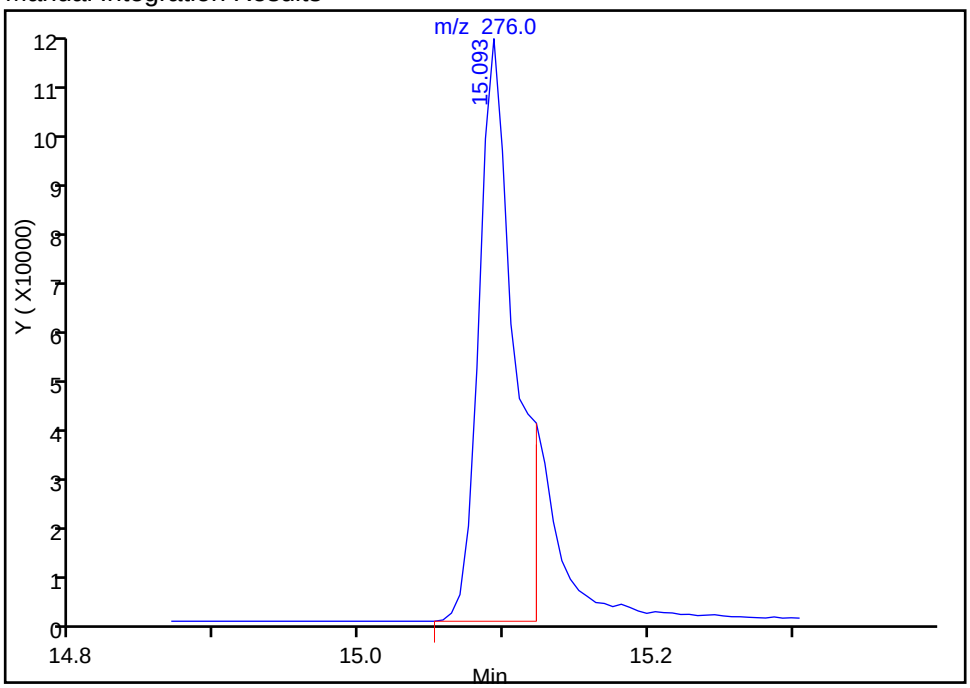
Processing Integration Results

RT: 15.09
Area: 239157
Amount: 5.462508
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 205459
Amount: 5.038684
Amount Units: ug/ml



Reviewer: asfawa, 19-May-2015 07:24:07
Audit Action: Split an Integrated Peak
Audit Reason: Baseline

Report Date: 19-May-2015 13:07:38 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121577.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-May-2015 07:21:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-008
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:36 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:06:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	47865	2.00	2.08	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	87	56231	2.00	2.22	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	99	40521	2.00	1.96	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	712647	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	90	26607	2.00	2.02	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	20035	2.00	1.89	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	85	47606	2.00	2.18	
27 Nitrobenzene	77	4.993	4.999	-0.006	94	57112	2.00	1.96	
29 Isophorone	82	5.229	5.240	-0.011	99	63538	2.00	1.99	
34 2,4-Dichlorophenol	162	5.558	5.564	-0.006	96	33434	2.00	1.87	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	40722	2.00	1.91	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2482481	40.0	40.0	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	95	23895	2.00	1.80	
48 2,4,6-Trichlorophenol	196	6.705	6.705	0.000	90	19575	2.00	1.58	
$ 50 2-Fluorobiphenyl	172	6.787	6.793	-0.006	98	101836	2.00	2.06	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	95	11567	2.00	1.53	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	93	1178352	40.0	40.0	
66 2,4-Dinitrophenol	184	7.505	7.517	-0.012	12	5339	4.00	5.15	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	96	12316	2.00	1.43	
76 4,6-Dinitro-2-methylphenol	198	8.040	8.052	-0.012	90	8057	4.00	4.29	
$ 79 2,4,6-Tribromophenol	330	8.234	8.240	-0.006	91	11830	2.00	1.92	
81 Hexachlorobenzene	284	8.552	8.552	0.000	93	21224	2.00	1.94	
83 Pentachlorophenol	266	8.740	8.740	0.000	95	12962	4.00	4.21	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1417125	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	99	41999	2.00	2.30	
98 3,3'-Dichlorobenzidine	252	11.658	11.669	-0.011	98	14469	2.00	1.57	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	40986	2.00	1.85	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	799174	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	98	42640	2.00	1.68	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	52701	2.00	1.78	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	97	46944	2.00	1.74	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1121803	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	97	59749	2.00	1.77	
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	64803	2.00	1.84	

Reagents:

SV_IC_BNA_L0_00004 Amount Added: 1.00 Units: mL

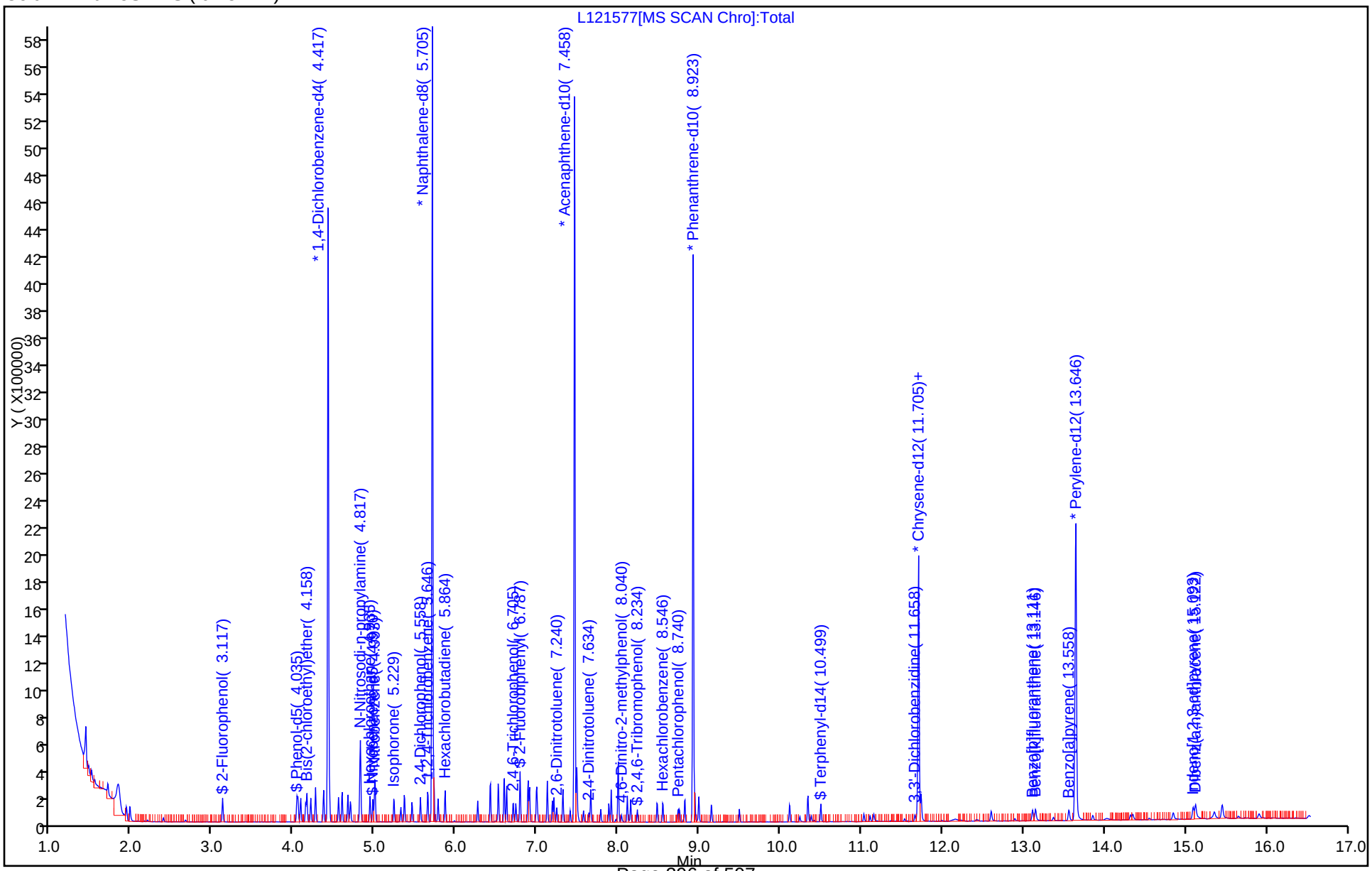
Report Date: 19-May-2015 13:07:38 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121577.D

Injection Date:	19-May-2015 07:21:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-May-2015 07:46:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-009
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:40 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:07:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.117	3.117	0.000	96	17341	1.00	0.9014	
$ 6 Phenol-d5	99	4.035	4.046	-0.011	86	19722	1.00	0.9296	
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	97	17054	1.00	0.9849	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	595964	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	89	11050	1.00	1.00	
25 Hexachloroethane	117	4.935	4.940	-0.005	93	9115	1.00	1.03	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	85	17046	1.00	0.9356	
27 Nitrobenzene	77	4.994	4.999	-0.005	94	24698	1.00	1.02	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	92	16783	1.00	0.9424	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2069536	40.0	40.0	
39 Hexachlorobutadiene	225	5.864	5.864	0.000	96	10764	1.00	0.9706	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	98	36225	1.00	0.8653	
60 2,6-Dinitrotoluene	165	7.240	7.246	-0.006	93	4907	1.00	0.7696	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	93	996594	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.640	7.646	-0.006	94	5202	1.00	0.7128	
$ 79 2,4,6-Tribromophenol	330	8.235	8.240	-0.005	88	3847	1.00	1.03	
81 Hexachlorobenzene	284	8.546	8.552	-0.006	94	9751	1.00	0.9545	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1321439	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	98	20259	1.00	0.9762	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	26219	1.00	1.04	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	909025	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	98	24089	1.00	0.8825	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	99	29759	1.00	0.9373	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	98	25302	1.00	0.8743	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1203381	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.093	15.116	-0.023	99	27761	1.00	0.8953	M
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	32970	1.00	0.8724	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L2_00006 Amount Added: 1.00 Units: mL

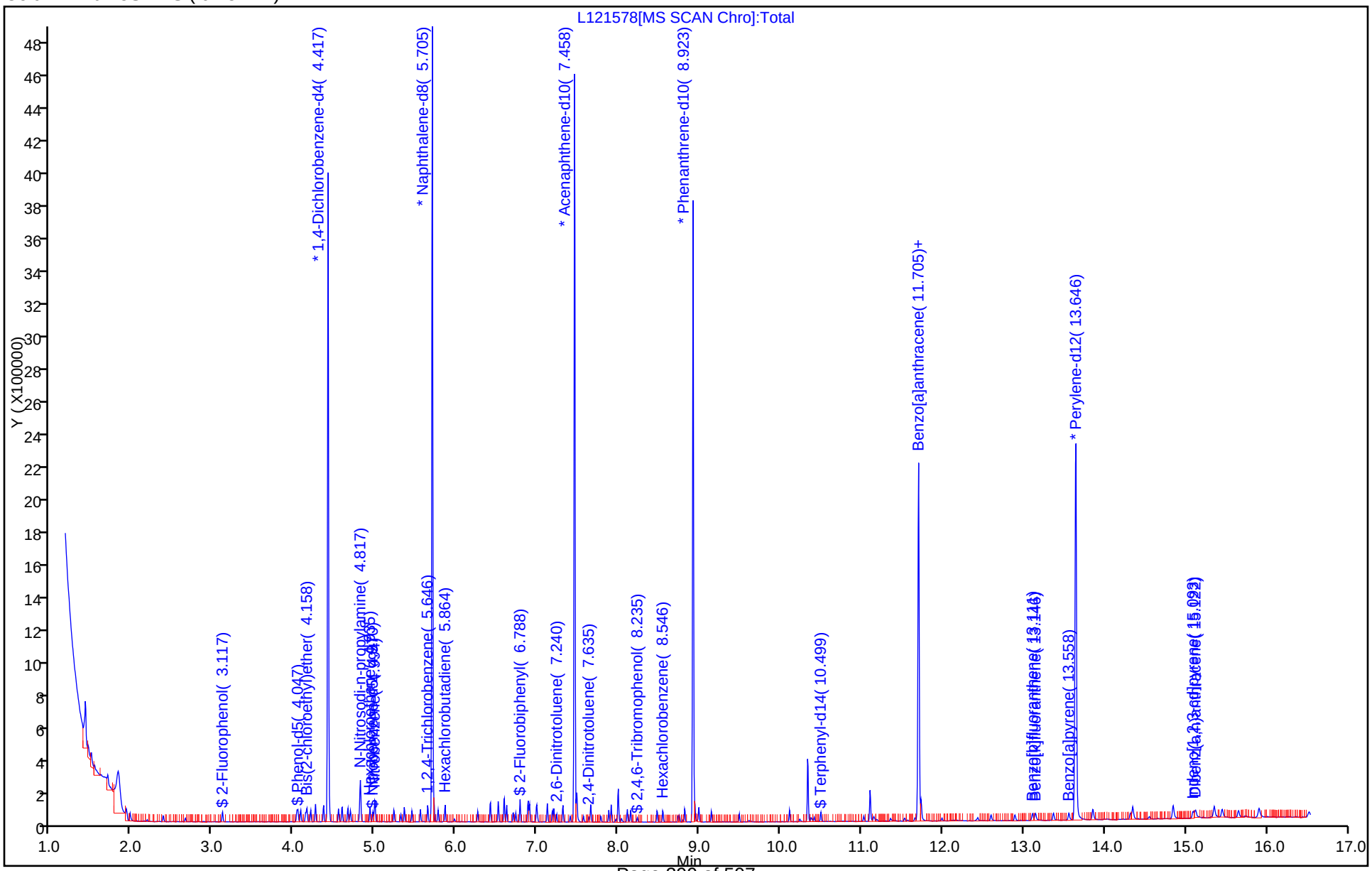
Report Date: 19-May-2015 13:07:41 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D

Injection Date:	19-May-2015 07:46:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Manual Integration/User Assign Peak Report

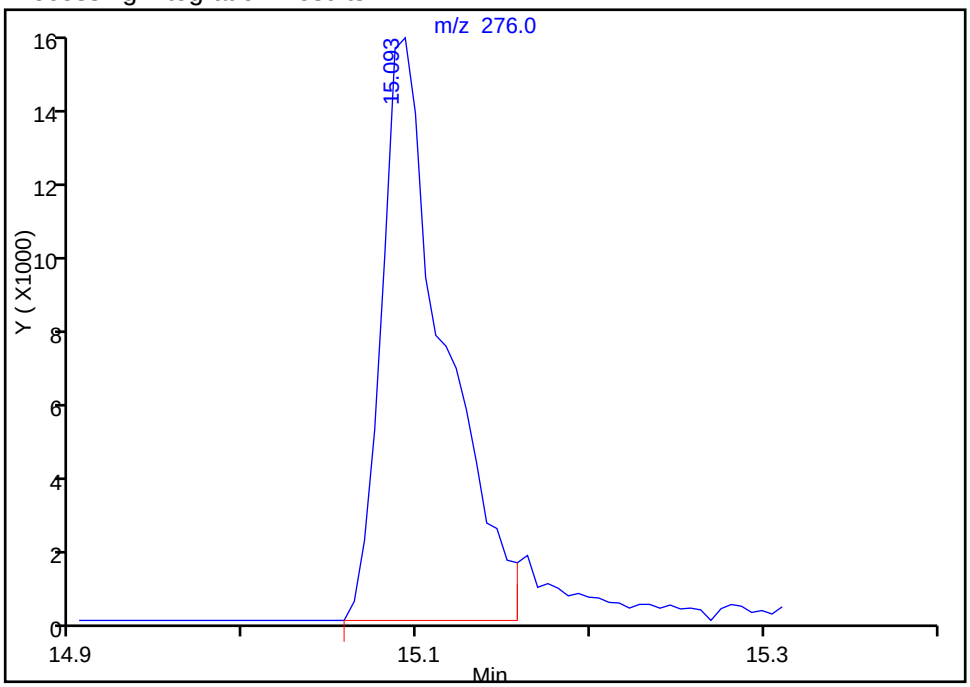
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121578.D
Injection Date: 19-May-2015 07:46:30 Instrument ID: CBNAMS12
Lims ID: STD1
Client ID:
Operator ID: BNA 12 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

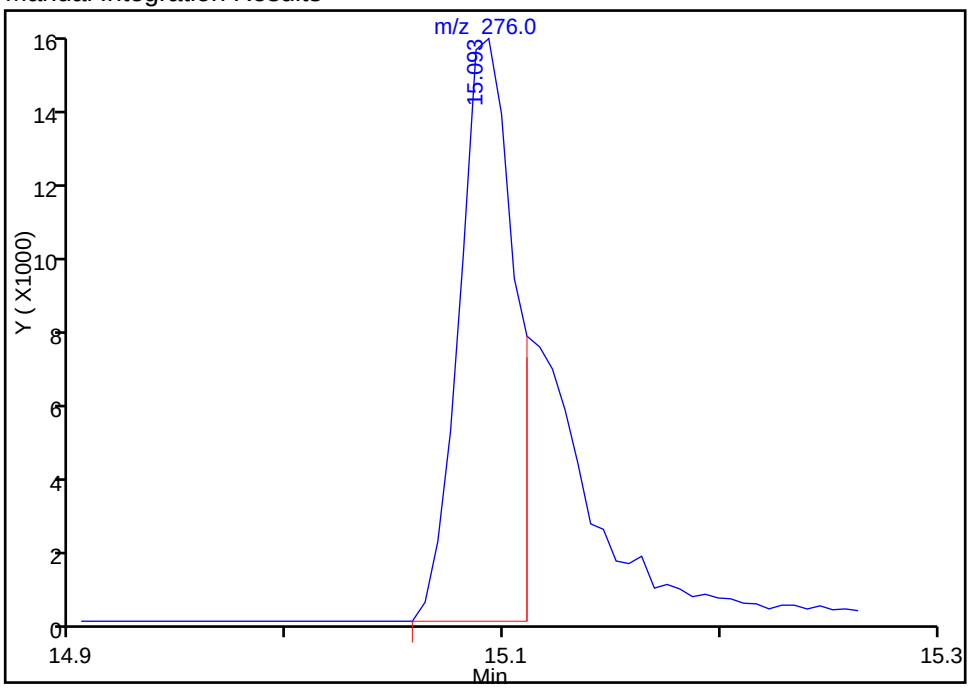
Processing Integration Results

RT: 15.09
Area: 39101
Amount: 1.006713
Amount Units: ug/ml



Manual Integration Results

RT: 15.09
Area: 27761
Amount: 0.895319
Amount Units: ug/ml



Reviewer: szczecha, 19-May-2015 12:11:26
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-May-2015 08:11:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-010
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:44 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: szczecha Date: 19-May-2015 12:08:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.141	4.152	-0.011	98	9849	0.5000	0.5390	
* 13 1,4-Dichlorobenzene-d4	152	4.417	4.423	-0.006	96	628955	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.817	4.829	-0.012	87	6123	0.5000	0.5268	
25 Hexachloroethane	117	4.935	4.940	-0.005	91	4527	0.5000	0.4827	
$ 26 Nitrobenzene-d5	82	4.970	4.982	-0.012	87	9168	0.5000	0.4633	
27 Nitrobenzene	77	4.994	4.999	-0.005	96	12414	0.5000	0.4700	
35 1,2,4-Trichlorobenzene	180	5.646	5.652	-0.006	94	9535	0.5000	0.4929	
* 36 Naphthalene-d8	136	5.705	5.705	0.000	99	2247940	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.788	6.793	-0.005	97	20926	0.5000	0.4886	
* 63 Acenaphthene-d10	164	7.458	7.464	-0.006	97	1019546	40.0	40.0	
81 Hexachlorobenzene	284	8.552	8.552	0.000	93	5477	0.5000	0.4918	
* 85 Phenanthrene-d10	188	8.923	8.922	0.001	98	1440630	40.0	40.0	
$ 94 Terphenyl-d14	244	10.499	10.499	0.000	98	9629	0.5000	0.5090	
99 Benzo[a]anthracene	228	11.693	11.699	-0.006	98	11736	0.5000	0.5114	
* 100 Chrysene-d12	240	11.705	11.711	-0.006	99	828577	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.111	13.122	-0.011	99	10632	0.5000	0.4020	
105 Benzo[k]fluoranthene	252	13.146	13.163	-0.017	98	13973	0.5000	0.4542	
106 Benzo[a]pyrene	252	13.558	13.575	-0.017	96	11766	0.5000	0.4196	
* 107 Perylene-d12	264	13.646	13.652	-0.006	99	1165993	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.087	15.116	-0.029	98	12582	0.5000	0.5413	
109 Dibenz(a,h)anthracene	278	15.122	15.146	-0.024	95	14089	0.5000	0.3848	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

SV_IC_BNA_L1_00006 Amount Added: 1.00 Units: mL

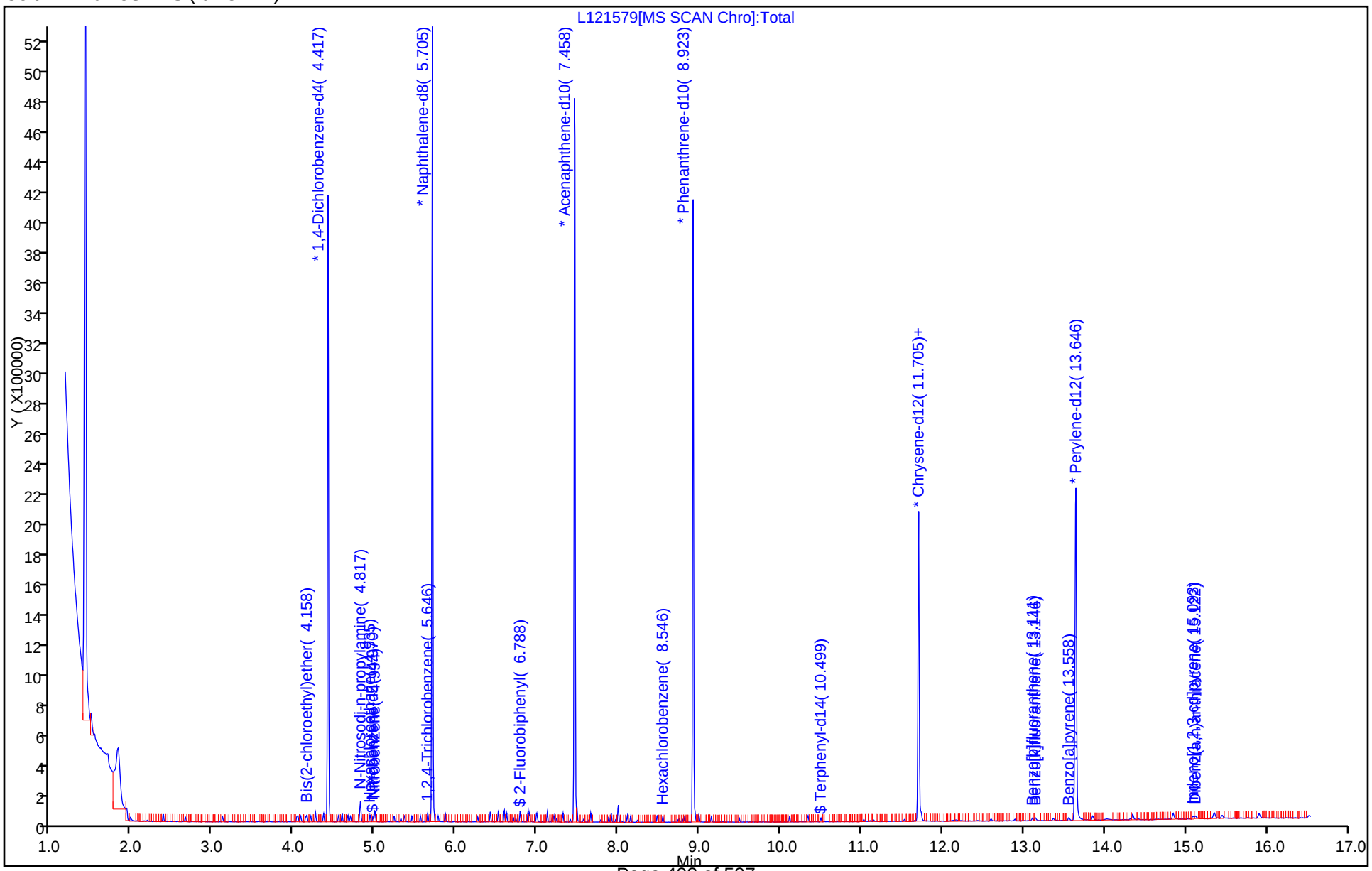
Report Date: 19-May-2015 13:07:45 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D

Injection Date:	19-May-2015 08:11:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



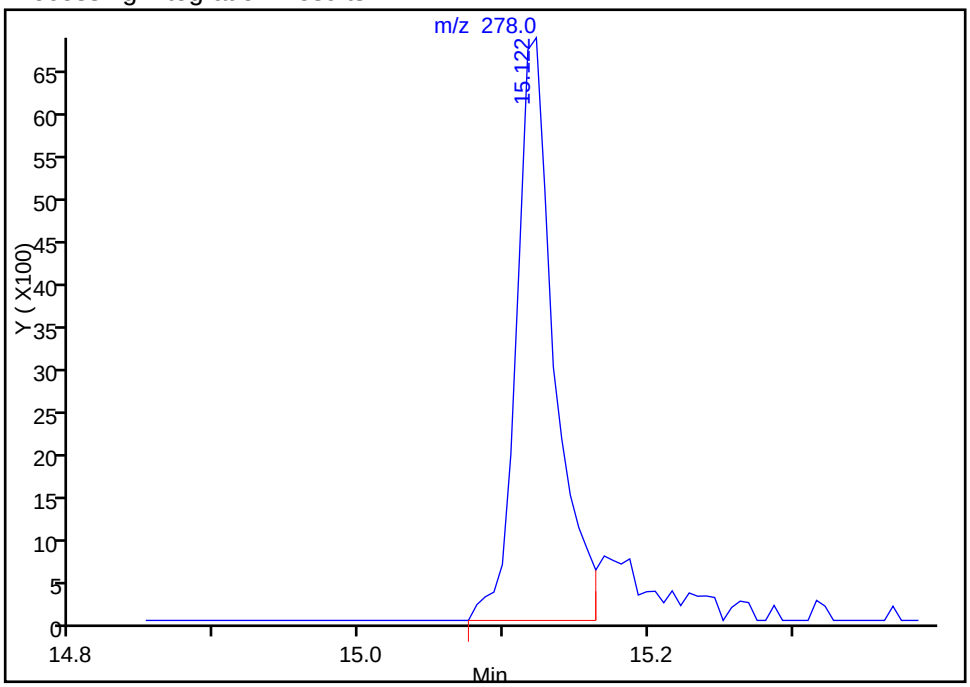
TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121579.D
Injection Date: 19-May-2015 08:11:30 Instrument ID: CBNAMS12
Lims ID: STD05
Client ID:
Operator ID: BNA 12 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

109 Dibenz(a,h)anthracene, CAS: 53-70-3

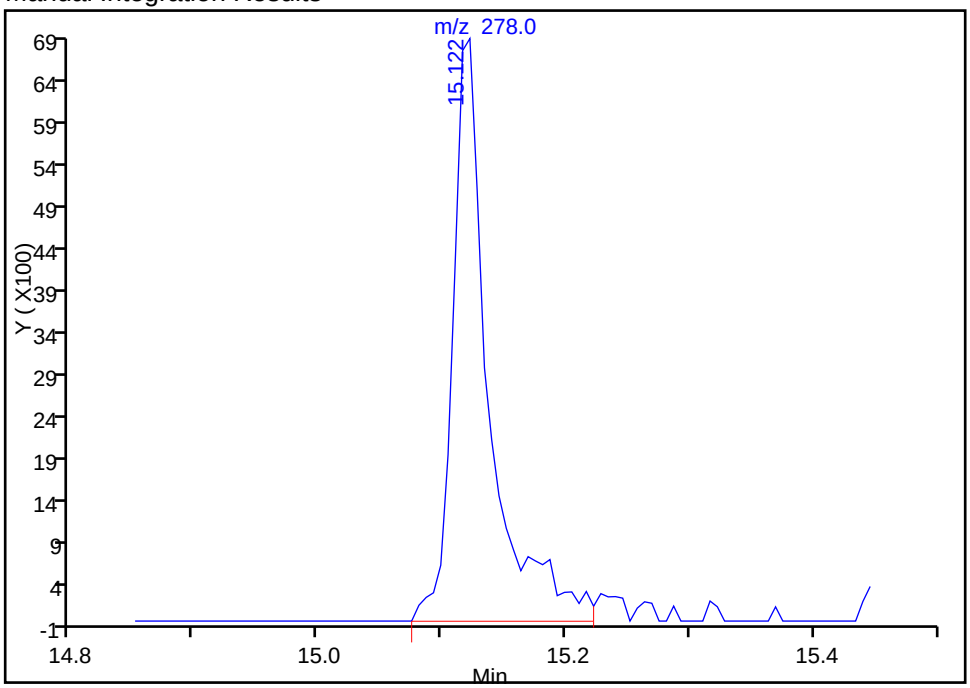
Processing Integration Results

RT: 15.12
Area: 12465
Amount: 0.343802
Amount Units: ug/ml



Manual Integration Results

RT: 15.12
Area: 14089
Amount: 0.384764
Amount Units: ug/ml



Reviewer: szczecha, 19-May-2015 12:08:53
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7021	0.6869	0.0100	48900	50000	-2.2	20.0
N-Nitrosodimethylamine	Ave	1.139	1.095		48100	50000	-3.8	20.0
Pyridine	Ave	1.845	1.762		47800	50000	-4.5	20.0
Phenol	Ave	2.100	1.961	0.8000	46700	50000	-6.6	20.0
Aniline	Ave	2.495	2.309		46300	50000	-7.5	20.0
Bis(2-chloroethyl)ether	Ave	1.740	1.521	0.7000	43700	50000	-12.6	20.0
2-Chlorophenol	Ave	1.551	1.480	0.8000	47700	50000	-4.6	20.0
n-Decane	Ave	2.833	2.708	0.0100	47800	50000	-4.4	20.0
1,3-Dichlorobenzene	Ave	1.500	1.378		45900	50000	-8.2	20.0
1,4-Dichlorobenzene	Ave	1.451	1.353		46600	50000	-6.7	20.0
Benzyl alcohol	Ave	0.9807	0.9151	0.0100	46700	50000	-6.7	20.0
1,2-Dichlorobenzene	Ave	1.383	1.292		46700	50000	-6.6	20.0
2-Methylphenol	Ave	1.371	1.249	0.7000	45600	50000	-8.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.648	3.355	0.0100	46000	50000	-8.0	20.0
Acetophenone	Ave	1.736	1.527	0.0100	44000	50000	-12.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.088	0.8160	0.5000	37500	50000	-25.0*	20.0
3 & 4 Methylphenol	Ave	1.447	1.200		41500	50000	-17.0	20.0
4-Methylphenol	Ave	1.438	1.200	0.6000	41700	50000	-16.5	20.0
Hexachloroethane	Ave	0.6696	0.5887	0.3000	44000	50000	-12.1	20.0
n,n'-Dimethylaniline	Ave	2.149	1.715	0.0100	39900	50000	-20.2*	20.0
Nitrobenzene	Ave	0.6557	0.5651	0.2000	43100	50000	-13.8	20.0
Isophorone	Ave	0.7948	0.7000	0.4000	44000	50000	-11.9	20.0
2-Nitrophenol	Ave	0.2146	0.2026	0.1000	47200	50000	-5.6	20.0
2,4-Dimethylphenol	Ave	0.3546	0.3339	0.2000	47100	50000	-5.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4921	0.4643	0.3000	47200	50000	-5.7	20.0
Benzoic acid	Lin2		0.1488		39000	50000	-22.0*	20.0
2,4-Dichlorophenol	Ave	0.3055	0.2770	0.2000	45300	50000	-9.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3010		43700	50000	-12.6	20.0
Naphthalene	Ave	1.098	1.006	0.7000	45800	50000	-8.4	20.0
4-Chloroaniline	Ave	0.4662	0.4286	0.0100	46000	50000	-8.1	20.0
Hexachlorobutadiene	Ave	0.2057	0.1884	0.0100	45800	50000	-8.4	20.0
4-Chloro-3-methylphenol	Ave	0.3124	0.2941		47100	50000	-5.9	20.0
2-Methylnaphthalene	Ave	0.6416	0.5948	0.4000	46400	50000	-7.3	20.0
1-Methylnaphthalene	Ave	0.5906	0.5406	0.0100	45800	50000	-8.5	20.0
Hexachlorocyclopentadiene	Ave	0.4812	0.4669	0.0500	48500	50000	-3.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6901	0.6425	0.0100	46600	50000	-6.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4319	0.3996	0.0100	46300	50000	-7.5	20.0
2,4,6-Trichlorophenol	Ave	0.4791	0.4551	0.2000	47500	50000	-5.0	20.0
2,4,5-Trichlorophenol	Ave	0.4764	0.4557	0.2000	47800	50000	-4.3	20.0
1,1'-Biphenyl	Ave	1.847	1.770	0.0100	47900	50000	-4.1	20.0
2-Chloronaphthalene	Ave	1.419	1.331	0.8000	46900	50000	-6.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	1.018	0.9893	0.0100	48600	50000	-2.8	20.0
2-Nitroaniline	Ave	0.6210	0.6120	0.0100	49300	50000	-1.4	20.0
1,3-Dimethylnaphthalene	Ave	1.194	1.101	0.0100	46100	50000	-7.8	20.0
Dimethyl phthalate	Ave	1.274	1.206	0.0100	47300	50000	-5.3	20.0
Coumarin	Ave	0.1691	0.1530	0.0100	45200	50000	-9.6	20.0
2,6-Dinitrotoluene	Lin2		0.3094	0.2000	48900	50000	-2.1	20.0
Acenaphthylene	Ave	2.157	2.034	0.9000	47200	50000	-5.7	20.0
3-Nitroaniline	Ave	0.3791	0.3568	0.0100	47100	50000	-5.9	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.224	1.129	0.0100	46100	50000	-7.8	20.0
Acenaphthene	QuaF		1.115	0.9000	50500	50000	1.1	20.0
2,4-Dinitrophenol	Lin2		0.1616	0.0100	96200	100000	-3.8	20.0
4-Nitrophenol	Ave	0.2619	0.2568	0.0100	98100	100000	-1.9	20.0
2,4-Dinitrotoluene	Ave	0.3700	0.3572	0.2000	48300	50000	-3.4	20.0
Dibenzofuran	Ave	1.889	1.765	0.8000	46700	50000	-6.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3259	0.3237	0.0100	49700	50000	-0.7	20.0
Diethyl phthalate	Ave	1.256	1.234	0.0100	49100	50000	-1.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6302	0.5775	0.4000	45800	50000	-8.4	20.0
Fluorene	Ave	1.300	1.192	0.9000	45800	50000	-8.4	20.0
4-Nitroaniline	Ave	0.3087	0.2898	0.0100	46900	50000	-6.1	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1261	0.0100	99200	100000	-0.8	20.0
N-Nitrosodiphenylamine	Ave	0.6962	0.7364	0.0100	52900	50000	5.8	20.0
1,2-Diphenylhydrazine	Ave	1.138	1.134	0.0100	49800	50000	-0.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2421	0.2300	0.1000	47500	50000	-5.0	20.0
Hexachlorobenzene	Ave	0.2394	0.2294	0.1000	47900	50000	-4.2	20.0
Pentachlorophenol	Ave	0.1098	0.1268	0.0500	116000	100000	15.6	20.0
Pentachloronitrobenzene	Ave	0.0889	0.0924	0.0100	52000	50000	4.0	20.0
n-Octadecane	Ave	1.082	1.064	0.0100	49200	50000	-1.7	20.0
Phenanthrene	Ave	1.083	1.041	0.7000	48100	50000	-3.9	20.0
Anthracene	Ave	1.127	1.078	0.7000	47900	50000	-4.3	20.0
Carbazole	Ave	0.9729	0.9177	0.0100	47200	50000	-5.7	20.0
Di-n-butyl phthalate	Ave	1.122	1.118	0.0100	49800	50000	-0.4	20.0
Fluoranthene	Ave	0.9593	0.9196	0.6000	47900	50000	-4.1	20.0
Benzidine	Ave	0.5360	0.4908		45800	50000	-8.4	20.0
Pyrene	Ave	1.837	1.875	0.6000	51000	50000	2.1	20.0
Butyl benzyl phthalate	Ave	0.7299	0.7369	0.0100	50500	50000	0.9	20.0
2,3,7,8-TCDD	Ave	0.0887	0.2014	0.0100	1140	500	127.0*	20.0
Carbamazepine	Ave	0.4905	0.5220	0.0100	53200	50000	6.4	20.0
3,3'-Dichlorobenzidine	Ave	0.4346	0.4780	0.0100	55000	50000	10.0	20.0
Benzo[a]anthracene	Ave	1.309	1.254	0.8000	47900	50000	-4.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.9269	0.9157	0.0100	49400	50000	-1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301230/2 Calibration Date: 05/27/2015 20:18

Instrument ID: CBNAMS11 Calib Start Date: 05/26/2015 12:46

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/26/2015 16:23

Lab File ID: z1482.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.149	1.103	0.7000	48000	50000	-4.1	20.0
Di-n-octyl phthalate	Ave	2.051	2.048	0.0100	49900	50000	-0.1	20.0
Benzo[b]fluoranthene	Ave	1.351	1.303	0.7000	48200	50000	-3.6	20.0
Benzo[k]fluoranthene	Ave	1.353	1.274	0.7000	47100	50000	-5.8	20.0
Benzo[a]pyrene	Ave	1.224	1.178	0.7000	48100	50000	-3.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9805	0.9504	0.5000	48500	50000	-3.1	20.0
Dibenz(a,h)anthracene	Ave	0.9147	0.9281	0.4000	50700	50000	1.5	20.0
Benzo[g,h,i]perylene	Ave	0.9427	0.9466	0.5000	50200	50000	0.4	20.0
2-Fluorophenol (Surr)	Ave	1.739	1.678	0.0100	48300	50000	-3.5	20.0
Phenol-d5 (Surr)	Ave	2.134	1.981	0.0100	46400	50000	-7.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.5122	0.4726	0.0100	46100	50000	-7.7	20.0
2-Fluorobiphenyl	Ave	1.945	1.736	0.0100	44600	50000	-10.8	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1708	0.1788	0.0100	52400	50000	4.7	20.0
Terphenyl-d14 (Surr)	Ave	1.237	1.280	0.0100	51800	50000	3.5	20.0

Report Date: 27-May-2015 22:28:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1482.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 27-May-2015 20:18:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-002
Misc. Info.: CCVIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub9

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 22:28:02 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 20:54:30

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.635	1.635	0.000	91	212909	50.0	48.9	
	2 N-Nitrosodimethylamine	74	1.858	1.858	0.000	83	339459	50.0	48.1	
	3 Pyridine	79	1.888	1.888	0.000	77	546081	50.0	47.8	
$	4 2-Fluorophenol	112	3.005	3.005	0.000	90	520239	50.0	48.3	
$	6 Phenol-d5	99	3.935	3.935	0.000	94	613955	50.0	46.4	
	7 Phenol	94	3.952	3.952	0.000	94	607714	50.0	46.7	
	8 Aniline	93	3.958	3.958	0.000	94	715639	50.0	46.3	
	9 Bis(2-chloroethyl)ether	93	4.023	4.023	0.000	92	471412	50.0	43.7	
	10 Benzonitrile	103	4.052	4.052	0.000	0	891987	NC	NC	
	11 2-Chlorophenol	128	4.088	4.088	0.000	90	458748	50.0	47.7	
	12 n-Decane	43	4.135	4.135	0.000	94	839487	50.0	47.8	
	13 1,3-Dichlorobenzene	146	4.235	4.235	0.000	90	426979	50.0	45.9	
*	14 1,4-Dichlorobenzene-d4	152	4.288	4.288	0.000	97	247963	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.305	4.305	0.000	89	419442	50.0	46.6	
	16 Benzyl alcohol	108	4.435	4.435	0.000	91	283644	50.0	46.7	
	17 1,2-Dichlorobenzene	146	4.464	4.464	0.000	90	400341	50.0	46.7	
	18 2-Methylphenol	108	4.552	4.552	0.000	90	387192	50.0	45.6	
	19 2,2'-oxybis[1-chloropropan	45	4.570	4.570	0.000	93	1039876	50.0	46.0	
	22 Acetophenone	105	4.705	4.705	0.000	94	473345	50.0	44.0	
	21 N-Nitrosodi-n-propylamine	70	4.705	4.705	0.000	95	252927	50.0	37.5	
	23 3 & 4 Methylphenol	108	4.717	4.717	0.000	86	372005	50.0	41.5	
	24 4-Methylphenol	108	4.717	4.717	0.000	89	372005	50.0	41.7	
	25 Hexachloroethane	117	4.805	4.805	0.000	95	182471	50.0	44.0	
$	26 Nitrobenzene-d5	82	4.852	4.852	0.000	95	468653	50.0	46.1	
	27 Nitrobenzene	77	4.876	4.876	0.000	84	560377	50.0	43.1	
	28 n,n'-Dimethylaniline	120	4.876	4.876	0.000	91	531475	50.0	39.9	
	31 Isophorone	82	5.117	5.117	0.000	98	694092	50.0	44.0	
	32 2-Nitrophenol	139	5.193	5.193	0.000	82	200912	50.0	47.2	
	33 2,4-Dimethylphenol	122	5.246	5.246	0.000	89	331090	50.0	47.1	
	34 Bis(2-chloroethoxy)methane	93	5.335	5.335	0.000	95	460399	50.0	47.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.382	5.382	0.000	93	147559	50.0	39.0	
36 2,4-Dichlorophenol	162	5.441	5.441	0.000	90	274668	50.0	45.3	
37 1,2,4-Trichlorobenzene	180	5.523	5.523	0.000	94	298430	50.0	43.7	
* 38 Naphthalene-d8	136	5.576	5.576	0.000	99	793264	40.0	40.0	
39 Naphthalene	128	5.599	5.599	0.000	98	997212	50.0	45.8	
40 4-Chloroaniline	127	5.652	5.652	0.000	93	425006	50.0	46.0	
41 Hexachlorobutadiene	225	5.735	5.735	0.000	95	186798	50.0	45.8	
43 4-Chloro-3-methylphenol	107	6.152	6.152	0.000	95	291601	50.0	47.1	
44 2-Methylnaphthalene	142	6.293	6.293	0.000	86	589821	50.0	46.4	
45 1-Methylnaphthalene	142	6.393	6.393	0.000	94	536087	50.0	45.8	
46 Hexachlorocyclopentadiene	237	6.464	6.464	0.000	96	170817	50.0	48.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.470	6.470	0.000	96	235065	50.0	46.6	
48 2-tertbutyl-4-methylphenol	149	6.505	6.505	0.000	87	396190	50.0	46.3	
49 2,4,6-Trichlorophenol	196	6.582	6.582	0.000	86	166491	50.0	47.5	
50 2,4,5-Trichlorophenol	196	6.617	6.617	0.000	94	166738	50.0	47.8	
$ 51 2-Fluorobiphenyl	172	6.664	6.664	0.000	98	635098	50.0	44.6	
52 1,1'-Biphenyl	154	6.764	6.764	0.000	95	647675	50.0	47.9	
53 2-Chloronaphthalene	162	6.782	6.782	0.000	95	486844	50.0	46.9	
54 Phenyl ether	170	6.864	6.864	0.000	89	361956	50.0	48.6	
55 2-Nitroaniline	65	6.882	6.882	0.000	93	223927	50.0	49.3	
57 1,3-Dimethylnaphthalene	156	6.999	6.999	0.000	93	402788	50.0	46.1	
58 Dimethyl phthalate	163	7.070	7.070	0.000	97	441123	50.0	47.3	
59 Coumarin	146	7.087	7.087	0.000	75	151660	50.0	45.2	
60 2,6-Dinitrotoluene	165	7.123	7.123	0.000	91	113203	50.0	48.9	
63 Acenaphthylene	152	7.193	7.193	0.000	98	744316	50.0	47.2	
64 3-Nitroaniline	138	7.293	7.293	0.000	90	130560	50.0	47.1	
* 65 Acenaphthene-d10	164	7.335	7.335	0.000	97	292699	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.358	7.358	0.000	97	412933	50.0	46.1	
67 Acenaphthene	154	7.370	7.370	0.000	94	407914	50.0	50.5	
68 2,4-Dinitrophenol	184	7.393	7.393	0.000	92	118236	100.0	96.2	
69 4-Nitrophenol	65	7.470	7.470	0.000	94	187908	100.0	98.1	
70 2,4-Dinitrotoluene	165	7.523	7.523	0.000	93	130705	50.0	48.3	
71 Dibenzofuran	168	7.535	7.535	0.000	96	645935	50.0	46.7	
72 2,3,4,6-Tetrachlorophenol	232	7.664	7.664	0.000	92	118439	50.0	49.7	
73 Diethyl phthalate	149	7.770	7.770	0.000	97	451333	50.0	49.1	
75 4-Chlorophenyl phenyl ethe	204	7.870	7.870	0.000	88	211276	50.0	45.8	
74 Fluorene	166	7.876	7.876	0.000	98	435993	50.0	45.8	
76 4-Nitroaniline	138	7.899	7.899	0.000	96	106014	50.0	46.9	
77 4,6-Dinitro-2-methylphenol	198	7.934	7.934	0.000	83	132462	100.0	99.2	
78 N-Nitrosodiphenylamine	169	7.993	7.993	0.000	68	386626	50.0	52.9	
79 1,2-Diphenylhydrazine	77	8.029	8.029	0.000	99	595316	50.0	49.8	
$ 80 2,4,6-Tribromophenol	330	8.111	8.111	0.000	89	65433	50.0	52.4	
81 4-Bromophenyl phenyl ether	248	8.352	8.352	0.000	79	120755	50.0	47.5	
82 Hexachlorobenzene	284	8.429	8.429	0.000	98	120434	50.0	47.9	
84 Pentachlorophenol	266	8.617	8.617	0.000	92	133197	100.0	115.6	
85 Pentachloronitrobenzene	237	8.634	8.634	0.000	87	48519	50.0	52.0	
86 n-Octadecane	57	8.699	8.699	0.000	91	558409	50.0	49.2	
* 87 Phenanthrene-d10	188	8.799	8.799	0.000	99	420035	40.0	40.0	
88 Phenanthrene	178	8.823	8.823	0.000	98	546501	50.0	48.1	
89 Anthracene	178	8.870	8.870	0.000	98	566242	50.0	47.9	
90 Carbazole	167	9.029	9.029	0.000	95	481810	50.0	47.2	
91 Di-n-butyl phthalate	149	9.370	9.370	0.000	100	587124	50.0	49.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.993	9.993	0.000	98	482831	50.0	47.9	
93 Benzidine	184	10.117	10.117	0.000	100	257668	50.0	45.8	
94 Pyrene	202	10.217	10.217	0.000	98	482362	50.0	51.0	
95 Bisphenol-A	213	10.264	10.264	0.000	99	168845	50.0	51.5	
$ 96 Terphenyl-d14	244	10.375	10.375	0.000	98	329266	50.0	51.8	
97 Butyl benzyl phthalate	149	10.893	10.893	0.000	99	189527	50.0	50.5	
98 2,3,7,8-TCDD	320	11.005	11.005	0.000	18	518	0.5000	1.14	
99 Carbamazepine	193	11.017	11.017	0.000	93	134254	50.0	53.2	
100 3,3'-Dichlorobenzidine	252	11.517	11.517	0.000	99	122936	50.0	55.0	
101 Benzo[a]anthracene	228	11.546	11.546	0.000	99	322587	50.0	47.9	
* 102 Chrysene-d12	240	11.558	11.558	0.000	99	205765	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.587	11.587	0.000	90	235522	50.0	49.4	
103 Chrysene	228	11.587	11.587	0.000	99	283572	50.0	48.0	
105 Di-n-octyl phthalate	149	12.440	12.440	0.000	97	399031	50.0	49.9	
106 Benzo[b]fluoranthene	252	12.946	12.946	0.000	98	253955	50.0	48.2	
107 Benzo[k]fluoranthene	252	12.981	12.981	0.000	99	248262	50.0	47.1	
108 Benzo[a]pyrene	252	13.387	13.387	0.000	96	229501	50.0	48.1	
* 109 Perylene-d12	264	13.464	13.464	0.000	96	155891	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.969	14.969	0.000	98	185207	50.0	48.5	
111 Dibenz(a,h)anthracene	278	15.005	15.005	0.000	95	180847	50.0	50.7	
112 Benzo[g,h,i]perylene	276	15.387	15.387	0.000	95	184449	50.0	50.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

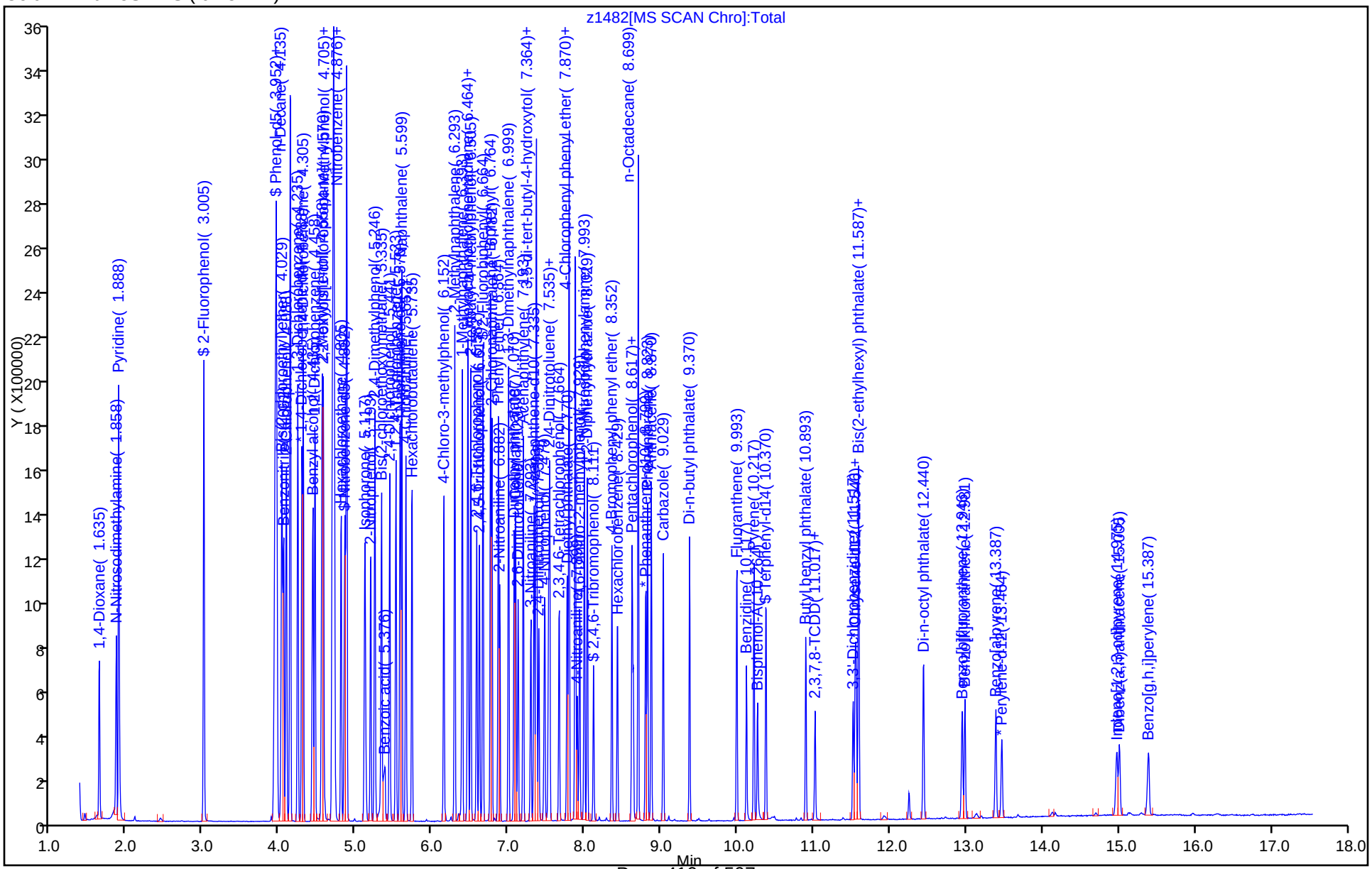
Report Date: 27-May-2015 22:28:03 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1482.D

Injection Date:	27-May-2015 20:18:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5016	0.5129	0.0100	51100	50000	2.3	20.0
N-Nitrosodimethylamine	Ave	0.6855	0.7093		51700	50000	3.5	20.0
Pyridine	Ave	1.211	1.249		51600	50000	3.1	20.0
Phenol	Ave	1.473	1.612	0.8000	54700	50000	9.5	20.0
Aniline	Ave	1.743	1.827		52400	50000	4.8	20.0
Bis(2-chloroethyl)ether	Ave	1.162	1.133	0.7000	48800	50000	-2.5	20.0
2-Chlorophenol	Ave	1.319	1.307	0.8000	49500	50000	-1.0	20.0
n-Decane	Ave	1.301	1.306	0.0100	50200	50000	0.4	20.0
1,3-Dichlorobenzene	Ave	1.572	1.548		49200	50000	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.580	1.573		49800	50000	-0.5	20.0
Benzyl alcohol	Ave	0.7390	0.7679	0.0100	52000	50000	3.9	20.0
1,2-Dichlorobenzene	Ave	1.475	1.465		49700	50000	-0.7	20.0
2-Methylphenol	Ave	1.046	1.082	0.7000	51700	50000	3.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.506	1.549	0.0100	51400	50000	2.9	20.0
Acetophenone	Ave	1.485	1.573	0.0100	53000	50000	6.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.7392	0.7846	0.5000	53100	50000	6.1	20.0
3 & 4 Methylphenol	Ave	1.146	1.232		53800	50000	7.5	20.0
4-Methylphenol	Ave	1.146	1.232	0.6000	53800	50000	7.5	20.0
Hexachloroethane	Ave	0.5964	0.5994	0.3000	50300	50000	0.5	20.0
Nitrobenzene	Ave	0.4700	0.4869	0.2000	51800	50000	3.6	20.0
n,n'-Dimethylaniline	Ave	1.810	1.915	0.0100	52900	50000	5.8	20.0
Isophorone	Ave	0.5140	0.5501	0.4000	53500	50000	7.0	20.0
2-Nitrophenol	Ave	0.1863	0.1935	0.1000	51900	50000	3.9	20.0
2,4-Dimethylphenol	Ave	0.2871	0.2951	0.2000	51400	50000	2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3616	0.3626	0.3000	50100	50000	0.3	20.0
Benzoic acid	Lin2		0.1679		56100	50000	12.1	20.0
2,4-Dichlorophenol	Ave	0.2888	0.2993	0.2000	51800	50000	3.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3402		49400	50000	-1.2	20.0
Naphthalene	Ave	1.022	1.018	0.7000	49800	50000	-0.3	20.0
4-Chloroaniline	Ave	0.3943	0.4145	0.0100	52600	50000	5.1	20.0
Hexachlorobutadiene	Ave	0.2143	0.2071	0.0100	48300	50000	-3.4	20.0
4-Chloro-3-methylphenol	Ave	0.2193	0.2445		55700	50000	11.5	20.0
2-Methylnaphthalene	Ave	0.6331	0.6569	0.4000	51900	50000	3.8	20.0
1-Methylnaphthalene	Ave	0.5839	0.6001	0.0100	51400	50000	2.8	20.0
Hexachlorocyclopentadiene	Ave	0.4457	0.5151	0.0500	57800	50000	15.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7461	0.7196	0.0100	48200	50000	-3.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4133	0.4448	0.0100	53800	50000	7.6	20.0
2,4,6-Trichlorophenol	Ave	0.4197	0.4400	0.2000	52400	50000	4.8	20.0
2,4,5-Trichlorophenol	Ave	0.4410	0.4472	0.2000	50700	50000	1.4	20.0
1,1'-Biphenyl	Ave	1.692	1.676	0.0100	49500	50000	-0.9	20.0
2-Chloronaphthalene	Ave	1.363	1.311	0.8000	48100	50000	-3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9348	0.9205	0.0100	49200	50000	-1.5	20.0
2-Nitroaniline	Ave	0.3675	0.4241	0.0100	57700	50000	15.4	20.0
1,3-Dimethylnaphthalene	Ave	1.069	1.036	0.0100	48400	50000	-3.1	20.0
Dimethyl phthalate	Ave	1.182	1.312	0.0100	55500	50000	11.0	20.0
Coumarin	Ave	0.1710	0.2125	0.0100	62100	50000	24.3*	20.0
2,6-Dinitrotoluene	Ave	0.2559	0.3104	0.2000	60600	50000	21.3*	20.0
Acenaphthylene	Ave	1.868	1.933	0.9000	51700	50000	3.5	20.0
3-Nitroaniline	Ave	0.2858	0.3428	0.0100	60000	50000	20.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.195	1.274	0.0100	53300	50000	6.6	20.0
Acenaphthene	Ave	1.233	1.267	0.9000	51300	50000	2.7	20.0
2,4-Dinitrophenol	Qua		0.2003	0.0100	120000	100000	19.8	20.0
4-Nitrophenol	Ave	0.1636	0.2095	0.0100	128000	100000	28.1*	20.0
2,4-Dinitrotoluene	Ave	0.2929	0.3934	0.2000	67200	50000	34.3*	20.0
Dibenzofuran	Ave	1.696	1.789	0.8000	52800	50000	5.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3188	0.3624	0.0100	56800	50000	13.7	20.0
Diethyl phthalate	Ave	1.078	1.230	0.0100	57100	50000	14.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6604	0.6937	0.4000	52500	50000	5.0	20.0
Fluorene	Ave	1.249	1.403	0.9000	56200	50000	12.4	20.0
4-Nitroaniline	Ave	0.2639	0.3398	0.0100	64400	50000	28.8*	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1448	0.0100	103000	100000	3.5	20.0
N-Nitrosodiphenylamine	Ave	0.6067	0.6304	0.0100	52000	50000	3.9	20.0
1,2-Diphenylhydrazine	Ave	0.8332	0.7720	0.0100	46300	50000	-7.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2681	0.2462	0.1000	45900	50000	-8.2	20.0
Hexachlorobenzene	Ave	0.3092	0.2965	0.1000	47900	50000	-4.1	20.0
Pentachlorophenol	Lin2		0.1798	0.0500	96000	100000	-4.0	20.0
Pentachloronitrobenzene	Ave	0.0981	0.0956	0.0100	48700	50000	-2.6	20.0
n-Octadecane	Ave	0.4716	0.4091	0.0100	43400	50000	-13.3	20.0
Phenanthrene	Ave	1.082	1.067	0.7000	49300	50000	-1.3	20.0
Anthracene	Ave	1.089	1.111	0.7000	51000	50000	1.9	20.0
Carbazole	Ave	0.9066	0.9802	0.0100	54100	50000	8.1	20.0
Di-n-butyl phthalate	Lin2		1.114	0.0100	47900	50000	-4.1	20.0
Fluoranthene	Ave	1.038	1.127	0.6000	54300	50000	8.5	20.0
Benzidine	Qua		0.7929		50500	50000	1.0	20.0
Pyrene	Ave	1.107	1.110	0.6000	50100	50000	0.3	20.0
Butyl benzyl phthalate	Ave	0.4587	0.4626	0.0100	50400	50000	0.8	20.0
2,3,7,8-TCDD	Ave	0.1894	0.1796	0.0100	474	500	-5.1	20.0
Carbamazepine	Ave	0.5711	0.4976	0.0100	43600	50000	-12.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4603	0.5074	0.0100	55100	50000	10.2	20.0
Benzo[a]anthracene	Ave	1.108	1.122	0.8000	50700	50000	1.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7709	0.6830	0.0100	44300	50000	-11.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300661/2 Calibration Date: 05/24/2015 09:15

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121823.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.105	1.092	0.7000	49400	50000	-1.2	20.0
Di-n-octyl phthalate	Ave	1.041	0.9342	0.0100	44900	50000	-10.2	20.0
Benzo[b]fluoranthene	Ave	0.9073	1.012	0.7000	55800	50000	11.5	20.0
Benzo[k]fluoranthene	Ave	1.055	1.111	0.7000	52600	50000	5.2	20.0
Benzo[a]pyrene	Ave	0.9620	1.056	0.7000	54900	50000	9.8	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.287	0.5000	46600	50000	-6.8	20.0
Dibenz(a,h)anthracene	Ave	1.256	1.223	0.4000	48700	50000	-2.7	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.283	0.5000	45000	50000	-10.0	20.0
2-Fluorophenol (Surr)	Ave	1.291	1.378	0.0100	53400	50000	6.7	20.0
Phenol-d5 (Surr)	Ave	1.424	1.533	0.0100	53800	50000	7.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3521	0.3754	0.0100	53300	50000	6.6	20.0
2-Fluorobiphenyl	Ave	1.680	1.734	0.0100	51600	50000	3.2	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.3294	0.0100	59900	50000	19.8	20.0
Terphenyl-d14 (Surr)	Ave	0.9132	0.9023	0.0100	49400	50000	-1.2	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121823.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 24-May-2015 09:15:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: szczecha Date: 26-May-2015 11:42:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.599	1.599	0.000	93	210347	50.0	51.1	
2 N-Nitrosodimethylamine	74	1.829	1.829	0.000	87	290890	50.0	51.7	
3 Pyridine	79	1.864	1.864	0.000	94	512181	50.0	51.6	
$ 4 2-Fluorophenol	112	3.011	3.011	0.000	96	565064	50.0	53.4	
$ 6 Phenol-d5	99	3.941	3.941	0.000	86	628822	50.0	53.8	
7 Phenol	94	3.958	3.958	0.000	99	661214	50.0	54.7	
8 Aniline	93	3.970	3.970	0.000	99	749411	50.0	52.4	
9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	98	464700	50.0	48.8	
10 2-Chlorophenol	128	4.099	4.099	0.000	97	535820	50.0	49.5	
11 n-Decane	43	4.152	4.152	0.000	90	535527	50.0	50.2	
12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	96	634738	50.0	49.2	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	95	328086	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	95	645123	50.0	49.8	
15 Benzyl alcohol	108	4.446	4.446	0.000	94	314925	50.0	52.0	
16 1,2-Dichlorobenzene	146	4.482	4.482	0.000	97	600963	50.0	49.7	
17 2-Methylphenol	108	4.564	4.564	0.000	92	443615	50.0	51.7	
18 2,2'-oxybis[1-chloropropan	45	4.588	4.588	0.000	92	635237	50.0	51.4	
22 Acetophenone	105	4.717	4.717	0.000	93	645283	50.0	53.0	
21 N-Nitrosodi-n-propylamine	70	4.717	4.717	0.000	89	321763	50.0	53.1	
20 3 & 4 Methylphenol	108	4.723	4.723	0.000	92	505191	50.0	53.8	
19 4-Methylphenol	108	4.723	4.723	0.000	88	505191	50.0	53.8	
25 Hexachloroethane	117	4.823	4.823	0.000	93	245819	50.0	50.3	
$ 26 Nitrobenzene-d5	82	4.864	4.864	0.000	87	531767	50.0	53.3	
27 Nitrobenzene	77	4.888	4.888	0.000	95	689727	50.0	51.8	
28 n,n'-Dimethylaniline	120	4.893	4.893	0.000	92	785281	50.0	52.9	
29 Isophorone	82	5.129	5.129	0.000	99	779380	50.0	53.5	
30 2-Nitrophenol	139	5.211	5.211	0.000	94	274191	50.0	51.9	
31 2,4-Dimethylphenol	122	5.258	5.258	0.000	92	418087	50.0	51.4	
32 Bis(2-chloroethoxy)methane	93	5.352	5.352	0.000	99	513709	50.0	50.1	
33 Benzoic acid	122	5.376	5.376	0.000	89	237799	50.0	56.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.458	5.458	0.000	96	424033	50.0	51.8	
35 1,2,4-Trichlorobenzene	180	5.540	5.540	0.000	94	481904	50.0	49.4	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1133378	40.0	40.0	
37 Naphthalene	128	5.617	5.617	0.000	100	1442885	50.0	49.8	
38 4-Chloroaniline	127	5.670	5.670	0.000	97	587202	50.0	52.6	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	96	293355	50.0	48.3	
41 4-Chloro-3-methylphenol	107	6.164	6.164	0.000	95	346330	50.0	55.7	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	85	930589	50.0	51.9	
43 1-Methylnaphthalene	142	6.411	6.411	0.000	93	850125	50.0	51.4	
44 Hexachlorocyclopentadiene	237	6.482	6.482	0.000	97	336227	50.0	57.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.487	6.487	0.000	98	469698	50.0	48.2	
46 2-tertbutyl-4-methylphenol	149	6.523	6.523	0.000	93	630139	50.0	53.8	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	92	287185	50.0	52.4	
49 2,4,5-Trichlorophenol	196	6.634	6.634	0.000	98	291908	50.0	50.7	
$ 50 2-Fluorobiphenyl	172	6.682	6.682	0.000	98	1132012	50.0	51.6	
51 1,1'-Biphenyl	154	6.782	6.782	0.000	95	1093939	50.0	49.5	
52 2-Chloronaphthalene	162	6.799	6.799	0.000	98	855702	50.0	48.1	
53 Phenyl ether	170	6.882	6.882	0.000	86	600847	50.0	49.2	
54 2-Nitroaniline	65	6.899	6.899	0.000	95	276814	50.0	57.7	
55 1,3-Dimethylnaphthalene	156	7.017	7.017	0.000	93	675943	50.0	48.4	
58 Dimethyl phthalate	163	7.087	7.087	0.000	99	856405	50.0	55.5	
59 Coumarin	146	7.099	7.099	0.000	80	301032	50.0	62.1	
60 2,6-Dinitrotoluene	165	7.140	7.140	0.000	96	202590	50.0	60.6	
61 Acenaphthylene	152	7.205	7.205	0.000	98	1261716	50.0	51.7	
62 3-Nitroaniline	138	7.305	7.305	0.000	97	223766	50.0	60.0	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	97	522169	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.376	7.376	0.000	96	831704	50.0	53.3	
65 Acenaphthene	154	7.381	7.381	0.000	95	826713	50.0	51.3	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	94	261526	100.0	119.8	
67 4-Nitrophenol	65	7.481	7.481	0.000	91	273537	100.0	128.1	
68 2,4-Dinitrotoluene	165	7.534	7.534	0.000	96	256804	50.0	67.2	
69 Dibenzofuran	168	7.552	7.552	0.000	96	1167824	50.0	52.8	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	96	236570	50.0	56.8	
71 Diethyl phthalate	149	7.781	7.781	0.000	98	802996	50.0	57.1	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	80	452776	50.0	52.5	
74 Fluorene	166	7.887	7.887	0.000	94	916051	50.0	56.2	
75 4-Nitroaniline	138	7.911	7.911	0.000	88	221815	50.0	64.4	
76 4,6-Dinitro-2-methylphenol	198	7.940	7.940	0.000	90	325465	100.0	103.5	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	68	708709	50.0	52.0	
78 1,2-Diphenylhydrazine	77	8.046	8.046	0.000	97	867862	50.0	46.3	
$ 79 2,4,6-Tribromophenol	330	8.128	8.128	0.000	91	215024	50.0	59.9	
80 4-Bromophenyl phenyl ether	248	8.370	8.370	0.000	94	276800	50.0	45.9	
81 Hexachlorobenzene	284	8.440	8.440	0.000	95	333310	50.0	47.9	
83 Pentachlorophenol	266	8.634	8.634	0.000	95	404314	100.0	96.0	
84 Pentachloronitrobenzene	237	8.646	8.646	0.000	90	107419	50.0	48.7	
72 n-Octadecane	57	8.711	8.711	0.000	95	459849	50.0	43.4	
* 85 Phenanthrene-d10	188	8.811	8.811	0.000	98	899330	40.0	40.0	
86 Phenanthrene	178	8.834	8.834	0.000	97	1199906	50.0	49.3	
87 Anthracene	178	8.881	8.881	0.000	99	1248435	50.0	51.0	
88 Carbazole	167	9.040	9.040	0.000	96	1101853	50.0	54.1	
89 Di-n-butyl phthalate	149	9.387	9.387	0.000	99	1252714	50.0	47.9	
90 Fluoranthene	202	9.999	9.999	0.000	98	1267180	50.0	54.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.128	10.128	0.000	99	891350	50.0	50.5	
92 Pyrene	202	10.222	10.222	0.000	97	1305671	50.0	50.1	
93 Bisphenol-A	213	10.270	10.270	0.000	99	594751	50.0	53.7	
$ 94 Terphenyl-d14	244	10.381	10.381	0.000	99	1061370	50.0	49.4	
95 Butyl benzyl phthalate	149	10.905	10.905	0.000	97	544199	50.0	50.4	
96 2,3,7,8-TCDD	320	11.017	11.017	0.000	30	2113	0.5000	0.4743	7
97 Carbamazepine	193	11.034	11.034	0.000	91	585313	50.0	43.6	
98 3,3'-Dichlorobenzidine	252	11.528	11.528	0.000	99	596861	50.0	55.1	
99 Benzo[a]anthracene	228	11.558	11.558	0.000	98	1320336	50.0	50.7	
* 100 Chrysene-d12	240	11.569	11.569	0.000	99	941062	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.599	11.599	0.000	86	803464	50.0	44.3	
101 Chrysene	228	11.605	11.605	0.000	98	1284891	50.0	49.4	
103 Di-n-octyl phthalate	149	12.452	12.452	0.000	97	1377462	50.0	44.9	
104 Benzo[b]fluoranthene	252	12.963	12.963	0.000	99	1491757	50.0	55.8	
105 Benzo[k]fluoranthene	252	12.999	12.999	0.000	99	1637696	50.0	52.6	
106 Benzo[a]pyrene	252	13.405	13.405	0.000	97	1557112	50.0	54.9	
* 107 Perylene-d12	264	13.481	13.481	0.000	99	1179549	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.928	14.928	0.000	99	1897122	50.0	46.6	
109 Dibenz(a,h)anthracene	278	14.957	14.957	0.000	96	1802866	50.0	48.7	
110 Benzo[g,h,i]perylene	276	15.281	15.281	0.000	98	1891443	50.0	45.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

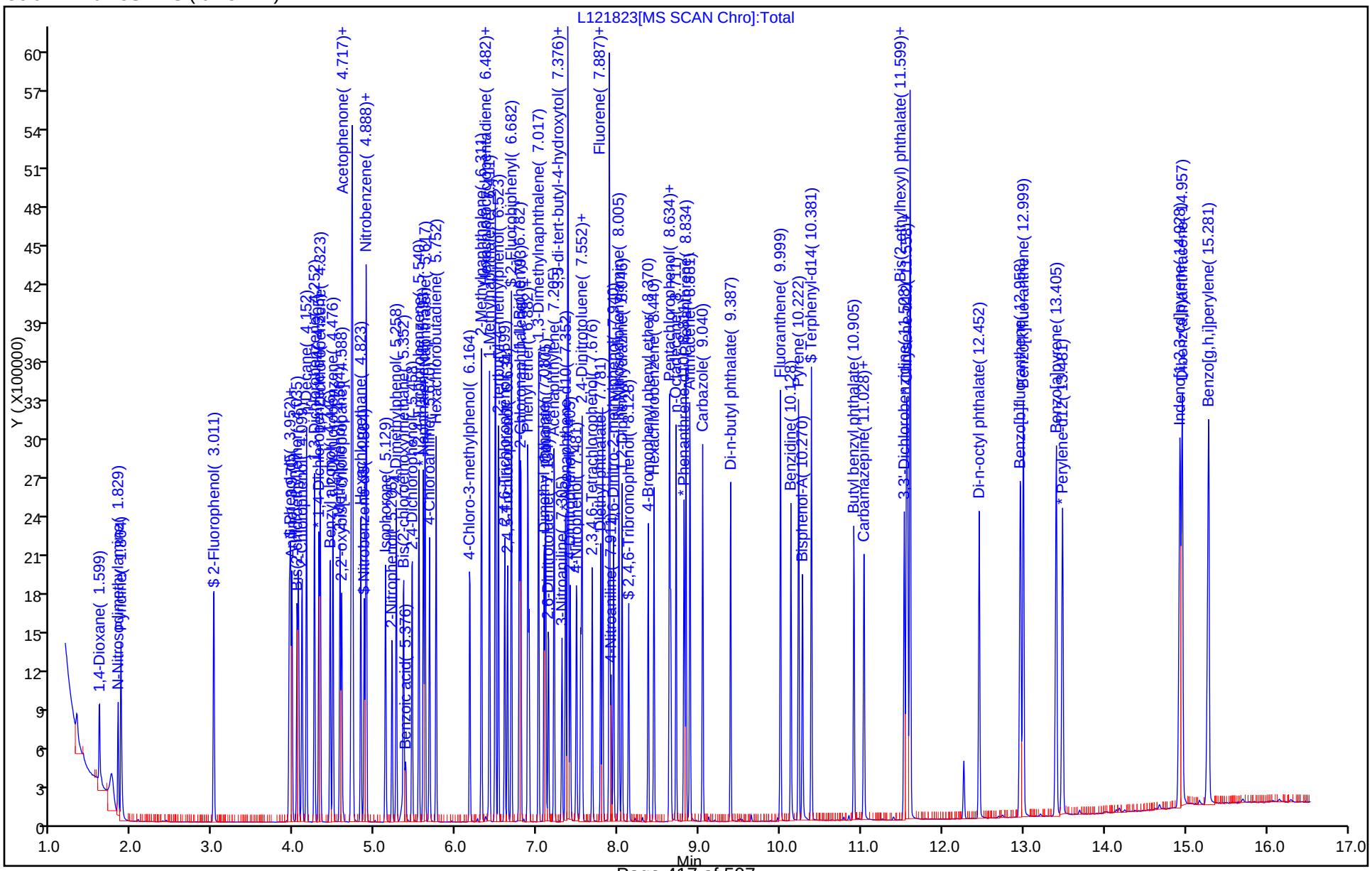
Report Date: 26-May-2015 11:42:31 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121823.D

Injection Date:	24-May-2015 09:15:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5016	0.4732	0.0100	47200	50000	-5.7	20.0
N-Nitrosodimethylamine	Ave	0.6855	0.6759		49300	50000	-1.4	20.0
Pyridine	Ave	1.211	1.190		49100	50000	-1.8	20.0
Phenol	Ave	1.473	1.572	0.8000	53400	50000	6.7	20.0
Aniline	Ave	1.743	1.790		51300	50000	2.7	20.0
Bis(2-chloroethyl)ether	Ave	1.162	1.143	0.7000	49200	50000	-1.6	20.0
2-Chlorophenol	Ave	1.319	1.317	0.8000	49900	50000	-0.2	20.0
n-Decane	Ave	1.301	1.234	0.0100	47500	50000	-5.1	20.0
1,3-Dichlorobenzene	Ave	1.572	1.539		48900	50000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.580	1.554		49200	50000	-1.7	20.0
Benzyl alcohol	Ave	0.7390	0.7720	0.0100	52200	50000	4.5	20.0
1,2-Dichlorobenzene	Ave	1.475	1.469		49800	50000	-0.4	20.0
2-Methylphenol	Ave	1.046	1.079	0.7000	51500	50000	3.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.506	1.507	0.0100	50000	50000	0.0	20.0
Acetophenone	Ave	1.485	1.572	0.0100	52900	50000	5.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.7392	0.7647	0.5000	51700	50000	3.5	20.0
3 & 4 Methylphenol	Ave	1.146	1.229		53600	50000	7.2	20.0
4-Methylphenol	Ave	1.146	1.229	0.6000	53600	50000	7.2	20.0
Hexachloroethane	Ave	0.5964	0.5897	0.3000	49400	50000	-1.1	20.0
Nitrobenzene	Ave	0.4700	0.4599	0.2000	48900	50000	-2.1	20.0
n,n'-Dimethylaniline	Ave	1.810	1.926	0.0100	53200	50000	6.4	20.0
Isophorone	Ave	0.5140	0.5380	0.4000	52300	50000	4.7	20.0
2-Nitrophenol	Ave	0.1863	0.1938	0.1000	52000	50000	4.0	20.0
2,4-Dimethylphenol	Ave	0.2871	0.2927	0.2000	51000	50000	2.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.3616	0.3612	0.3000	49900	50000	-0.1	20.0
Benzoic acid	Lin2		0.1585		53100	50000	6.3	20.0
2,4-Dichlorophenol	Ave	0.2888	0.3017	0.2000	52200	50000	4.5	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3449		50100	50000	0.2	20.0
Naphthalene	Ave	1.022	1.008	0.7000	49300	50000	-1.3	20.0
4-Chloroaniline	Ave	0.3943	0.4082	0.0100	51800	50000	3.5	20.0
Hexachlorobutadiene	Ave	0.2143	0.2158	0.0100	50300	50000	0.7	20.0
4-Chloro-3-methylphenol	Ave	0.2193	0.2432		55400	50000	10.9	20.0
2-Methylnaphthalene	Ave	0.6331	0.6564	0.4000	51800	50000	3.7	20.0
1-Methylnaphthalene	Ave	0.5839	0.6064	0.0100	51900	50000	3.9	20.0
Hexachlorocyclopentadiene	Ave	0.4457	0.5135	0.0500	57600	50000	15.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7461	0.7151	0.0100	47900	50000	-4.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4133	0.4558	0.0100	55100	50000	10.3	20.0
2,4,6-Trichlorophenol	Ave	0.4197	0.4388	0.2000	52300	50000	4.6	20.0
2,4,5-Trichlorophenol	Ave	0.4410	0.4577	0.2000	51900	50000	3.8	20.0
1,1'-Biphenyl	Ave	1.692	1.646	0.0100	48700	50000	-2.7	20.0
2-Chloronaphthalene	Ave	1.363	1.323	0.8000	48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9348	0.9363	0.0100	50100	50000	0.2	20.0
2-Nitroaniline	Ave	0.3675	0.3862	0.0100	52500	50000	5.1	20.0
1,3-Dimethylnaphthalene	Ave	1.069	1.027	0.0100	48000	50000	-4.0	20.0
Dimethyl phthalate	Ave	1.182	1.308	0.0100	55300	50000	10.7	20.0
Coumarin	Ave	0.1710	0.2118	0.0100	61900	50000	23.8*	20.0
2,6-Dinitrotoluene	Ave	0.2559	0.3056	0.2000	59700	50000	19.4	20.0
Acenaphthylene	Ave	1.868	1.882	0.9000	50400	50000	0.7	20.0
3-Nitroaniline	Ave	0.2858	0.3316	0.0100	58000	50000	16.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.195	1.318	0.0100	55200	50000	10.3	20.0
Acenaphthene	Ave	1.233	1.229	0.9000	49800	50000	-0.3	20.0
2,4-Dinitrophenol	Qua		0.2073	0.0100	123000	100000	23.2*	20.0
4-Nitrophenol	Ave	0.1636	0.1868	0.0100	114000	100000	14.2	20.0
2,4-Dinitrotoluene	Ave	0.2929	0.3834	0.2000	65500	50000	30.9*	20.0
Dibenzofuran	Ave	1.696	1.769	0.8000	52200	50000	4.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3188	0.3633	0.0100	57000	50000	13.9	20.0
Diethyl phthalate	Ave	1.078	1.239	0.0100	57500	50000	15.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6604	0.7103	0.4000	53800	50000	7.6	20.0
Fluorene	Ave	1.249	1.348	0.9000	54000	50000	7.9	20.0
4-Nitroaniline	Ave	0.2639	0.3132	0.0100	59300	50000	18.7	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1471	0.0100	105000	100000	4.8	20.0
N-Nitrosodiphenylamine	Ave	0.6067	0.6370	0.0100	52500	50000	5.0	20.0
1,2-Diphenylhydrazine	Ave	0.8332	0.7393	0.0100	44400	50000	-11.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2681	0.2590	0.1000	48300	50000	-3.4	20.0
Hexachlorobenzene	Ave	0.3092	0.3111	0.1000	50300	50000	0.6	20.0
Pentachlorophenol	Lin2		0.1815	0.0500	96800	100000	-3.2	20.0
Pentachloronitrobenzene	Ave	0.0981	0.0951	0.0100	48500	50000	-3.0	20.0
n-Octadecane	Ave	0.4716	0.4218	0.0100	44700	50000	-10.6	20.0
Phenanthrene	Ave	1.082	1.052	0.7000	48600	50000	-2.8	20.0
Anthracene	Ave	1.089	1.093	0.7000	50200	50000	0.4	20.0
Carbazole	Ave	0.9066	0.9223	0.0100	50900	50000	1.7	20.0
Di-n-butyl phthalate	Lin2		1.141	0.0100	49000	50000	-2.0	20.0
Fluoranthene	Ave	1.038	1.057	0.6000	50900	50000	1.8	20.0
Benzidine	Qua		0.7114		46000	50000	-8.0	20.0
Pyrene	Ave	1.107	1.173	0.6000	53000	50000	6.0	20.0
Butyl benzyl phthalate	Ave	0.4587	0.4929	0.0100	53700	50000	7.4	20.0
2,3,7,8-TCDD	Ave	0.1894	0.1894	0.0100	500	500	0.0	20.0
Carbamazepine	Ave	0.5711	0.4973	0.0100	43500	50000	-12.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4603	0.5172	0.0100	56200	50000	12.4	20.0
Benzo[a]anthracene	Ave	1.108	1.116	0.8000	50400	50000	0.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7709	0.7422	0.0100	48100	50000	-3.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-300737/2 Calibration Date: 05/26/2015 07:53

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121854.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.105	1.080	0.7000	48800	50000	-2.3	20.0
Di-n-octyl phthalate	Ave	1.041	1.013	0.0100	48700	50000	-2.7	20.0
Benzo[b]fluoranthene	Ave	0.9073	1.034	0.7000	57000	50000	14.0	20.0
Benzo[k]fluoranthene	Ave	1.055	1.084	0.7000	51400	50000	2.7	20.0
Benzo[a]pyrene	Ave	0.9620	1.046	0.7000	54400	50000	8.8	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.300	0.5000	47100	50000	-5.8	20.0
Dibenz(a,h)anthracene	Ave	1.256	1.280	0.4000	51000	50000	1.9	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.286	0.5000	45100	50000	-9.8	20.0
2-Fluorophenol (Surr)	Ave	1.291	1.335	0.0100	51700	50000	3.3	20.0
Phenol-d5 (Surr)	Ave	1.424	1.505	0.0100	52800	50000	5.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3521	0.3616	0.0100	51300	50000	2.7	20.0
2-Fluorobiphenyl	Ave	1.680	1.706	0.0100	50800	50000	1.5	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.3347	0.0100	60800	50000	21.7*	20.0
Terphenyl-d14 (Surr)	Ave	0.9132	0.998	0.0100	54600	50000	9.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121854.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 26-May-2015 07:53:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 13:41:48 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: manlangitf Date: 26-May-2015 08:13:35

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.576	1.576	0.000	92	281130	50.0	47.2	
	2 N-Nitrosodimethylamine	74	1.806	1.806	0.000	89	401596	50.0	49.3	
	3 Pyridine	79	1.841	1.841	0.000	95	706884	50.0	49.1	
$	4 2-Fluorophenol	112	2.982	2.982	0.000	96	792889	50.0	51.7	
$	6 Phenol-d5	99	3.923	3.923	0.000	94	894213	50.0	52.8	
	7 Phenol	94	3.935	3.935	0.000	99	933754	50.0	53.4	
	8 Aniline	93	3.947	3.947	0.000	99	1063365	50.0	51.3	
	9 Bis(2-chloroethyl)ether	93	4.011	4.011	0.000	99	679192	50.0	49.2	
	10 2-Chlorophenol	128	4.076	4.076	0.000	97	782430	50.0	49.9	
	11 n-Decane	43	4.129	4.129	0.000	90	733457	50.0	47.5	
	12 1,3-Dichlorobenzene	146	4.229	4.229	0.000	97	914365	50.0	48.9	
*	13 1,4-Dichlorobenzene-d4	152	4.282	4.282	0.000	94	475317	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.300	4.300	0.000	95	923359	50.0	49.2	
	15 Benzyl alcohol	108	4.423	4.423	0.000	94	458678	50.0	52.2	
	16 1,2-Dichlorobenzene	146	4.452	4.452	0.000	97	872620	50.0	49.8	
	17 2-Methylphenol	108	4.547	4.547	0.000	92	640896	50.0	51.5	
	18 2,2'-oxybis[1-chloropropan	45	4.564	4.564	0.000	94	895261	50.0	50.0	
	22 Acetophenone	105	4.694	4.694	0.000	92	933757	50.0	52.9	
	21 N-Nitrosodi-n-propylamine	70	4.694	4.694	0.000	87	454335	50.0	51.7	
	20 3 & 4 Methylphenol	108	4.705	4.705	0.000	97	729991	50.0	53.6	
	19 4-Methylphenol	108	4.705	4.705	0.000	94	729991	50.0	53.6	
	25 Hexachloroethane	117	4.799	4.799	0.000	92	350344	50.0	49.4	
$	26 Nitrobenzene-d5	82	4.841	4.841	0.000	86	761572	50.0	51.3	
	27 Nitrobenzene	77	4.864	4.864	0.000	98	968651	50.0	48.9	
	28 n,n'-Dimethylaniline	120	4.870	4.870	0.000	96	1144066	50.0	53.2	
	29 Isophorone	82	5.105	5.105	0.000	99	1133043	50.0	52.3	
	30 2-Nitrophenol	139	5.188	5.188	0.000	95	408102	50.0	52.0	
	31 2,4-Dimethylphenol	122	5.241	5.241	0.000	92	616374	50.0	51.0	
	32 Bis(2-chloroethoxy)methane	93	5.329	5.329	0.000	99	760635	50.0	49.9	
	33 Benzoic acid	122	5.364	5.364	0.000	89	333894	50.0	53.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.435	5.435	0.000	97	635340	50.0	52.2	
35 1,2,4-Trichlorobenzene	180	5.517	5.517	0.000	94	726454	50.0	50.1	
* 36 Naphthalene-d8	136	5.570	5.570	0.000	99	1684880	40.0	40.0	
37 Naphthalene	128	5.594	5.594	0.000	100	2123879	50.0	49.3	
38 4-Chloroaniline	127	5.647	5.647	0.000	97	859647	50.0	51.8	
39 Hexachlorobutadiene	225	5.729	5.729	0.000	97	454408	50.0	50.3	
41 4-Chloro-3-methylphenol	107	6.146	6.146	0.000	94	512187	50.0	55.4	
42 2-Methylnaphthalene	142	6.288	6.288	0.000	85	1382503	50.0	51.8	
43 1-Methylnaphthalene	142	6.388	6.388	0.000	93	1277126	50.0	51.9	
44 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	97	511532	50.0	57.6	
45 1,2,4,5-Tetrachlorobenzene	216	6.464	6.464	0.000	98	712317	50.0	47.9	
46 2-tertbutyl-4-methylphenol	149	6.499	6.499	0.000	93	959880	50.0	55.1	
48 2,4,6-Trichlorophenol	196	6.576	6.576	0.000	92	437085	50.0	52.3	
49 2,4,5-Trichlorophenol	196	6.611	6.611	0.000	99	455912	50.0	51.9	
$ 50 2-Fluorobiphenyl	172	6.658	6.658	0.000	98	1698968	50.0	50.8	
51 1,1'-Biphenyl	154	6.758	6.758	0.000	95	1639564	50.0	48.7	
52 2-Chloronaphthalene	162	6.776	6.776	0.000	99	1317342	50.0	48.5	
53 Phenyl ether	170	6.864	6.864	0.000	86	932591	50.0	50.1	
54 2-Nitroaniline	65	6.876	6.876	0.000	95	384669	50.0	52.5	
55 1,3-Dimethylnaphthalene	156	6.993	6.993	0.000	93	1022529	50.0	48.0	
58 Dimethyl phthalate	163	7.064	7.064	0.000	99	1303103	50.0	55.3	
59 Coumarin	146	7.082	7.082	0.000	81	446017	50.0	61.9	
60 2,6-Dinitrotoluene	165	7.117	7.117	0.000	96	304439	50.0	59.7	
61 Acenaphthylene	152	7.188	7.188	0.000	98	1874298	50.0	50.4	
62 3-Nitroaniline	138	7.282	7.282	0.000	97	330258	50.0	58.0	
* 63 Acenaphthene-d10	164	7.329	7.329	0.000	96	796865	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.352	7.352	0.000	96	1313086	50.0	55.2	
65 Acenaphthene	154	7.358	7.358	0.000	94	1224259	50.0	49.8	
66 2,4-Dinitrophenol	184	7.388	7.388	0.000	94	412927	100.0	123.2	
67 4-Nitrophenol	65	7.464	7.464	0.000	89	372114	100.0	114.2	
68 2,4-Dinitrotoluene	165	7.517	7.517	0.000	97	381925	50.0	65.5	
69 Dibenzofuran	168	7.529	7.529	0.000	96	1762332	50.0	52.2	
70 2,3,4,6-Tetrachlorophenol	232	7.658	7.658	0.000	98	361854	50.0	57.0	
71 Diethyl phthalate	149	7.764	7.764	0.000	99	1234122	50.0	57.5	
73 4-Chlorophenyl phenyl ethe	204	7.864	7.864	0.000	79	707522	50.0	53.8	
74 Fluorene	166	7.870	7.870	0.000	95	1342318	50.0	54.0	
75 4-Nitroaniline	138	7.888	7.888	0.000	87	311954	50.0	59.3	
76 4,6-Dinitro-2-methylphenol	198	7.923	7.923	0.000	93	491662	100.0	104.8	
77 N-Nitrosodiphenylamine	169	7.988	7.988	0.000	66	1064932	50.0	52.5	
78 1,2-Diphenylhydrazine	77	8.023	8.023	0.000	96	1235996	50.0	44.4	
$ 79 2,4,6-Tribromophenol	330	8.105	8.105	0.000	91	333365	50.0	60.8	
80 4-Bromophenyl phenyl ether	248	8.346	8.346	0.000	96	433036	50.0	48.3	
81 Hexachlorobenzene	284	8.417	8.417	0.000	95	520144	50.0	50.3	
83 Pentachlorophenol	266	8.611	8.611	0.000	96	606853	100.0	96.8	
84 Pentachloronitrobenzene	237	8.623	8.623	0.000	91	159063	50.0	48.5	
72 n-Octadecane	57	8.693	8.693	0.000	94	705175	50.0	44.7	
* 85 Phenanthrene-d10	188	8.787	8.787	0.000	98	1337438	40.0	40.0	
86 Phenanthrene	178	8.811	8.811	0.000	97	1758665	50.0	48.6	
87 Anthracene	178	8.858	8.858	0.000	99	1827638	50.0	50.2	
88 Carbazole	167	9.017	9.017	0.000	96	1541831	50.0	50.9	
89 Di-n-butyl phthalate	149	9.364	9.364	0.000	99	1907300	50.0	49.0	
90 Fluoranthene	202	9.976	9.976	0.000	98	1767605	50.0	50.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.105	10.105	0.000	99	1189273	50.0	46.0	
92 Pyrene	202	10.199	10.199	0.000	97	1793389	50.0	53.0	
93 Bisphenol-A	213	10.252	10.252	0.000	99	805116	50.0	55.9	
$ 94 Terphenyl-d14	244	10.358	10.358	0.000	99	1525804	50.0	54.6	
95 Butyl benzyl phthalate	149	10.881	10.881	0.000	95	753660	50.0	53.7	
96 2,3,7,8-TCDD	320	10.993	10.993	0.000	91	2896	0.5000	0.5001	
97 Carbamazepine	193	11.005	11.005	0.000	91	760433	50.0	43.5	
98 3,3'-Dichlorobenzidine	252	11.499	11.499	0.000	99	790813	50.0	56.2	
99 Benzo[a]anthracene	228	11.528	11.528	0.000	98	1706599	50.0	50.4	
* 100 Chrysene-d12	240	11.540	11.540	0.000	99	1223245	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.576	11.576	0.000	80	1134821	50.0	48.1	
101 Chrysene	228	11.576	11.576	0.000	98	1650809	50.0	48.8	
103 Di-n-octyl phthalate	149	12.423	12.423	0.000	96	1922186	50.0	48.7	
104 Benzo[b]fluoranthene	252	12.928	12.928	0.000	99	1961979	50.0	57.0	
105 Benzo[k]fluoranthene	252	12.964	12.964	0.000	99	2056831	50.0	51.4	
106 Benzo[a]pyrene	252	13.370	13.370	0.000	97	1985207	50.0	54.4	
* 107 Perylene-d12	264	13.446	13.446	0.000	99	1517914	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.893	14.893	0.000	99	2466014	50.0	47.1	
109 Dibenz(a,h)anthracene	278	14.922	14.922	0.000	96	2428798	50.0	51.0	
110 Benzo[g,h,i]perylene	276	15.246	15.246	0.000	98	2440584	50.0	45.1	

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

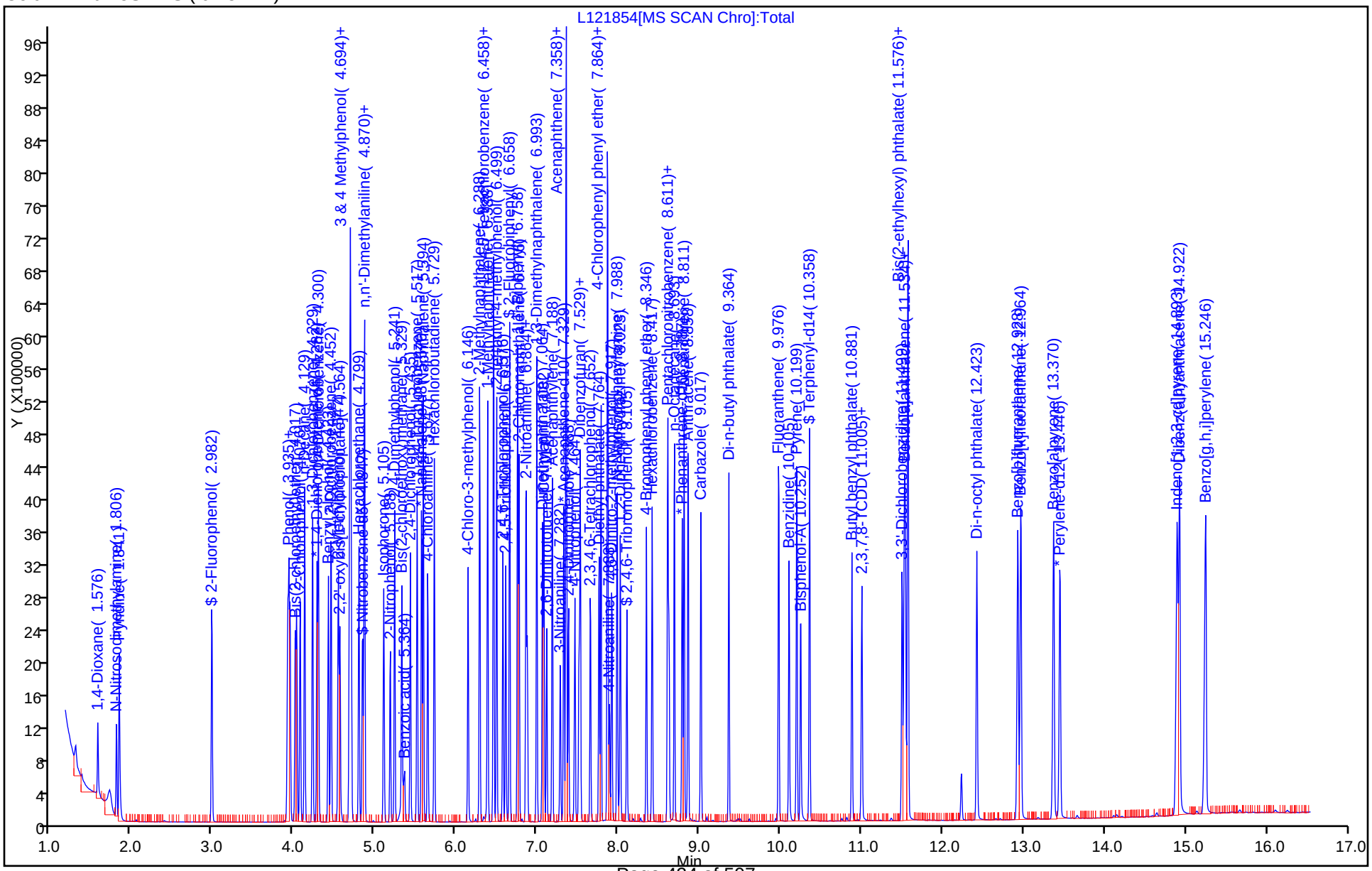
Report Date: 26-May-2015 13:41:49 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121854.D

Injection Date:	26-May-2015 07:53:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301565/2 Calibration Date: 05/29/2015 03:24

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121952.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5016	0.5210	0.0100	51900	50000	3.9	20.0
N-Nitrosodimethylamine	Ave	0.6855	0.7522		54900	50000	9.7	20.0
Pyridine	Ave	1.211	1.319		54400	50000	8.9	20.0
Phenol	Ave	1.473	1.676	0.8000	56900	50000	13.8	20.0
Aniline	Ave	1.743	1.908		54700	50000	9.5	20.0
Bis(2-chloroethyl)ether	Ave	1.162	1.174	0.7000	50500	50000	1.1	20.0
2-Chlorophenol	Ave	1.319	1.311	0.8000	49700	50000	-0.6	20.0
n-Decane	Ave	1.301	1.737	0.0100	66800	50000	33.5*	20.0
1,3-Dichlorobenzene	Ave	1.572	1.521		48400	50000	-3.3	20.0
1,4-Dichlorobenzene	Ave	1.580	1.544		48900	50000	-2.3	20.0
Benzyl alcohol	Ave	0.7390	0.7794	0.0100	52700	50000	5.5	20.0
1,2-Dichlorobenzene	Ave	1.475	1.445		49000	50000	-2.0	20.0
2-Methylphenol	Ave	1.046	1.090	0.7000	52100	50000	4.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.506	2.152	0.0100	71500	50000	42.9*	20.0
Acetophenone	Ave	1.485	1.581	0.0100	53200	50000	6.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.7392	0.7998	0.5000	54100	50000	8.2	20.0
3 & 4 Methylphenol	Ave	1.146	1.164		50800	50000	1.6	20.0
4-Methylphenol	Ave	1.146	1.164	0.6000	50800	50000	1.6	20.0
Hexachloroethane	Ave	0.5964	0.5771	0.3000	48400	50000	-3.2	20.0
Nitrobenzene	Ave	0.4700	0.5004	0.2000	53200	50000	6.5	20.0
n,n'-Dimethylaniline	Ave	1.810	1.927	0.0100	53200	50000	6.5	20.0
Isophorone	Ave	0.5140	0.5745	0.4000	55900	50000	11.8	20.0
2-Nitrophenol	Ave	0.1863	0.1896	0.1000	50900	50000	1.7	20.0
2,4-Dimethylphenol	Ave	0.2871	0.2996	0.2000	52200	50000	4.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.3616	0.3744	0.3000	51800	50000	3.5	20.0
Benzoic acid	Lin2		0.1229		41900	50000	-16.1	20.0
2,4-Dichlorophenol	Ave	0.2888	0.2906	0.2000	50300	50000	0.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3442	0.3431		49800	50000	-0.3	20.0
Naphthalene	Ave	1.022	1.026	0.7000	50200	50000	0.4	20.0
4-Chloroaniline	Ave	0.3943	0.4110	0.0100	52100	50000	4.2	20.0
Hexachlorobutadiene	Ave	0.2143	0.1962	0.0100	45800	50000	-8.5	20.0
4-Chloro-3-methylphenol	Ave	0.2193	0.2576		58700	50000	17.5	20.0
2-Methylnaphthalene	Ave	0.6331	0.6669	0.4000	52700	50000	5.3	20.0
1-Methylnaphthalene	Ave	0.5839	0.6191	0.0100	53000	50000	6.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7461	0.6860	0.0100	46000	50000	-8.1	20.0
Hexachlorocyclopentadiene	Ave	0.4457	0.4443	0.0500	49800	50000	-0.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4133	0.4489	0.0100	54300	50000	8.6	20.0
2,4,6-Trichlorophenol	Ave	0.4197	0.4284	0.2000	51000	50000	2.1	20.0
2,4,5-Trichlorophenol	Ave	0.4410	0.4479	0.2000	50800	50000	1.6	20.0
1,1'-Biphenyl	Ave	1.692	1.697	0.0100	50200	50000	0.3	20.0
2-Chloronaphthalene	Ave	1.363	1.304	0.8000	47800	50000	-4.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301565/2 Calibration Date: 05/29/2015 03:24

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121952.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9348	0.9156	0.0100	49000	50000	-2.1	20.0
2-Nitroaniline	Ave	0.3675	0.4678	0.0100	63600	50000	27.3*	20.0
1,3-Dimethylnaphthalene	Ave	1.069	1.117	0.0100	52200	50000	4.5	20.0
Dimethyl phthalate	Ave	1.182	1.317	0.0100	55700	50000	11.4	20.0
Coumarin	Ave	0.1710	0.2245	0.0100	65600	50000	31.3*	20.0
2,6-Dinitrotoluene	Ave	0.2559	0.3198	0.2000	62500	50000	25.0*	20.0
Acenaphthylene	Ave	1.868	1.966	0.9000	52600	50000	5.3	20.0
3-Nitroaniline	Ave	0.2858	0.3653	0.0100	63900	50000	27.8*	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.195	1.221	0.0100	51100	50000	2.2	20.0
Acenaphthene	Ave	1.233	1.233	0.9000	50000	50000	-0.0	20.0
2,4-Dinitrophenol	Qua		0.2092	0.0100	124000	100000	24.2*	20.0
4-Nitrophenol	Ave	0.1636	0.2550	0.0100	156000	100000	55.8*	20.0
2,4-Dinitrotoluene	Ave	0.2929	0.4159	0.2000	71000	50000	42.0*	20.0
Dibenzofuran	Ave	1.696	1.789	0.8000	52800	50000	5.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3188	0.3415	0.0100	53600	50000	7.1	20.0
Diethyl phthalate	Ave	1.078	1.283	0.0100	59500	50000	19.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6604	0.6763	0.4000	51200	50000	2.4	20.0
Fluorene	Ave	1.249	1.375	0.9000	55100	50000	10.1	20.0
4-Nitroaniline	Ave	0.2639	0.3783	0.0100	71700	50000	43.4*	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1448	0.0100	103000	100000	3.5	20.0
N-Nitrosodiphenylamine	Ave	0.6067	0.5303	0.0100	43700	50000	-12.6	20.0
1,2-Diphenylhydrazine	Ave	0.8332	0.7414	0.0100	44500	50000	-11.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2681	0.2138	0.1000	39900	50000	-20.3*	20.0
Hexachlorobenzene	Ave	0.3092	0.2392	0.1000	38700	50000	-22.6*	20.0
Pentachlorophenol	Lin2		0.1484	0.0500	79600	100000	-20.4*	20.0
Pentachloronitrobenzene	Ave	0.0981	0.0990	0.0100	50400	50000	0.8	20.0
n-Octadecane	Ave	0.4716	0.5146	0.0100	54600	50000	9.1	20.0
Phenanthrene	Ave	1.082	1.095	0.7000	50600	50000	1.2	20.0
Anthracene	Ave	1.089	1.122	0.7000	51500	50000	3.0	20.0
Carbazole	Ave	0.9066	1.014	0.0100	55900	50000	11.9	20.0
Di-n-butyl phthalate	Lin2		1.159	0.0100	49700	50000	-0.5	20.0
Fluoranthene	Ave	1.038	1.233	0.6000	59300	50000	18.7	20.0
Benzidine	Qua		0.9570		59500	50000	19.0	20.0
Pyrene	Ave	1.107	1.048	0.6000	47400	50000	-5.3	20.0
Butyl benzyl phthalate	Ave	0.4587	0.4879	0.0100	53200	50000	6.3	20.0
Carbamazepine	Ave	0.5711	0.6628	0.0100	58000	50000	16.1	20.0
3,3'-Dichlorobenzidine	Ave	0.4603	0.4886	0.0100	53100	50000	6.1	20.0
Benzo[a]anthracene	Ave	1.108	1.153	0.8000	52000	50000	4.1	20.0
Chrysene	Ave	1.105	1.115	0.7000	50400	50000	0.9	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7709	0.7103	0.0100	46100	50000	-7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Lab Sample ID: CCVIS 460-301565/2 Calibration Date: 05/29/2015 03:24

Instrument ID: CBNAMS12 Calib Start Date: 05/19/2015 04:30

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 05/19/2015 08:11

Lab File ID: L121952.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.041	1.067	0.0100	51300	50000	2.5	20.0
Benzo[b]fluoranthene	Ave	0.9073	1.064	0.7000	58700	50000	17.3	20.0
Benzo[k]fluoranthene	Ave	1.055	1.114	0.7000	52800	50000	5.5	20.0
Benzo[a]pyrene	Ave	0.9620	1.086	0.7000	56500	50000	12.9	20.0
Indeno[1,2,3-cd]pyrene	Lin2		1.308	0.5000	47400	50000	-5.3	20.0
Dibenz(a,h)anthracene	Ave	1.256	1.244	0.4000	49500	50000	-0.9	20.0
Benzo[g,h,i]perylene	Ave	1.426	1.306	0.5000	45800	50000	-8.4	20.0
2,3,7,8-TCDD	Ave	0.1894		0.0100	1.00	500		
2-Fluorophenol (Surr)	Ave	1.291	1.328	0.0100	51400	50000	2.8	20.0
Phenol-d5 (Surr)	Ave	1.424	1.563	0.0100	54900	50000	9.8	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3521	0.3762	0.0100	53400	50000	6.8	20.0
2-Fluorobiphenyl	Ave	1.680	1.649	0.0100	49100	50000	-1.9	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.2252	0.0100	41100	50000	-17.8	20.0
Terphenyl-d14 (Surr)	Ave	0.9132	0.7662	0.0100	41900	50000	-16.1	20.0

Report Date: 29-May-2015 11:50:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121952.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 29-May-2015 03:24:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027934-002
Misc. Info.: ccvis
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 29-May-2015 11:50:56 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: asfawa Date: 29-May-2015 03:52:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.517	1.517	0.000	99	224713	50.0	51.9	
2 N-Nitrosodimethylamine	74	1.741	1.741	0.000	82	324449	50.0	54.9	
3 Pyridine	79	1.776	1.776	0.000	83	568754	50.0	54.4	
$ 4 2-Fluorophenol	112	2.911	2.911	0.000	95	572568	50.0	51.4	
$ 6 Phenol-d5	99	3.841	3.841	0.000	85	674137	50.0	54.9	
7 Phenol	94	3.852	3.852	0.000	98	722883	50.0	56.9	
8 Aniline	93	3.870	3.870	0.000	99	823062	50.0	54.7	
9 Bis(2-chloroethyl)ether	93	3.935	3.935	0.000	95	506558	50.0	50.5	
10 2-Chlorophenol	128	3.994	3.994	0.000	95	565598	50.0	49.7	
11 n-Decane	43	4.052	4.052	0.000	94	748985	50.0	66.8	
12 1,3-Dichlorobenzene	146	4.147	4.147	0.000	95	656079	50.0	48.4	
* 13 1,4-Dichlorobenzene-d4	152	4.205	4.205	0.000	95	345051	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.223	4.223	0.000	95	665988	50.0	48.9	
15 Benzyl alcohol	108	4.347	4.347	0.000	92	336153	50.0	52.7	
16 1,2-Dichlorobenzene	146	4.376	4.376	0.000	96	623438	50.0	49.0	
17 2-Methylphenol	108	4.464	4.464	0.000	90	470247	50.0	52.1	
18 2,2'-oxybis[1-chloropropan	45	4.488	4.488	0.000	95	928016	50.0	71.5	
22 Acetophenone	105	4.611	4.611	0.000	94	681957	50.0	53.2	
21 N-Nitrosodi-n-propylamine	70	4.617	4.617	0.000	93	344981	50.0	54.1	
20 3 & 4 Methylphenol	108	4.623	4.623	0.000	87	501933	50.0	50.8	
19 4-Methylphenol	108	4.623	4.623	0.000	91	501933	50.0	50.8	
25 Hexachloroethane	117	4.717	4.717	0.000	93	248928	50.0	48.4	
$ 26 Nitrobenzene-d5	82	4.764	4.764	0.000	91	552992	50.0	53.4	
27 Nitrobenzene	77	4.782	4.782	0.000	91	735554	50.0	53.2	
28 n,n'-Dimethylaniline	120	4.788	4.788	0.000	92	831317	50.0	53.2	
29 Isophorone	82	5.023	5.023	0.000	99	844483	50.0	55.9	
30 2-Nitrophenol	139	5.105	5.105	0.000	90	278674	50.0	50.9	
31 2,4-Dimethylphenol	122	5.164	5.164	0.000	92	440359	50.0	52.2	
32 Bis(2-chloroethoxy)methane	93	5.252	5.252	0.000	97	550331	50.0	51.8	
33 Benzoic acid	122	5.270	5.270	0.000	91	180596	50.0	41.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.352	5.352	0.000	95	427138	50.0	50.3	
35 1,2,4-Trichlorobenzene	180	5.441	5.441	0.000	93	504314	50.0	49.8	
* 36 Naphthalene-d8	136	5.494	5.494	0.000	99	1176000	40.0	40.0	
37 Naphthalene	128	5.511	5.511	0.000	99	1508559	50.0	50.2	
38 4-Chloroaniline	127	5.570	5.570	0.000	96	604113	50.0	52.1	
39 Hexachlorobutadiene	225	5.652	5.652	0.000	95	288397	50.0	45.8	
41 4-Chloro-3-methylphenol	107	6.070	6.070	0.000	96	378711	50.0	58.7	
42 2-Methylnaphthalene	142	6.211	6.211	0.000	83	980338	50.0	52.7	
43 1-Methylnaphthalene	142	6.305	6.305	0.000	93	910016	50.0	53.0	
44 Hexachlorocyclopentadiene	237	6.382	6.382	0.000	97	299773	50.0	49.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.382	6.382	0.000	97	462811	50.0	46.0	
46 2-tertbutyl-4-methylphenol	149	6.423	6.423	0.000	92	659852	50.0	54.3	
48 2,4,6-Trichlorophenol	196	6.499	6.499	0.000	93	289032	50.0	51.0	
49 2,4,5-Trichlorophenol	196	6.535	6.535	0.000	98	302161	50.0	50.8	
$ 50 2-Fluorobiphenyl	172	6.582	6.582	0.000	98	1112433	50.0	49.1	
51 1,1'-Biphenyl	154	6.676	6.676	0.000	95	1145136	50.0	50.2	
52 2-Chloronaphthalene	162	6.693	6.693	0.000	98	879593	50.0	47.8	
53 Phenyl ether	170	6.782	6.782	0.000	87	617724	50.0	49.0	
54 2-Nitroaniline	65	6.799	6.799	0.000	98	315594	50.0	63.6	
55 1,3-Dimethylnaphthalene	156	6.911	6.911	0.000	92	753237	50.0	52.2	
58 Dimethyl phthalate	163	6.988	6.988	0.000	99	888505	50.0	55.7	
59 Coumarin	146	6.999	6.999	0.000	81	329996	50.0	65.6	
60 2,6-Dinitrotoluene	165	7.040	7.040	0.000	95	215781	50.0	62.5	
61 Acenaphthylene	152	7.105	7.105	0.000	98	1326659	50.0	52.6	
62 3-Nitroaniline	138	7.205	7.205	0.000	96	246448	50.0	63.9	
* 63 Acenaphthene-d10	164	7.246	7.246	0.000	97	539715	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.276	7.276	0.000	98	823421	50.0	51.1	
65 Acenaphthene	154	7.276	7.276	0.000	95	831585	50.0	50.0	
66 2,4-Dinitrophenol	184	7.305	7.305	0.000	96	282297	100.0	124.2	
67 4-Nitrophenol	65	7.388	7.388	0.000	92	344050	100.0	155.8	
68 2,4-Dinitrotoluene	165	7.435	7.435	0.000	97	280575	50.0	71.0	
69 Dibenzofuran	168	7.446	7.446	0.000	96	1207179	50.0	52.8	
70 2,3,4,6-Tetrachlorophenol	232	7.576	7.576	0.000	95	230411	50.0	53.6	
71 Diethyl phthalate	149	7.688	7.688	0.000	99	865379	50.0	59.5	
74 Fluorene	166	7.788	7.788	0.000	95	927553	50.0	55.1	
73 4-Chlorophenyl phenyl ethe	204	7.788	7.788	0.000	78	456270	50.0	51.2	
75 4-Nitroaniline	138	7.811	7.811	0.000	91	255208	50.0	71.7	
76 4,6-Dinitro-2-methylphenol	198	7.840	7.840	0.000	87	362450	100.0	103.5	
77 N-Nitrosodiphenylamine	169	7.905	7.905	0.000	68	663954	50.0	43.7	
78 1,2-Diphenylhydrazine	77	7.946	7.946	0.000	98	928146	50.0	44.5	
$ 79 2,4,6-Tribromophenol	330	8.023	8.023	0.000	95	151893	50.0	41.1	
80 4-Bromophenyl phenyl ether	248	8.270	8.270	0.000	92	267608	50.0	39.9	
81 Hexachlorobenzene	284	8.335	8.335	0.000	97	299480	50.0	38.7	
83 Pentachlorophenol	266	8.529	8.529	0.000	95	371583	100.0	79.6	
84 Pentachloronitrobenzene	237	8.546	8.546	0.000	89	123875	50.0	50.4	
72 n-Octadecane	57	8.617	8.617	0.000	94	644211	50.0	54.6	
* 85 Phenanthrene-d10	188	8.705	8.705	0.000	99	1001550	40.0	40.0	
86 Phenanthrene	178	8.729	8.729	0.000	97	1370750	50.0	50.6	
87 Anthracene	178	8.782	8.782	0.000	99	1404392	50.0	51.5	
88 Carbazole	167	8.940	8.940	0.000	96	1269794	50.0	55.9	
89 Di-n-butyl phthalate	149	9.287	9.287	0.000	100	1450511	50.0	49.7	
90 Fluoranthene	202	9.899	9.899	0.000	98	1543039	50.0	59.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.029	10.029	0.000	99	1198073	50.0	59.5	
92 Pyrene	202	10.117	10.117	0.000	97	1616903	50.0	47.4	
93 Bisphenol-A	213	10.170	10.170	0.000	100	833410	50.0	57.4	
$ 94 Terphenyl-d14	244	10.276	10.276	0.000	99	1181629	50.0	41.9	
95 Butyl benzyl phthalate	149	10.799	10.799	0.000	97	752392	50.0	53.2	
97 Carbamazepine	193	10.917	10.917	0.000	93	1022231	50.0	58.0	
98 3,3'-Dichlorobenzidine	252	11.405	11.405	0.000	100	753578	50.0	53.1	
99 Benzo[a]anthracene	228	11.428	11.428	0.000	99	1778105	50.0	52.0	
* 100 Chrysene-d12	240	11.446	11.446	0.000	99	1233785	40.0	40.0	
101 Chrysene	228	11.476	11.476	0.000	98	1719644	50.0	50.4	
102 Bis(2-ethylhexyl) phthalat	149	11.481	11.481	0.000	88	1095410	50.0	46.1	
103 Di-n-octyl phthalate	149	12.323	12.323	0.000	97	2104108	50.0	51.3	
104 Benzo[b]fluoranthene	252	12.817	12.817	0.000	99	2098566	50.0	58.7	
105 Benzo[k]fluoranthene	252	12.852	12.852	0.000	99	2195354	50.0	52.8	
106 Benzo[a]pyrene	252	13.252	13.252	0.000	96	2141331	50.0	56.5	
* 107 Perylene-d12	264	13.334	13.334	0.000	98	1577178	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.769	14.769	0.000	99	2578330	50.0	47.4	
109 Dibenz(a,h)anthracene	278	14.799	14.799	0.000	95	2453266	50.0	49.5	
110 Benzo[g,h,i]perylene	276	15.116	15.116	0.000	97	2573922	50.0	45.8	

Reagents:

SV_IC_BNA_L6_00011 Amount Added: 1.00 Units: mL

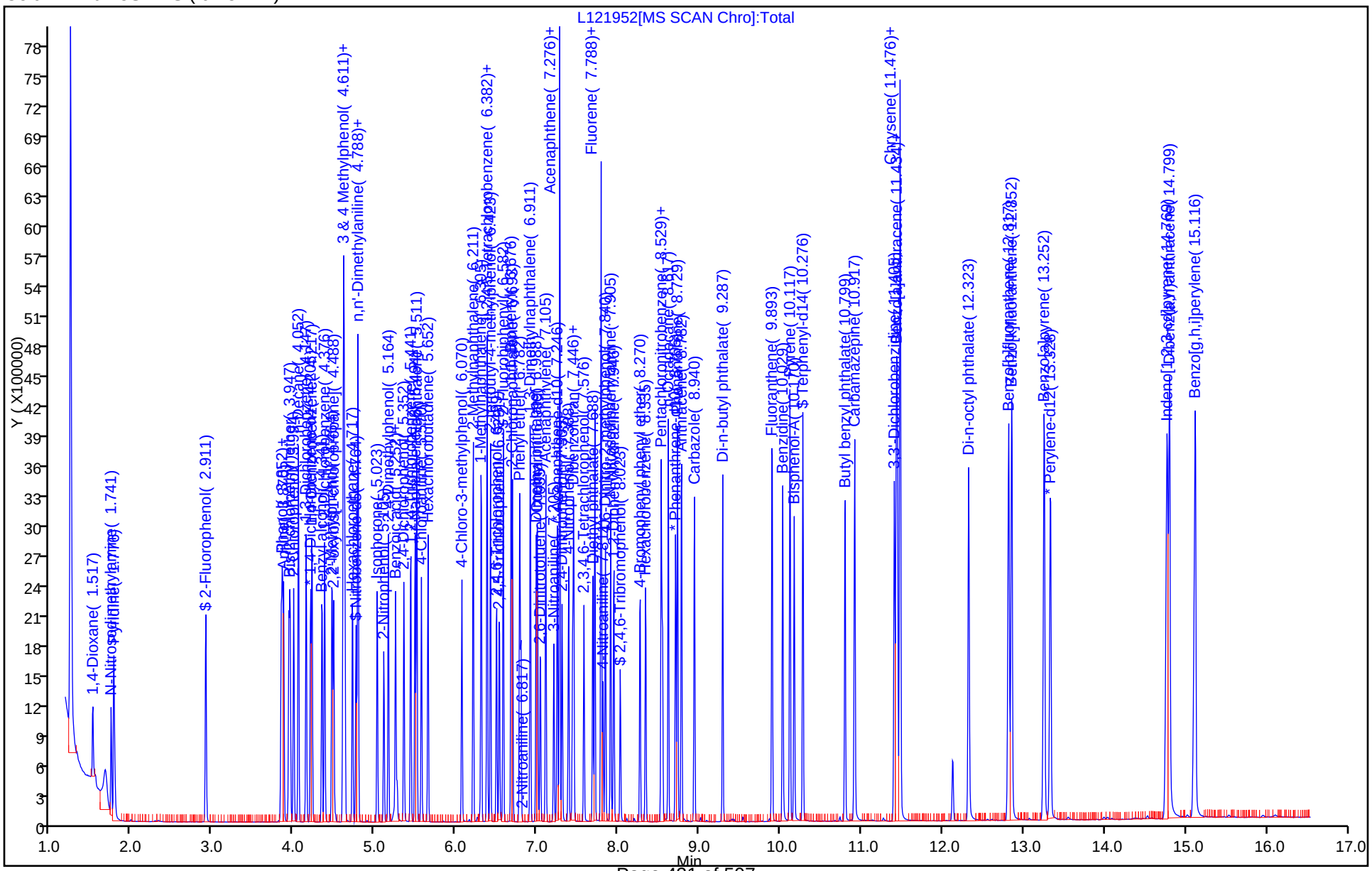
Report Date: 29-May-2015 11:50:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121952.D

Injection Date:	29-May-2015 03:24:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-May-2015 12:29:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027782-001
Misc. Info.: 25 PPM BNA 5100
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 13:11:39 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.069	5.069	0.000	91	18007	NR	NR	7
56 Benzidine_T	184	6.904	6.904	0.000	100	158643	NR	NR	7
124 DFTPP									
126 4,4'-DDD	235	7.581	7.581	0.000	90	1386		NR	7
127 4,4'-DDT	235	7.904	7.904	0.000	98	64698	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

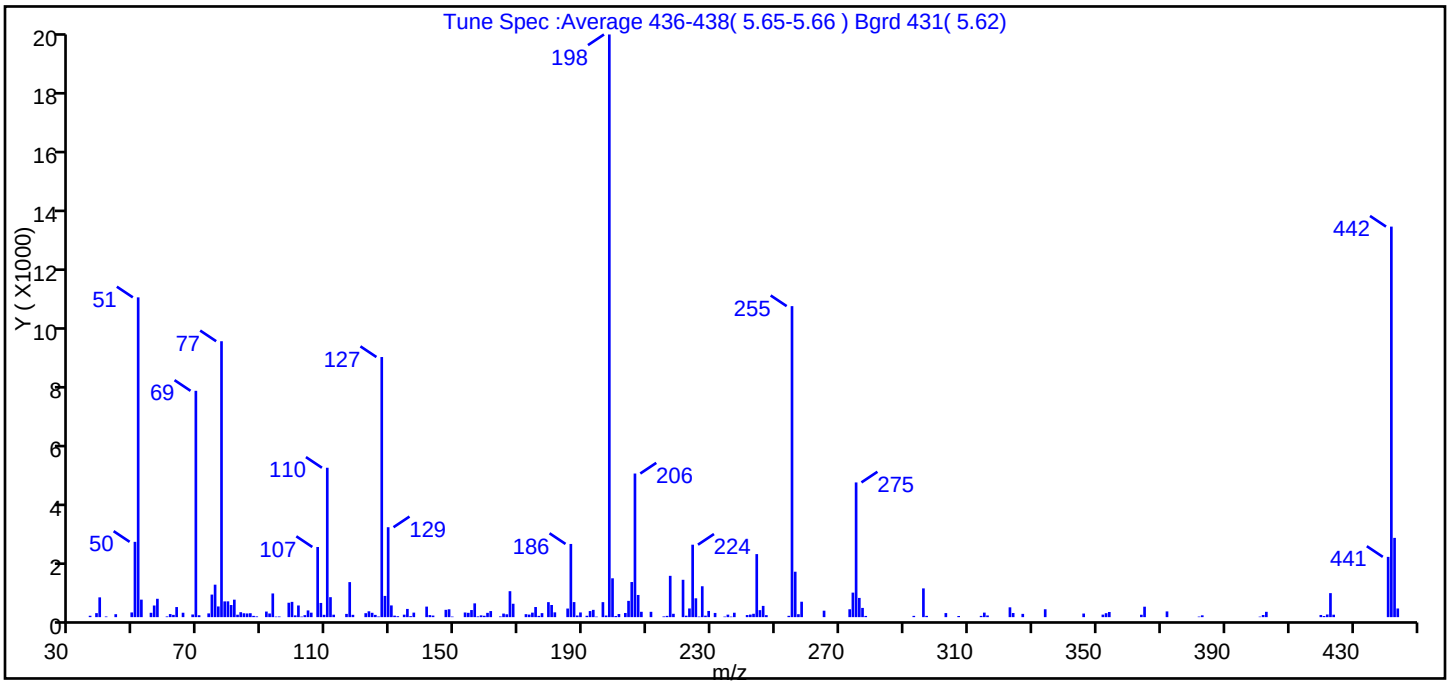
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	54.9
68	<2% of mass 69	0.5 (1.2)
69	Present	38.8
70	<2% of mass 69	0.3 (0.8)
127	40-60% of mass 198	44.6
197	<1% of mass 198	0.3
199	5-9% of mass 198	6.7
275	10-30% of mass 198	23.1
365	>1% of mass 198	1.8
441	Present but less than mass 443	10.3 (76.0)
442	>40% of mass 198	67.0
443	17-23% of mass 442	13.6 (20.3)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D\8270_11R_9.rslt\spectra.d
Injection Date: 26-May-2015 12:29:30
Spectrum: Tune Spec :Average 436-438(5.65-5.66) Bgrd 431(5.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	47	107.00	2357	177.00	135	246.00	378
38.00	135	108.00	477	179.00	504	247.00	67
39.00	665	109.00	78	180.00	408	254.00	44
41.00	23	110.00	5019	181.00	161	255.00	10449
44.00	99	111.00	671	185.00	289	256.00	1526
49.00	158	112.00	82	186.00	2459	257.00	99
50.00	2530	116.00	109	187.00	506	258.00	518
51.00	10744	117.00	1177	188.00	55	265.00	217
52.00	588	118.00	78	189.00	158	273.00	265
55.00	146	122.00	133	191.00	46	274.00	824
56.00	391	123.00	197	192.00	204	275.00	4526
57.00	617	124.00	146	193.00	245	276.00	646
60.00	24	125.00	76	194.00	17	277.00	310
61.00	103	126.00	22	196.00	504	278.00	41
62.00	76	127.00	8739	197.00	53	293.00	43
63.00	339	128.00	713	198.00	19576	296.00	966
65.00	148	129.00	3021	199.00	1305	297.00	43
68.00	89	130.00	394	200.00	37	303.00	137
69.00	7604	131.00	50	201.00	104	307.00	38
70.00	64	132.00	31	203.00	140	314.00	42
73.00	126	134.00	83	204.00	547	315.00	152
74.00	758	135.00	276	205.00	1180	316.00	56
75.00	1091	136.00	33	206.00	4825	323.00	330
76.00	359	137.00	152	207.00	745	324.00	139
77.00	9270	141.00	354	208.00	180	327.00	110
78.00	529	142.00	69	211.00	179	334.00	265
79.00	531	143.00	53	215.00	24	346.00	121
80.00	407	147.00	246	216.00	43	352.00	85
81.00	587	148.00	264	217.00	1388	353.00	133
82.00	81	149.00	19	218.00	113	354.00	173
83.00	166	153.00	156	221.00	1255	364.00	80
84.00	130	154.00	145	222.00	48	365.00	351
85.00	124	155.00	239	223.00	292	372.00	193

Report Date: 27-May-2015 13:11:41 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D\8270_11R_9.rslt\spectra.d
Injection Date: 26-May-2015 12:29:30
Spectrum: Tune Spec :Average 436-438(5.65-5.66) Bgrd 431(5.62)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 194

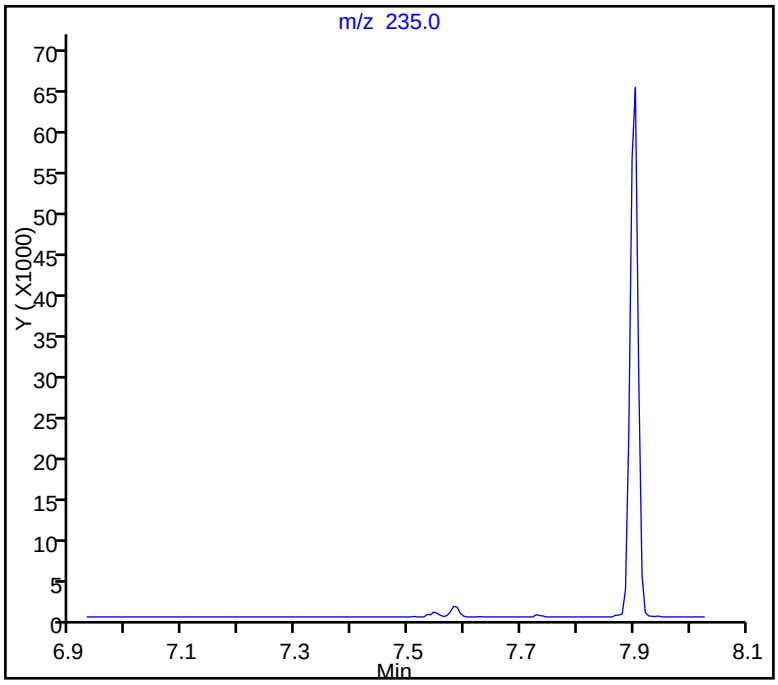
m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	132	156.00	463	224.00	2434	382.00	19
87.00	43	157.00	25	225.00	633	383.00	61
88.00	25	158.00	60	226.00	19	401.00	17
91.00	188	159.00	46	227.00	1038	402.00	72
92.00	123	160.00	144	228.00	49	403.00	179
93.00	796	161.00	204	229.00	208	420.00	73
94.00	18	164.00	23	231.00	141	421.00	37
95.00	22	165.00	119	234.00	19	422.00	89
98.00	484	166.00	96	235.00	84	423.00	807
99.00	513	167.00	872	236.00	18	424.00	82
100.00	59	168.00	450	237.00	148	441.00	2025
101.00	392	172.00	100	241.00	70	442.00	13121
102.00	18	173.00	86	242.00	86	443.00	2663
103.00	67	174.00	151	243.00	113	444.00	291
104.00	226	175.00	340	244.00	2118		
105.00	150	176.00	43	245.00	235		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 64698
126 4,4'-DDD, Area = 1386
125 4,4'-DDE, Area = 0

%Breakdown: 2.10%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

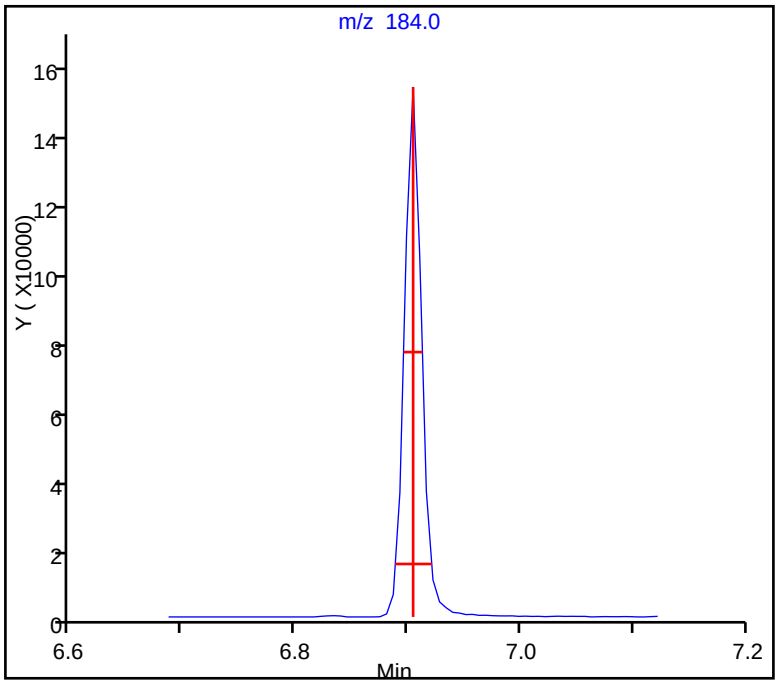
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

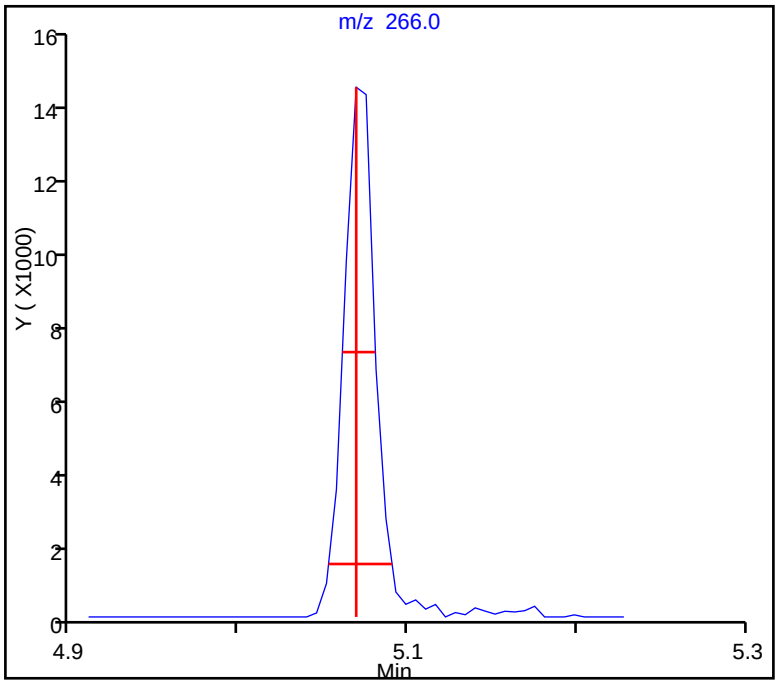
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1430.D
Injection Date: 26-May-2015 12:29:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.021 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.3, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 27-May-2015 20:02:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027871-001
Misc. Info.: 25 ppm bna 5100
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 27-May-2015 22:27:58 Calib Date: 26-May-2015 19:10:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150526-27812.b\z1446.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: baign Date: 27-May-2015 20:30:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.040	5.040	0.000	93	17596	NR	NR	7
56 Benzidine_T	184	6.869	6.869	0.000	100	142680	NR	NR	7
124 DFTPP									
125 4,4'-DDE	246	7.122	7.122	0.000	1	99		NR	7
126 4,4'-DDD	235	7.545	7.545	0.000	89	1494		NR	7
127 4,4'-DDT	235	7.869	7.869	0.000	99	55724	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

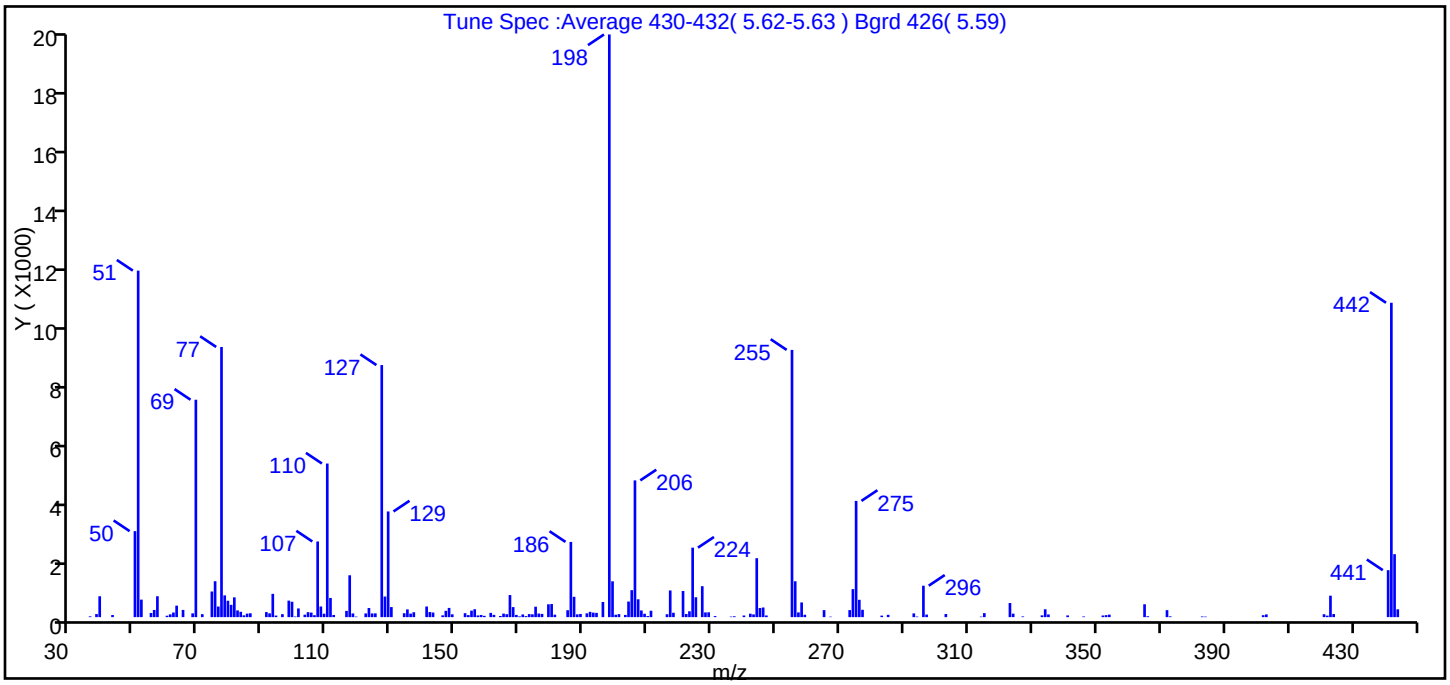
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	59.5
68	<2% of mass 69	0.6 (1.7)
69	Present	37.3
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	43.3
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.2
275	10-30% of mass 198	20.0
365	>1% of mass 198	2.2
441	Present but less than mass 443	8.1 (74.6)
442	>40% of mass 198	54.0
443	17-23% of mass 442	10.8 (20.0)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D\8270_11R_9.rslt\spectra.d
Injection Date: 27-May-2015 20:02:30
Spectrum: Tune Spec :Average 430-432(5.62-5.63) Bgrd 426(5.59)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	26	111.00	631	179.00	422	256.00	1179
38.00	101	112.00	71	180.00	431	257.00	155
39.00	687	116.00	205	181.00	81	258.00	483
43.00	70	117.00	1376	185.00	228	259.00	79
50.00	2827	118.00	122	186.00	2473	265.00	231
51.00	11390	119.00	18	187.00	669	267.00	16
52.00	576	122.00	122	188.00	92	273.00	232
55.00	136	123.00	300	189.00	105	274.00	921
56.00	236	124.00	122	191.00	125	275.00	3821
57.00	687	125.00	124	192.00	174	276.00	570
60.00	47	127.00	8286	193.00	148	277.00	242
61.00	92	128.00	677	194.00	140	283.00	50
62.00	152	129.00	3474	196.00	498	285.00	77
63.00	378	130.00	331	198.00	19152	293.00	123
65.00	237	134.00	129	199.00	1178	294.00	18
68.00	124	135.00	254	200.00	79	296.00	1033
69.00	7146	136.00	115	201.00	100	297.00	85
71.00	98	137.00	161	203.00	73	303.00	102
74.00	843	141.00	350	204.00	513	314.00	17
75.00	1181	142.00	168	205.00	887	315.00	132
76.00	349	143.00	151	206.00	4495	323.00	464
77.00	8881	146.00	59	207.00	587	324.00	115
78.00	716	147.00	208	208.00	220	327.00	23
79.00	539	148.00	303	209.00	111	333.00	59
80.00	404	149.00	93	210.00	36	334.00	259
81.00	650	153.00	130	211.00	212	335.00	89
82.00	221	154.00	67	216.00	95	341.00	57
83.00	175	155.00	214	217.00	877	346.00	22
84.00	60	156.00	260	218.00	144	352.00	54
85.00	116	157.00	56	221.00	860	353.00	66
86.00	127	158.00	72	222.00	102	354.00	83
91.00	167	159.00	43	223.00	192	365.00	423
92.00	125	161.00	140	224.00	2284	366.00	29

Report Date: 27-May-2015 22:28:00 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D\8270_11R_9.rslt\spectra.d
Injection Date: 27-May-2015 20:02:30
Spectrum: Tune Spec :Average 430-432(5.62-5.63) Bgrd 426(5.59)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

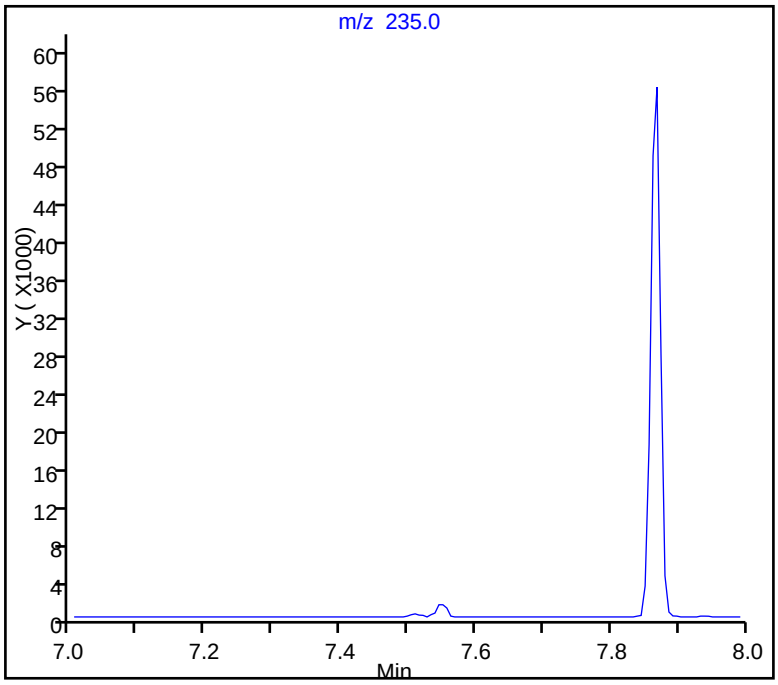
m/z	Y	m/z	Y	m/z	Y	m/z	Y
93.00	765	162.00	75	225.00	654	372.00	230
94.00	52	164.00	37	227.00	1017	373.00	26
96.00	98	165.00	116	228.00	156	383.00	22
98.00	543	166.00	97	229.00	159	384.00	17
99.00	506	167.00	726	231.00	35	402.00	64
100.00	20	168.00	330	236.00	18	403.00	90
101.00	286	169.00	73	237.00	28	421.00	96
103.00	81	170.00	25	240.00	54	422.00	50
104.00	163	171.00	89	242.00	113	423.00	706
105.00	150	172.00	34	243.00	91	424.00	102
106.00	64	173.00	100	244.00	1938	441.00	1544
107.00	2487	174.00	93	245.00	300	442.00	10334
108.00	350	175.00	343	246.00	317	443.00	2070
109.00	113	176.00	118	247.00	55	444.00	258
110.00	5049	177.00	107	255.00	8784		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 55724
126 4,4'-DDD, Area = 1494
125 4,4'-DDE, Area = 99

%Breakdown: 2.78%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

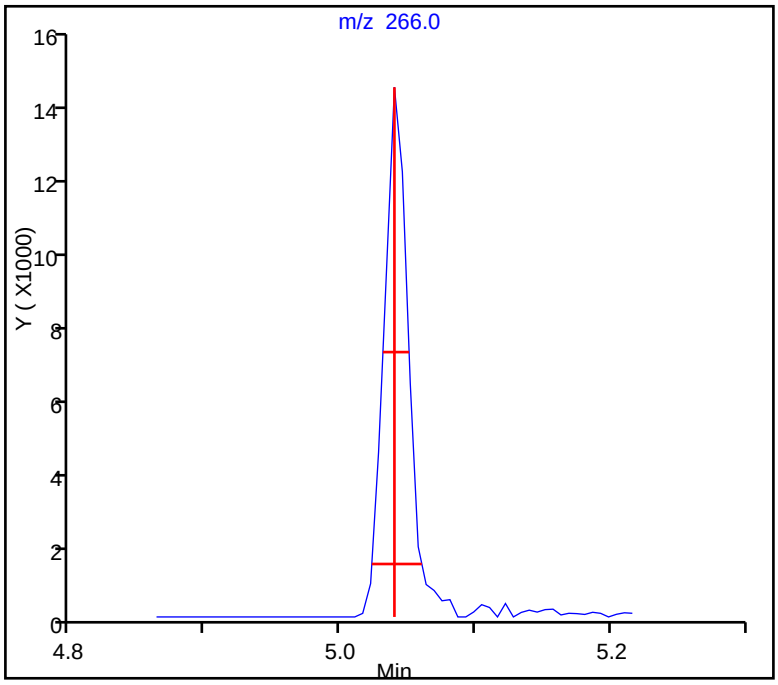
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

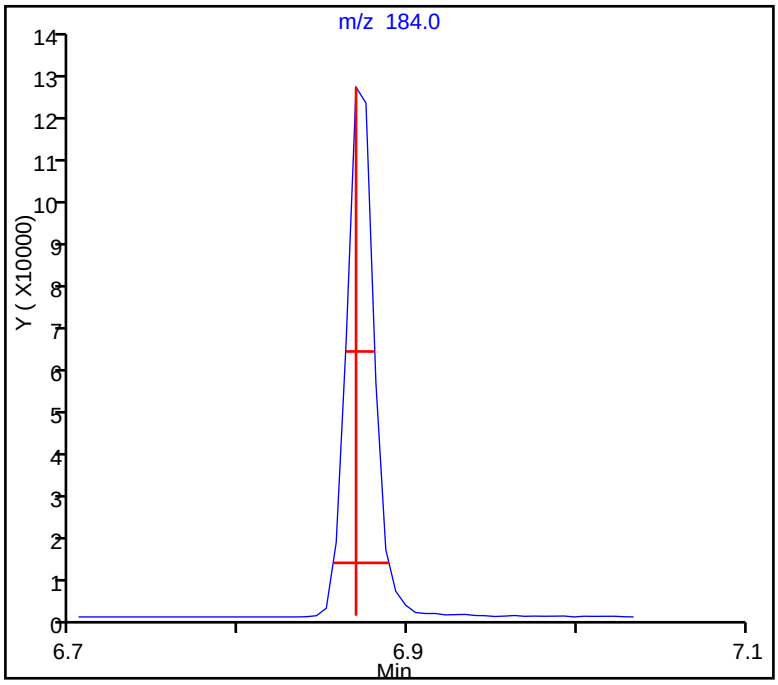
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS11\20150527-27871.b\z1481.D
Injection Date: 27-May-2015 20:02:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.020 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 19-May-2015 04:12:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027531-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-May-2015 13:07:11 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK014

First Level Reviewer: asfawa Date: 19-May-2015 04:25:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.810	4.810	0.000	94	54455	NR	NR	7
47 Benzidine_T	184	6.593	6.593	0.000	99	191450	NR	NR	7
121 DFTPP									
124 4,4'-DDT	235	7.575	7.575	0.000	99	102463	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

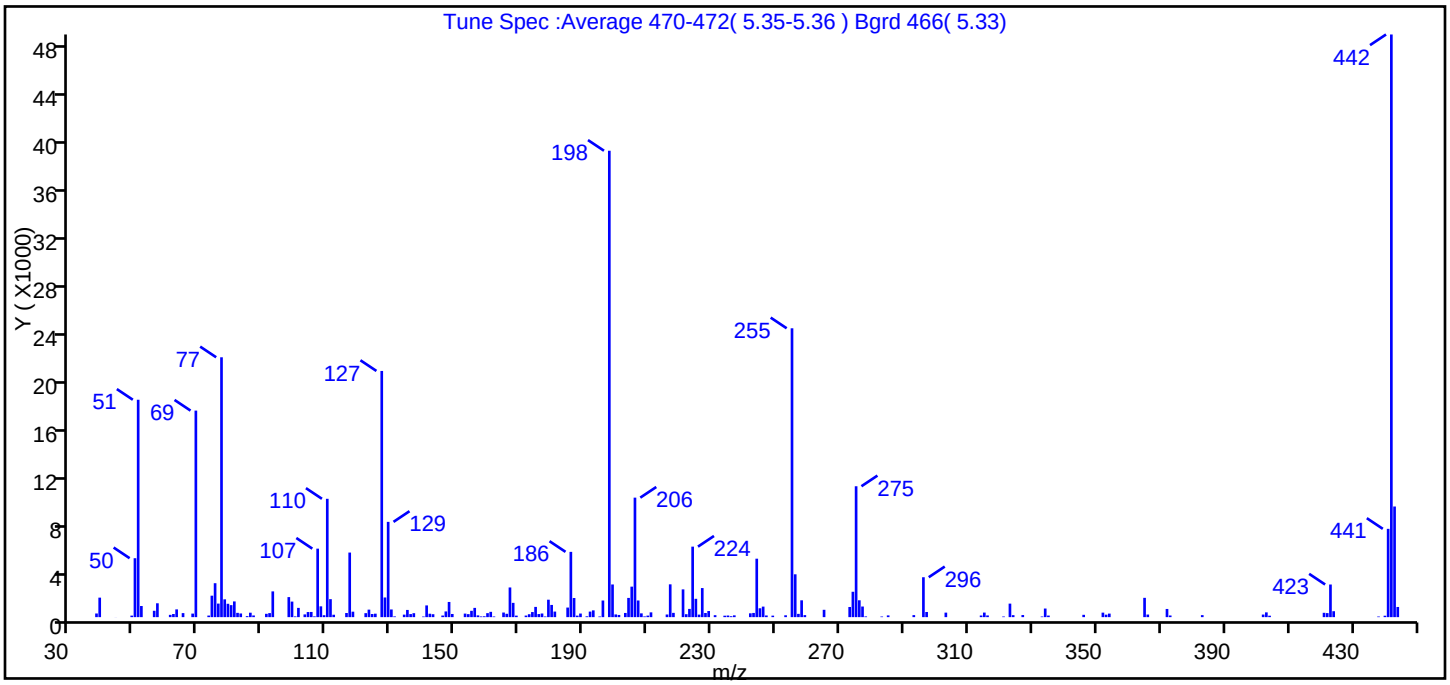
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	46.6
68	<2% of mass 69	0.8 (1.7)
69	Present	44.3
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	52.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	7.0
275	10-30% of mass 198	28.1
365	>1% of mass 198	4.1
441	Present but less than mass 443	18.9 (79.8)
442	>40% of mass 198	124.9
443	17-23% of mass 442	23.7 (19.0)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-May-2015 04:12:30
Spectrum: Tune Spec :Average 470-472(5.35-5.36) Bgrd 466(5.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 193

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	302	122.00	329	188.00	125	259.00	167
39.00	1609	123.00	619	189.00	297	265.00	606
44.00	5	124.00	258	191.00	67	273.00	838
49.00	126	125.00	285	192.00	458	274.00	2094
50.00	4862	127.00	20312	193.00	559	275.00	10799
51.00	17936	128.00	1622	195.00	52	276.00	1391
52.00	918	129.00	7861	196.00	1373	277.00	876
56.00	525	130.00	633	198.00	38480	278.00	59
57.00	1144	131.00	60	199.00	2696	283.00	51
61.00	189	134.00	208	200.00	224	285.00	144
62.00	258	135.00	594	201.00	180	293.00	167
63.00	641	136.00	253	203.00	346	296.00	3293
65.00	333	137.00	327	204.00	1586	297.00	425
68.00	293	140.00	50	205.00	2516	303.00	372
69.00	17040	141.00	968	206.00	9859	314.00	135
73.00	130	142.00	282	207.00	1375	315.00	377
74.00	1770	143.00	242	208.00	312	316.00	140
75.00	2800	146.00	132	209.00	58	321.00	52
76.00	1118	147.00	471	210.00	127	323.00	1116
77.00	21440	148.00	1253	211.00	395	324.00	163
78.00	1469	149.00	261	216.00	218	327.00	173
79.00	1102	153.00	292	217.00	2707	333.00	51
80.00	990	154.00	247	218.00	353	334.00	710
81.00	1297	155.00	523	221.00	2291	335.00	130
82.00	354	156.00	764	222.00	243	346.00	192
83.00	303	157.00	146	223.00	679	352.00	372
85.00	82	158.00	58	224.00	5817	353.00	204
86.00	366	159.00	70	225.00	1512	354.00	292
87.00	138	160.00	330	226.00	209	365.00	1593
91.00	275	161.00	438	227.00	2399	366.00	214
92.00	333	162.00	54	228.00	343	372.00	675
93.00	2125	165.00	380	229.00	505	373.00	136
98.00	1653	166.00	276	231.00	161	383.00	166

Report Date: 19-May-2015 13:07:12 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-May-2015 04:12:30
Spectrum: Tune Spec :Average 470-472(5.35-5.36) Bgrd 466(5.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 193

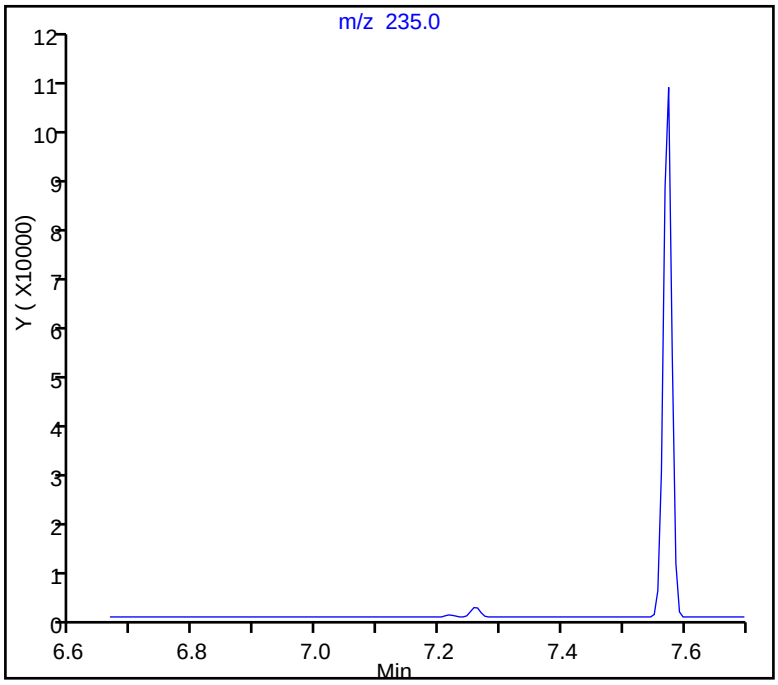
m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	1283	167.00	2449	234.00	120	402.00	214
100.00	59	168.00	1178	235.00	133	403.00	394
101.00	764	169.00	125	236.00	76	404.00	119
103.00	226	172.00	130	237.00	148	421.00	358
104.00	420	173.00	240	242.00	316	422.00	334
105.00	428	174.00	420	243.00	346	423.00	2693
106.00	61	175.00	845	244.00	4822	424.00	490
107.00	5651	176.00	255	245.00	732	438.00	51
108.00	892	177.00	301	246.00	869	440.00	117
109.00	158	178.00	52	247.00	138	441.00	7285
110.00	9764	179.00	1439	249.00	124	442.00	48072
111.00	1484	180.00	1007	253.00	153	443.00	9128
112.00	198	181.00	459	255.00	23832	444.00	839
116.00	341	185.00	791	256.00	3535		
117.00	5328	186.00	5386	257.00	270		
118.00	451	187.00	1578	258.00	1389		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 102463
123 4,4'-DDD, Area = 0
122 4,4'-DDE, Area = 0

%Breakdown: 0.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

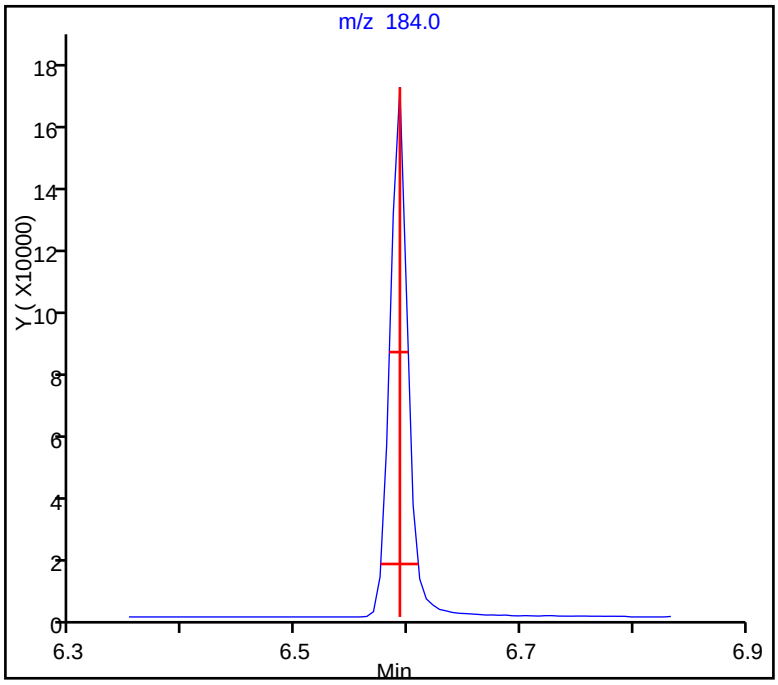
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

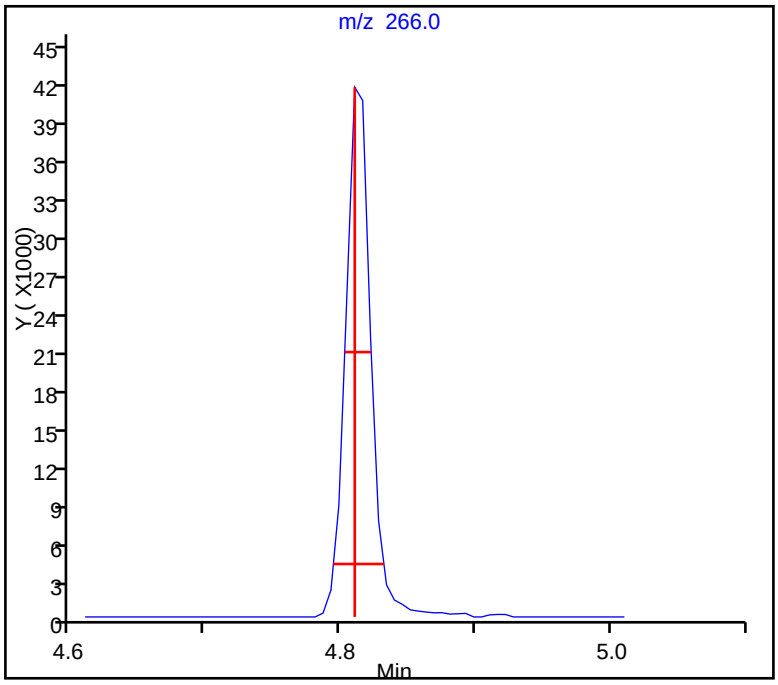
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121570.D
Injection Date: 19-May-2015 04:12:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.4, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 24-May-2015 08:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 24-May-2015 21:57:16 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: zhaoc Date: 24-May-2015 09:33:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.681	4.681	0.000	94	19554	NR	NR	7
47 Benzidine_T	184	6.457	6.457	0.000	99	215311	NR	NR	7
121 DFTPP									
123 4,4'-DDD	235	7.122	7.122	0.000	94	1438		NR	7
124 4,4'-DDT	235	7.440	7.440	0.000	99	67942	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

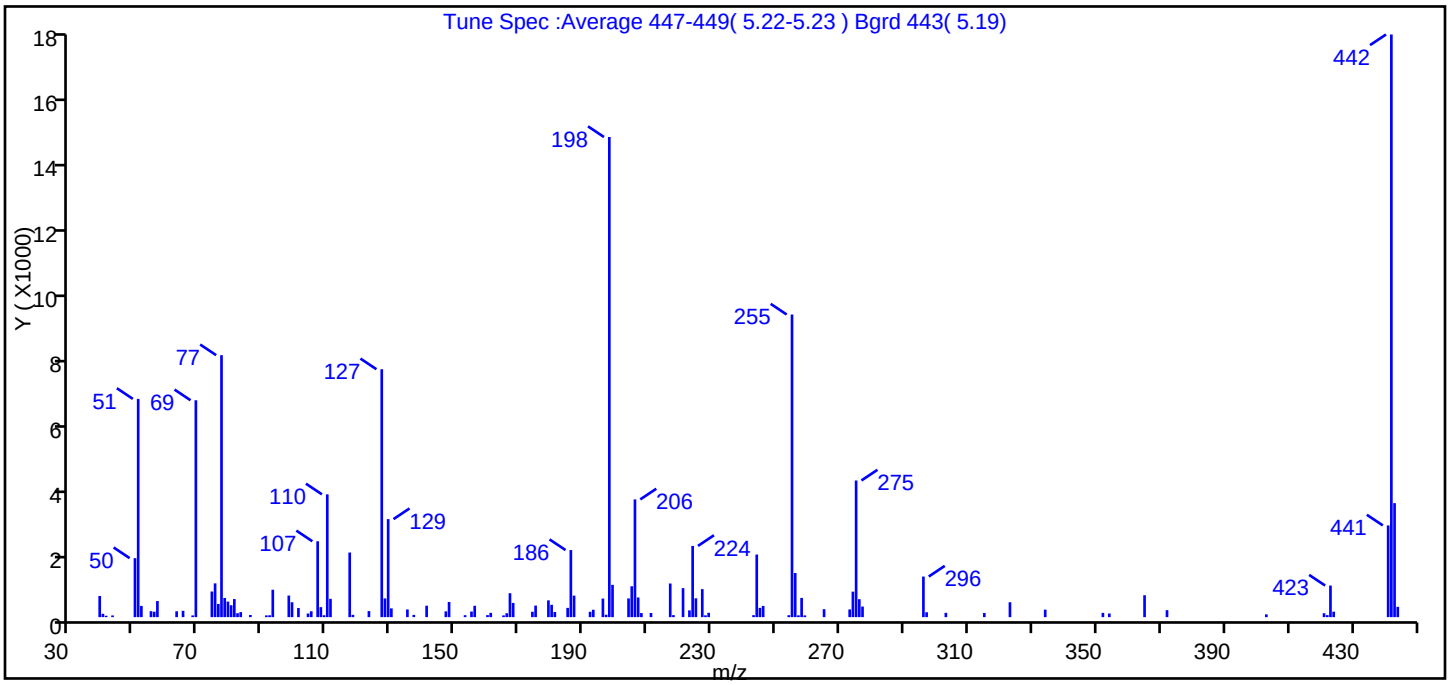
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.5
68	<2% of mass 69	0.4 (0.8)
69	Present	45.2
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	51.6
197	<1% of mass 198	0.5
199	5-9% of mass 198	6.7
275	10-30% of mass 198	28.5
365	>1% of mass 198	4.6
441	Present but less than mass 443	19.1 (80.5)
442	>40% of mass 198	121.4
443	17-23% of mass 442	23.7 (19.6)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D\8270_12R_9.rslt\spectra.d
Injection Date: 24-May-2015 08:57:30
Spectrum: Tune Spec :Average 447-449(5.22-5.23) Bgrd 443(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 123

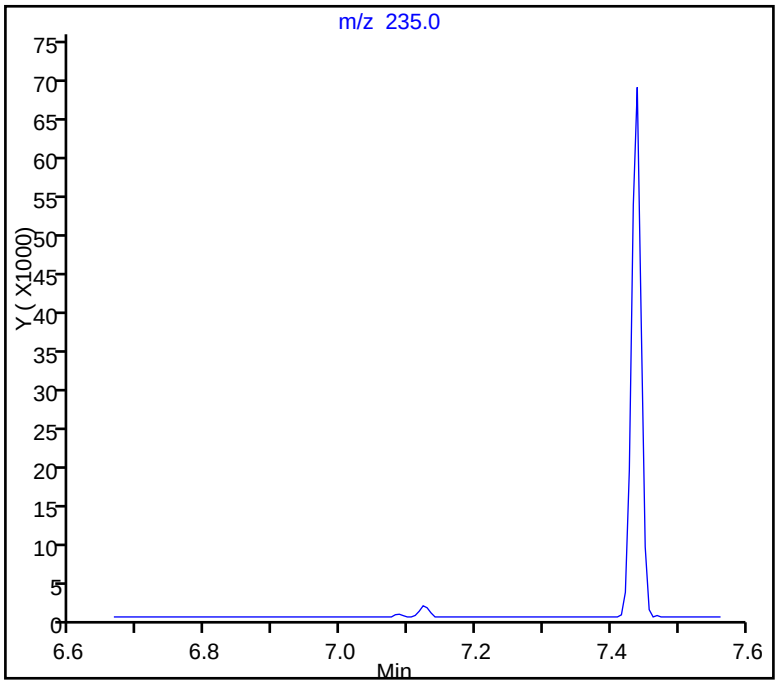
m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	619	104.00	106	180.00	360	255.00	8842
40.00	98	105.00	173	181.00	151	256.00	1290
41.00	41	107.00	2217	185.00	271	257.00	53
43.00	50	108.00	292	186.00	1960	258.00	562
50.00	1724	109.00	56	187.00	628	259.00	51
51.00	6377	110.00	3588	192.00	157	265.00	233
52.00	328	111.00	535	193.00	216	273.00	226
55.00	174	117.00	1888	196.00	543	274.00	745
56.00	158	118.00	67	197.00	70	275.00	3993
57.00	470	123.00	177	198.00	14028	276.00	524
63.00	172	127.00	7243	199.00	943	277.00	309
65.00	185	128.00	547	204.00	547	296.00	1186
68.00	50	129.00	2864	205.00	902	297.00	143
69.00	6337	130.00	256	206.00	3440	303.00	126
74.00	749	135.00	225	207.00	575	315.00	122
75.00	987	137.00	66	208.00	119	323.00	435
76.00	386	141.00	334	211.00	121	334.00	219
77.00	7654	147.00	169	217.00	983	352.00	125
78.00	561	148.00	443	218.00	59	354.00	106
79.00	454	153.00	57	221.00	848	365.00	640
80.00	348	155.00	165	223.00	198	372.00	204
81.00	528	156.00	331	224.00	2081	403.00	81
82.00	115	160.00	60	225.00	550	421.00	115
83.00	147	161.00	125	227.00	819	422.00	59
86.00	63	165.00	51	228.00	53	423.00	923
91.00	51	166.00	114	229.00	127	424.00	160
92.00	55	167.00	699	243.00	58	441.00	2680
93.00	801	168.00	415	244.00	1829	442.00	17024
98.00	630	174.00	158	245.00	271	443.00	3331
99.00	435	175.00	338	246.00	328	444.00	301
101.00	266	179.00	490	254.00	57		

Breakdown Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 67942
123 4,4'-DDD, Area = 1438
122 4,4'-DDE, Area = 0

%Breakdown: 2.07%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

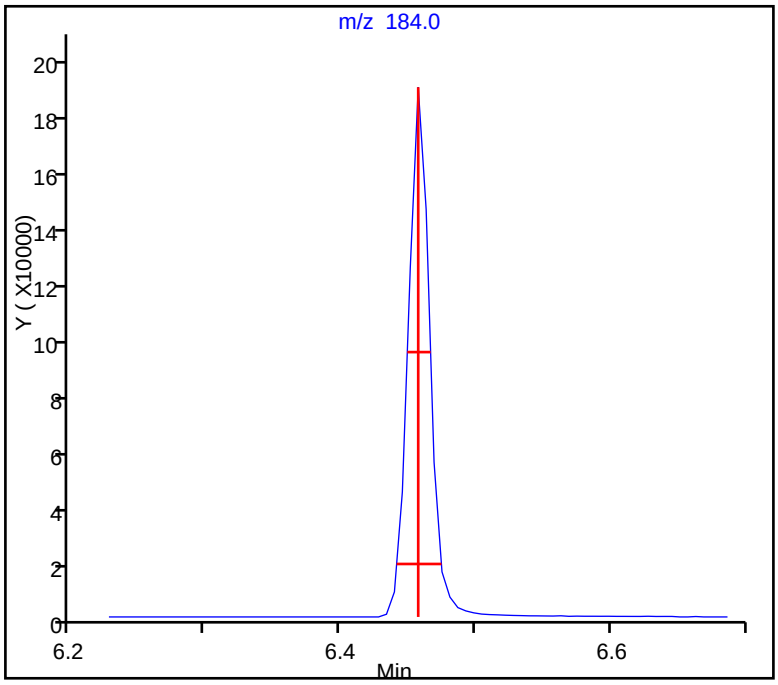
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

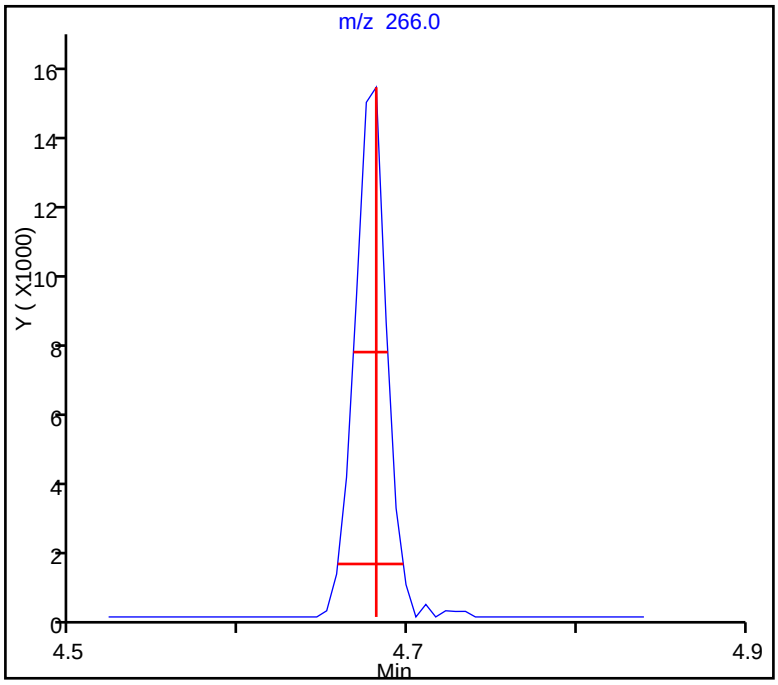
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121822.D
Injection Date: 24-May-2015 08:57:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.023 (min.)

Tailing Factor = 0.7, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 26-May-2015 07:08:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 13:41:45 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: sangfaib Date: 26-May-2015 22:48:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.669	4.669	0.000	95	35634	NR	NR	7
47 Benzidine_T	184	6.445	6.445	0.000	99	234382	NR	NR	7
121 DFTPP									
123 4,4'-DDD	235	7.116	7.116	0.000	94	2167		NR	7
124 4,4'-DDT	235	7.428	7.428	0.000	99	106102	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

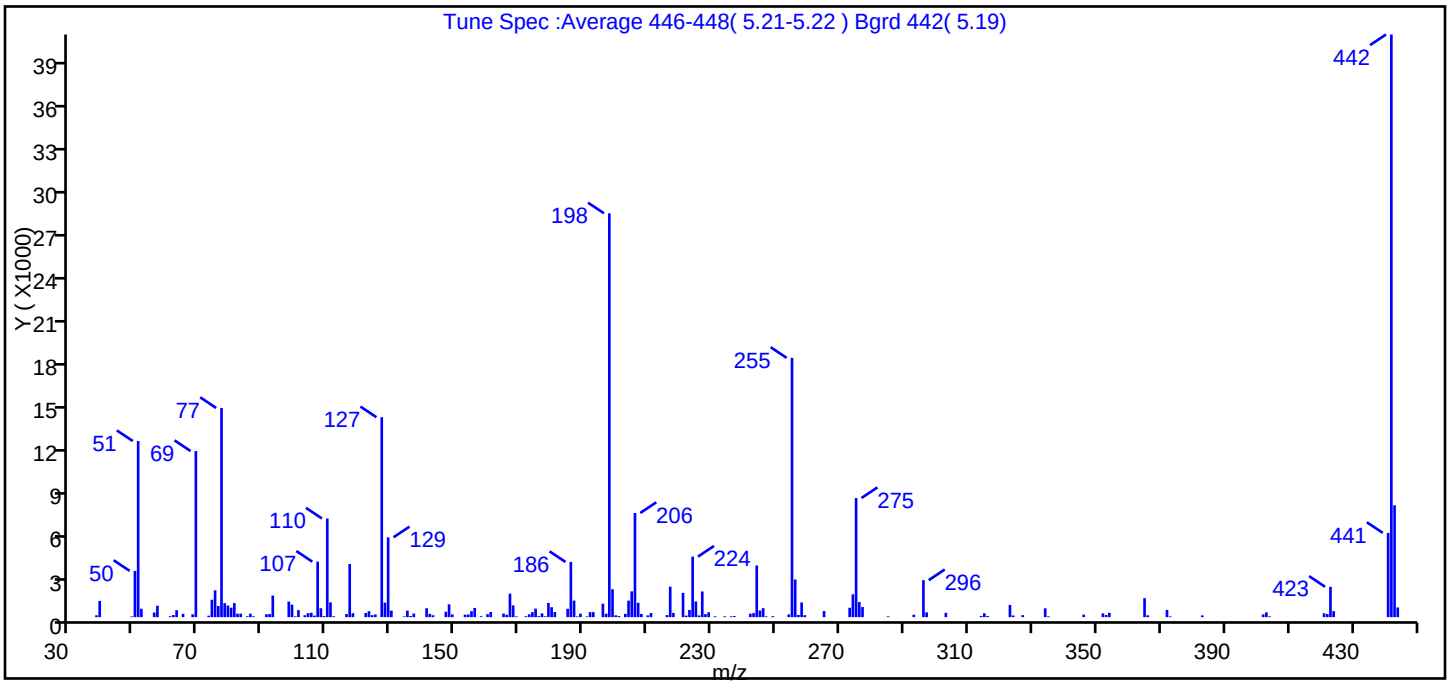
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	43.6
68	<2% of mass 69	0.7 (1.7)
69	Present	41.1
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	49.5
197	<1% of mass 198	0.8
199	5-9% of mass 198	6.9
275	10-30% of mass 198	29.5
365	>1% of mass 198	4.7
441	Present but less than mass 443	20.9 (75.3)
442	>40% of mass 198	144.3
443	17-23% of mass 442	27.7 (19.2)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D\8270_12R_9.rslt\spectra.d
Injection Date: 26-May-2015 07:08:30
Spectrum: Tune Spec :Average 446-448(5.21-5.22) Bgrd 442(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 178

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	130	116.00	219	187.00	1156	256.00	2630
39.00	1131	117.00	3707	188.00	50	257.00	152
49.00	50	118.00	275	189.00	245	258.00	1028
50.00	3230	122.00	289	191.00	51	259.00	139
51.00	12296	123.00	415	192.00	353	265.00	425
52.00	588	124.00	140	193.00	352	273.00	657
56.00	324	125.00	184	196.00	937	274.00	1593
57.00	797	127.00	13961	197.00	238	275.00	8316
61.00	68	128.00	1015	198.00	28200	276.00	1053
62.00	147	129.00	5576	199.00	1948	277.00	707
63.00	484	130.00	453	200.00	130	285.00	56
65.00	228	134.00	51	201.00	84	293.00	175
68.00	197	135.00	457	203.00	230	296.00	2582
69.00	11600	136.00	79	204.00	1151	297.00	332
73.00	102	137.00	250	205.00	1803	303.00	302
74.00	1214	141.00	623	206.00	7274	314.00	83
75.00	1875	142.00	227	207.00	1001	315.00	270
76.00	779	143.00	131	208.00	223	316.00	76
77.00	14607	147.00	376	210.00	124	323.00	853
78.00	978	148.00	896	211.00	290	324.00	117
79.00	813	149.00	191	216.00	145	327.00	141
80.00	658	153.00	175	217.00	2128	334.00	618
81.00	981	154.00	185	218.00	295	335.00	56
82.00	243	155.00	417	221.00	1696	346.00	178
83.00	244	156.00	644	222.00	111	352.00	263
85.00	59	158.00	64	223.00	500	353.00	149
86.00	243	160.00	207	224.00	4226	354.00	304
87.00	56	161.00	358	225.00	1094	365.00	1324
91.00	202	165.00	252	226.00	118	366.00	129
92.00	222	166.00	168	227.00	1791	372.00	507
93.00	1508	167.00	1641	228.00	209	373.00	51
98.00	1091	168.00	818	229.00	339	383.00	123
99.00	873	169.00	51	231.00	60	402.00	191

Report Date: 26-May-2015 13:41:46 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D\8270_12R_9.rslt\spectra.d
Injection Date: 26-May-2015 07:08:30
Spectrum: Tune Spec :Average 446-448(5.21-5.22) Bgrd 442(5.19)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 178

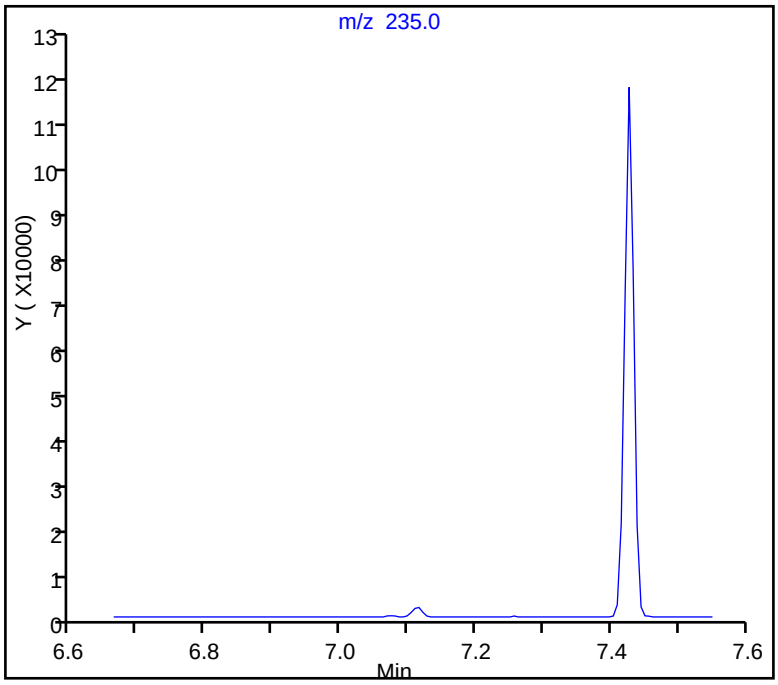
m/z	Y	m/z	Y	m/z	Y	m/z	Y
100.00	51	172.00	66	234.00	59	403.00	331
101.00	491	173.00	196	236.00	56	404.00	55
103.00	135	174.00	349	237.00	75	421.00	271
104.00	280	175.00	596	242.00	238	422.00	215
105.00	307	176.00	70	243.00	282	423.00	2119
106.00	106	177.00	263	244.00	3607	424.00	422
107.00	3872	178.00	54	245.00	469	441.00	5883
108.00	622	179.00	996	246.00	628	442.00	40688
109.00	71	180.00	695	247.00	50	443.00	7813
110.00	6889	181.00	355	249.00	70	444.00	675
111.00	1031	185.00	584	254.00	190		
112.00	61	186.00	3852	255.00	18104		

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D				
Injection Date:	26-May-2015 07:08:30	Instrument ID:	CBNAMS12		
Lims ID:	dftpp				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 106102
123 4,4'-DDD, Area = 2167
122 4,4'-DDE, Area = 0

%Breakdown: 2.00%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

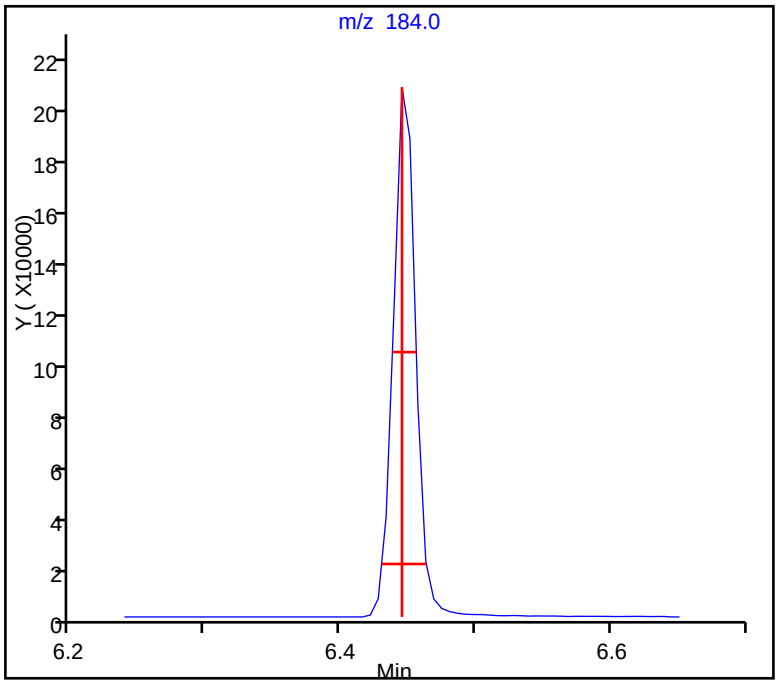
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

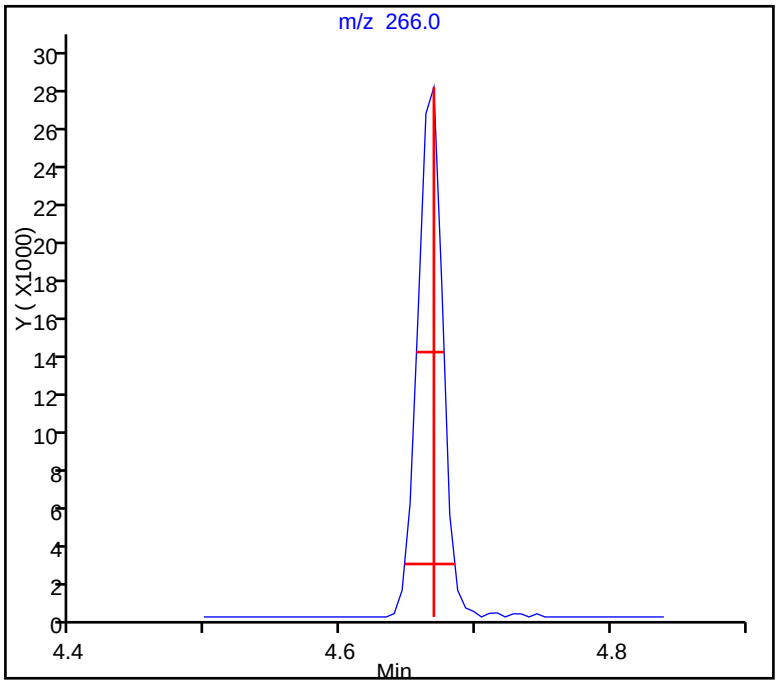
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121853.D
Injection Date: 26-May-2015 07:08:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.022 (min.)

Tailing Factor = 0.7, Max. Tailing < 2.00
Passed



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 29-May-2015 02:32:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027934-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 29-May-2015 11:50:52 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK030

First Level Reviewer: asfawa Date: 29-May-2015 02:46:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.563	4.563	0.000	93	46392	NR	NR	7
47 Benzidine_T	184	6.346	6.346	0.000	99	389780	NR	NR	7
121 DFTPP									
123 4,4'-DDD	235	7.010	7.010	0.000	93	2956		NR	7
124 4,4'-DDT	235	7.328	7.328	0.000	98	149151	NR	NR	7

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
7 - Failed Limit of Detection

Reagents:

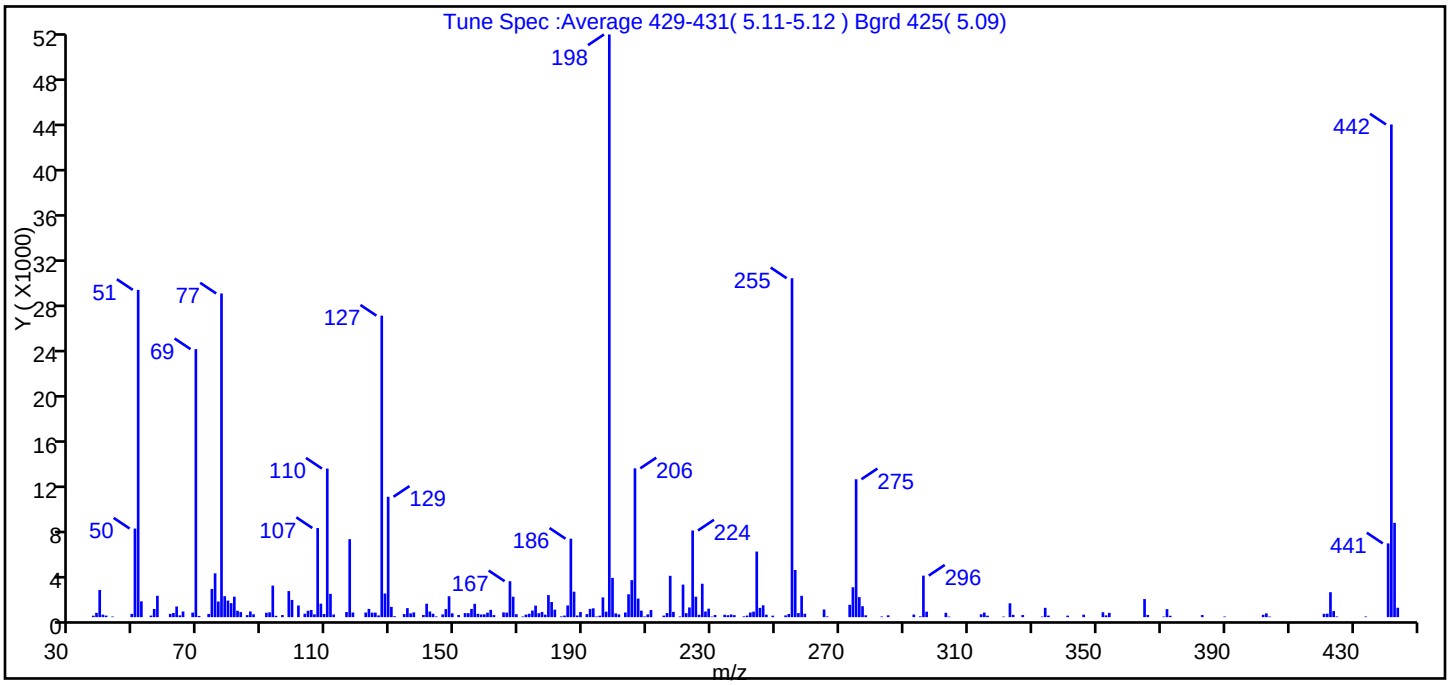
SMDFTTP_CH_00005 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D
Injection Date: 29-May-2015 02:32:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	56.2
68	<2% of mass 69	0.8 (1.7)
69	Present	46.0
70	<2% of mass 69	0.2 (0.5)
127	40-60% of mass 198	51.7
197	<1% of mass 198	0.9
199	5-9% of mass 198	6.7
275	10-30% of mass 198	23.7
365	>1% of mass 198	3.1
441	Present but less than mass 443	12.7 (78.2)
442	>40% of mass 198	84.6
443	17-23% of mass 442	16.2 (19.1)

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D\8270_12R_9.rslt\spectra.d
Injection Date: 29-May-2015 02:32:30
Spectrum: Tune Spec :Average 429-431(5.11-5.12) Bgrd 425(5.09)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 220

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	127	118.00	409	187.00	2233	256.00	4134
38.00	378	122.00	403	188.00	144	257.00	357
39.00	2384	123.00	722	189.00	450	258.00	1870
40.00	219	124.00	393	191.00	262	259.00	298
41.00	138	125.00	399	192.00	722	265.00	673
43.00	54	126.00	150	193.00	773	266.00	61
49.00	287	127.00	26432	194.00	59	273.00	1081
50.00	7766	128.00	2072	195.00	126	274.00	2619
51.00	28688	129.00	10553	196.00	1730	275.00	12090
52.00	1386	130.00	898	197.00	481	276.00	1755
55.00	137	131.00	80	198.00	51080	277.00	959
56.00	716	134.00	271	199.00	3439	278.00	163
57.00	1875	135.00	791	200.00	329	283.00	57
61.00	288	136.00	331	201.00	237	285.00	162
62.00	362	137.00	417	203.00	409	293.00	228
63.00	931	140.00	188	204.00	2004	295.00	69
64.00	154	141.00	1179	205.00	3242	296.00	3640
65.00	496	142.00	498	206.00	13045	297.00	479
68.00	397	143.00	300	207.00	1629	303.00	381
69.00	23496	144.00	58	208.00	568	304.00	51
70.00	108	146.00	237	209.00	62	314.00	251
73.00	282	147.00	704	210.00	242	315.00	397
74.00	2472	148.00	1830	211.00	625	316.00	127
75.00	3842	149.00	332	215.00	134	321.00	50
76.00	1369	151.00	185	216.00	360	323.00	1215
77.00	28376	153.00	355	217.00	3623	324.00	200
78.00	1837	154.00	351	218.00	463	327.00	185
79.00	1452	155.00	721	220.00	60	333.00	50
80.00	1226	156.00	1170	221.00	2854	334.00	817
81.00	1793	157.00	291	222.00	348	335.00	134
82.00	557	158.00	235	223.00	851	341.00	131
83.00	442	159.00	248	224.00	7598	346.00	217
85.00	178	160.00	392	225.00	1794	352.00	429

Report Date: 29-May-2015 11:50:54 Chrom Revision: 2.2 14-May-2015 11:41:56
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D\8270_12R_9.rslt\spectra.d
Injection Date: 29-May-2015 02:32:30
Spectrum: Tune Spec :Average 429-431(5.11-5.12) Bgrd 425(5.09)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 220

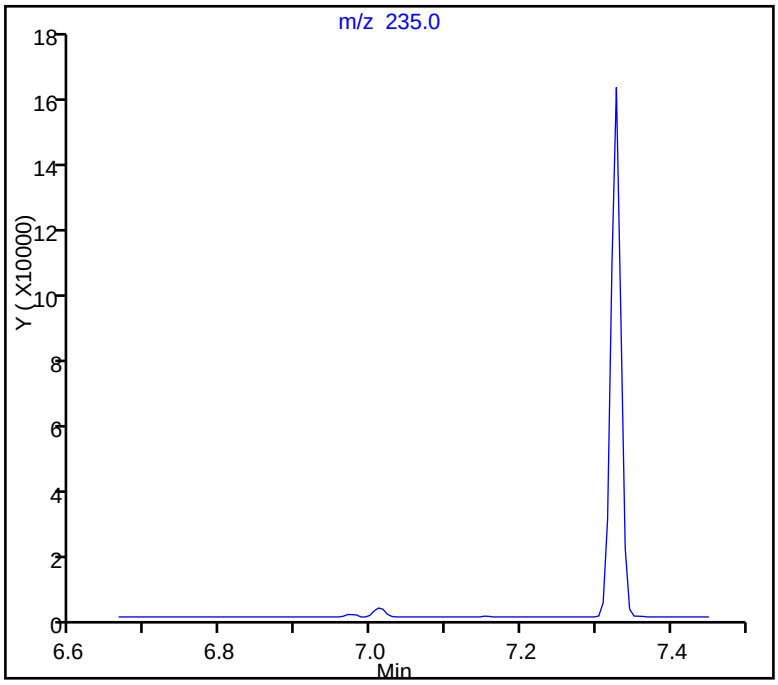
m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	499	161.00	640	226.00	205	353.00	154
87.00	253	162.00	180	227.00	2929	354.00	373
91.00	387	165.00	416	228.00	493	365.00	1585
92.00	419	166.00	397	229.00	741	366.00	194
93.00	2765	167.00	3150	230.00	50	371.00	53
94.00	119	168.00	1793	231.00	187	372.00	701
96.00	183	169.00	258	234.00	207	373.00	123
98.00	2285	171.00	58	235.00	164	383.00	183
99.00	1507	172.00	224	236.00	231	390.00	55
101.00	1022	173.00	293	237.00	176	402.00	207
103.00	300	174.00	576	240.00	69	403.00	334
104.00	563	175.00	1010	241.00	137	404.00	53
105.00	629	176.00	343	242.00	406	421.00	295
106.00	246	177.00	455	243.00	485	422.00	303
107.00	7813	178.00	215	244.00	5749	423.00	2187
108.00	1181	179.00	1932	245.00	812	424.00	530
109.00	273	180.00	1324	246.00	1039	425.00	57
110.00	13024	181.00	655	247.00	213	434.00	57
111.00	2042	183.00	66	249.00	129	441.00	6464
112.00	229	184.00	138	253.00	151	442.00	43192
116.00	448	185.00	1025	254.00	272	443.00	8266
117.00	6837	186.00	6876	255.00	29712	444.00	822

Breakdown Report

TestAmerica Edison

Data File:	\\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D				
Injection Date:	29-May-2015 02:32:30	Instrument ID:	CBNAMS12		
Lims ID:	dftpp				
Client ID:					
Operator ID:	BNA 12	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

124 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 149151
123 4,4'-DDD, Area = 2956
122 4,4'-DDE, Area = 0

%Breakdown: 1.94%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Edison

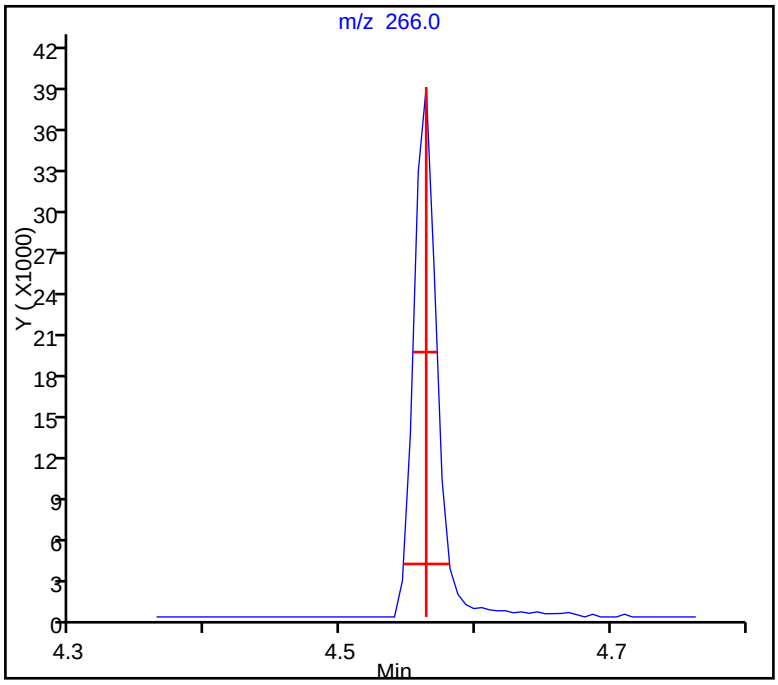
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D
Injection Date: 29-May-2015 02:32:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

23 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Peak Tailing Report

TestAmerica Edison

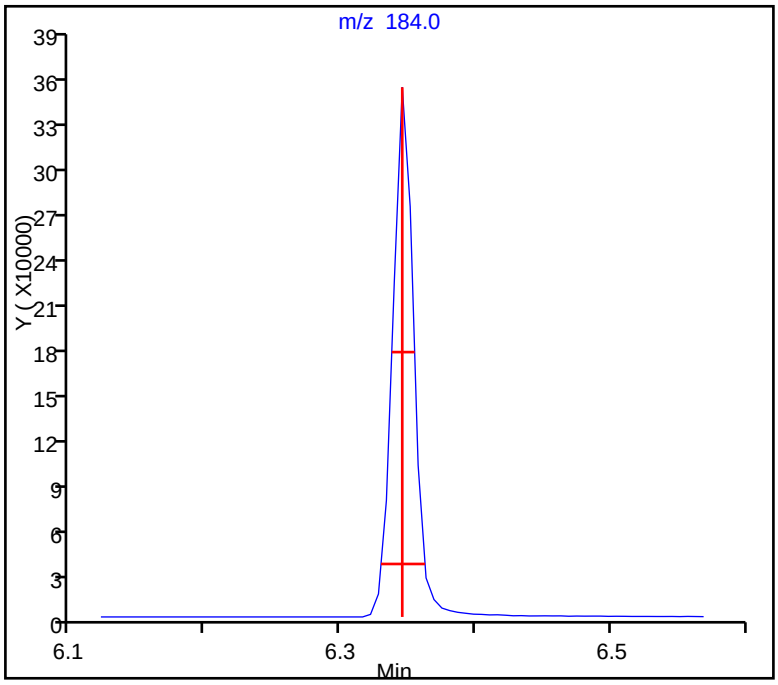
Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150529-27934.b\L121951.D
Injection Date: 29-May-2015 02:32:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

47 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.1, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-300363/1-A

Matrix: Solid | Lab File ID: L121829.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 15.0263(g) | Date Analyzed: 05/24/2015 11:47

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	330	U	330	8.0
208-96-8	Acenaphthylene	330	U	330	8.5
120-12-7	Anthracene	330	U	330	31
56-55-3	Benzo[a]anthracene	33	U	33	28
50-32-8	Benzo[a]pyrene	33	U	33	10
205-99-2	Benzo[b]fluoranthene	33	U	33	13
191-24-2	Benzo[g,h,i]perylene	330	U	330	19
207-08-9	Benzo[k]fluoranthene	33	U	33	14
218-01-9	Chrysene	330	U	330	9.0
53-70-3	Dibenz(a,h)anthracene	33	U	33	17
206-44-0	Fluoranthene	330	U	330	9.8
86-73-7	Fluorene	330	U	330	7.2
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	22
91-20-3	Naphthalene	330	U	330	8.4
85-01-8	Phenanthrene	330	U	330	8.8
129-00-0	Pyrene	330	U	330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	77		10-120
321-60-8	2-Fluorobiphenyl	76		40-109
367-12-4	2-Fluorophenol (Surr)	82		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	87		38-105
4165-62-2	Phenol-d5 (Surr)	85		41-118
1718-51-0	Terphenyl-d14 (Surr)	106		16-151

Report Date: 25-May-2015 13:11:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121829.D
Lims ID: MB 460-300363/1-A
Client ID:
Sample Type: MB
Inject. Date: 24-May-2015 11:47:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-008
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 25-May-2015 13:11:53 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK011

First Level Reviewer: bayoumiw Date: 25-May-2015 13:11:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.017	3.011	0.006	96	551198	50.0	41.1	
$ 6 Phenol-d5	99	3.935	3.941	-0.006	87	625916	50.0	42.4	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	415049	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.858	4.864	-0.006	88	549851	50.0	43.7	
* 36 Naphthalene-d8	136	5.587	5.593	-0.006	99	1428647	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	1099750	50.0	38.2	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	93	685551	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	180103	50.0	38.4	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	923769	40.0	40.0	
$ 94 Terphenyl-d14	244	10.381	10.381	0.000	99	787304	50.0	53.0	
* 100 Chrysene-d12	240	11.563	11.564	-0.001	99	650691	40.0	40.0	
* 107 Perylene-d12	264	13.469	13.475	-0.006	99	676413	40.0	40.0	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 25-May-2015 13:11:53 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121829.D

Injection Date:	24-May-2015 11:47:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	MB 460-300363/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-300363/2-A

Matrix: Solid | Lab File ID: L121858.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 15.0214(g) | Date Analyzed: 05/26/2015 09:33

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

Injection Volume: 1(uL) | Level: (low/med) Low

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

Analysis Batch No.: 300737 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2380		330	8.0
208-96-8	Acenaphthylene	2620		330	8.5
120-12-7	Anthracene	2790		330	31
56-55-3	Benzo[a]anthracene	2650		33	28
50-32-8	Benzo[a]pyrene	2950		33	10
205-99-2	Benzo[b]fluoranthene	2990		33	13
191-24-2	Benzo[g,h,i]perylene	2670		330	19
207-08-9	Benzo[k]fluoranthene	2810		33	14
218-01-9	Chrysene	2570		330	9.0
53-70-3	Dibenz(a,h)anthracene	2950		33	17
206-44-0	Fluoranthene	2810		330	9.8
86-73-7	Fluorene	2830		330	7.2
193-39-5	Indeno[1,2,3-cd]pyrene	2660		33	22
91-20-3	Naphthalene	2610		330	8.4
85-01-8	Phenanthrene	2790		330	8.8
129-00-0	Pyrene	3070		330	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-120
321-60-8	2-Fluorobiphenyl	69		40-109
367-12-4	2-Fluorophenol (Surr)	73		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
4165-62-2	Phenol-d5 (Surr)	78		41-118
1718-51-0	Terphenyl-d14 (Surr)	86		16-151

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121858.D
Lims ID: LCS 460-300363/2-A
Client ID:
Sample Type: LCS
Inject. Date: 26-May-2015 09:33:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027780-006
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 14:59:22 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: sangfaib Date: 26-May-2015 22:55:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.588	1.576	0.012	93	135032	50.0	27.1	
2 N-Nitrosodimethylamine	74	1.817	1.806	0.011	90	263333	50.0	38.6	
3 Pyridine	79	1.853	1.841	0.012	95	446418	50.0	37.1	
$ 4 2-Fluorophenol	112	2.994	2.982	0.012	96	469047	50.0	36.5	
$ 6 Phenol-d5	99	3.917	3.923	-0.006	86	551333	50.0	38.9	
7 Phenol	94	3.929	3.935	-0.006	99	616704	50.0	42.1	
8 Aniline	93	3.947	3.947	0.000	99	646573	50.0	37.3	
9 Bis(2-chloroethyl)ether	93	4.011	4.011	0.000	99	446590	50.0	38.7	
10 2-Chlorophenol	128	4.076	4.076	0.000	97	508638	50.0	38.8	
11 n-Decane	43	4.129	4.129	0.000	90	404657	50.0	31.3	
12 1,3-Dichlorobenzene	146	4.229	4.229	0.000	97	577956	50.0	37.0	
* 13 1,4-Dichlorobenzene-d4	152	4.282	4.282	0.000	94	397661	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.300	4.300	0.000	96	595631	50.0	37.9	
15 Benzyl alcohol	108	4.423	4.423	0.000	95	289738	50.0	39.4	
16 1,2-Dichlorobenzene	146	4.452	4.452	0.000	97	566735	50.0	38.6	
17 2-Methylphenol	108	4.547	4.547	0.000	92	422249	50.0	40.6	
18 2,2'-oxybis[1-chloropropan	45	4.564	4.564	0.000	94	565739	50.0	37.8	
22 Acetophenone	105	4.688	4.694	-0.006	91	639270	50.0	43.3	
21 N-Nitrosodi-n-propylamine	70	4.694	4.694	0.000	87	317807	50.0	43.2	
20 3 & 4 Methylphenol	108	4.699	4.705	-0.006	97	487281	50.0	42.8	
19 4-Methylphenol	108	4.699	4.705	-0.006	93	487281	50.0	42.8	
25 Hexachloroethane	117	4.799	4.799	0.000	92	225175	50.0	38.0	
$ 26 Nitrobenzene-d5	82	4.841	4.841	0.000	86	479228	50.0	38.2	
27 Nitrobenzene	77	4.864	4.864	0.000	95	650561	50.0	38.9	
28 n,n'-Dimethylaniline	120	4.870	4.870	0.000	94	722911	50.0	40.2	
29 Isophorone	82	5.105	5.105	0.000	99	800492	50.0	43.7	
30 2-Nitrophenol	139	5.188	5.188	0.000	95	278689	50.0	42.0	
31 2,4-Dimethylphenol	122	5.241	5.241	0.000	92	411878	50.0	40.3	
32 Bis(2-chloroethoxy)methane	93	5.329	5.329	0.000	99	518251	50.0	40.2	
33 Benzoic acid	122	5.341	5.364	-0.023	88	200447	50.0	38.7	
34 2,4-Dichlorophenol	162	5.435	5.435	0.000	97	417793	50.0	40.6	
35 1,2,4-Trichlorobenzene	180	5.517	5.517	0.000	94	481470	50.0	39.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	5.570	5.570	0.000	99	1424975	40.0	40.0	
37 Naphthalene	128	5.594	5.594	0.000	100	1429794	50.0	39.3	
38 4-Chloroaniline	127	5.646	5.647	0.000	98	466523	50.0	33.2	
39 Hexachlorobutadiene	225	5.729	5.729	0.000	97	293495	50.0	38.4	
41 4-Chloro-3-methylphenol	107	6.146	6.146	0.000	93	356529	50.0	45.6	
42 2-Methylnaphthalene	142	6.288	6.288	0.000	85	969723	50.0	43.0	
43 1-Methylnaphthalene	142	6.388	6.388	0.000	93	837185	50.0	40.2	
44 Hexachlorocyclopentadiene	237	6.458	6.458	0.000	98	352901	50.0	41.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.458	6.464	-0.006	98	486837	50.0	34.1	
46 2-tertbutyl-4-methylphenol	149	6.499	6.499	0.000	93	618752	50.0	42.0	
48 2,4,6-Trichlorophenol	196	6.576	6.576	0.000	93	303391	50.0	37.7	
49 2,4,5-Trichlorophenol	196	6.611	6.611	0.000	99	302489	50.0	35.8	
$ 50 2-Fluorobiphenyl	172	6.658	6.658	0.000	98	1112648	50.0	34.6	
51 1,1'-Biphenyl	154	6.752	6.758	-0.006	95	1145573	50.0	35.4	
52 2-Chloronaphthalene	162	6.770	6.776	-0.006	99	903181	50.0	34.6	
53 Phenyl ether	170	6.858	6.864	-0.006	85	607977	50.0	34.0	
54 2-Nitroaniline	65	6.876	6.876	0.000	94	270998	50.0	38.5	
55 1,3-Dimethylnaphthalene	156	6.993	6.993	0.000	93	718276	50.0	35.1	
58 Dimethyl phthalate	163	7.058	7.064	-0.006	99	936567	50.0	41.4	
59 Coumarin	146	7.076	7.082	-0.006	81	321610	50.0	52.8	
60 2,6-Dinitrotoluene	165	7.117	7.117	0.000	94	223418	50.0	45.6	
61 Acenaphthylene	152	7.182	7.188	-0.006	98	1406612	50.0	39.3	
62 3-Nitroaniline	138	7.282	7.282	0.000	97	200734	50.0	36.7	
* 63 Acenaphthene-d10	164	7.323	7.323	0.000	93	766104	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.352	7.352	0.000	96	808562	50.0	35.3	
65 Acenaphthene	154	7.358	7.358	0.000	94	844488	50.0	35.8	
66 2,4-Dinitrophenol	184	7.382	7.388	-0.006	94	270109	100.0	89.0	
67 4-Nitrophenol	65	7.458	7.464	-0.006	90	290655	100.0	92.7	
68 2,4-Dinitrotoluene	165	7.511	7.517	-0.006	97	282212	50.0	50.3	
69 Dibenzofuran	168	7.529	7.529	0.000	96	1257243	50.0	38.7	
70 2,3,4,6-Tetrachlorophenol	232	7.652	7.658	-0.006	97	259235	50.0	42.5	
71 Diethyl phthalate	149	7.758	7.764	-0.006	98	899349	50.0	43.6	
73 4-Chlorophenyl phenyl ethe	204	7.864	7.864	0.000	78	499771	50.0	39.5	
74 Fluorene	166	7.864	7.870	-0.006	95	1014947	50.0	42.4	
75 4-Nitroaniline	138	7.888	7.888	0.000	87	227994	50.0	45.1	
76 4,6-Dinitro-2-methylphenol	198	7.917	7.923	-0.006	92	349340	100.0	88.1	
78 1,2-Diphenylhydrazine	77	8.023	8.023	0.000	96	845574	50.0	34.7	
$ 79 2,4,6-Tribromophenol	330	8.105	8.105	0.000	90	225637	50.0	43.0	
80 4-Bromophenyl phenyl ether	248	8.346	8.346	0.000	96	309010	50.0	39.4	
81 Hexachlorobenzene	284	8.417	8.417	0.000	95	379141	50.0	41.9	
83 Pentachlorophenol	266	8.611	8.611	0.000	95	399170	100.0	73.3	
84 Pentachloronitrobenzene	237	8.623	8.623	0.000	91	121946	50.0	42.5	
72 n-Octadecane	57	8.693	8.693	0.000	94	476594	50.0	34.5	
* 85 Phenanthrene-d10	188	8.787	8.787	0.000	98	1170872	40.0	40.0	
86 Phenanthrene	178	8.811	8.811	0.000	97	1325012	50.0	41.8	
87 Anthracene	178	8.858	8.858	0.000	99	1334703	50.0	41.9	
88 Carbazole	167	9.017	9.017	0.000	96	1145565	50.0	43.2	
89 Di-n-butyl phthalate	149	9.364	9.364	0.000	99	1331581	50.0	39.5	
90 Fluoranthene	202	9.976	9.976	0.000	98	1282056	50.0	42.2	
91 Benzidine	184	10.105	10.105	0.000	99	520354	50.0	25.8	
92 Pyrene	202	10.199	10.199	0.000	97	1324191	50.0	46.1	
93 Bisphenol-A	213	10.246	10.252	-0.006	99	239298	25.0	19.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 94 Terphenyl-d14	244	10.358	10.358	0.000	99	1012121	50.0	42.8	
95 Butyl benzyl phthalate	149	10.881	10.881	0.000	95	509191	50.0	42.8	
97 Carbamazepine	193	10.999	11.005	-0.006	92	473541	50.0	32.0	
98 3,3'-Dichlorobenzidine	252	11.499	11.499	0.000	98	326301	50.0	27.3	
99 Benzo[a]anthracene	228	11.528	11.528	0.000	98	1145058	50.0	39.9	
* 100 Chrysene-d12	240	11.540	11.534	0.006	99	1036960	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.570	11.576	-0.006	85	704047	50.0	35.2	
101 Chrysene	228	11.570	11.576	-0.006	99	1105890	50.0	38.6	
103 Di-n-octyl phthalate	149	12.423	12.423	0.000	96	1104862	50.0	34.9	
104 Benzo[b]fluoranthene	252	12.928	12.928	0.000	99	1241754	50.0	44.9	
105 Benzo[k]fluoranthene	252	12.964	12.964	0.000	99	1357266	50.0	42.2	
106 Benzo[a]pyrene	252	13.370	13.370	0.000	97	1296058	50.0	44.2	
* 107 Perylene-d12	264	13.446	13.446	0.000	99	1217930	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.887	14.893	-0.006	99	1678239	50.0	40.0	
109 Dibenz(a,h)anthracene	278	14.916	14.922	-0.006	98	1694086	50.0	44.3	
110 Benzo[g,h,i]perylene	276	15.240	15.246	-0.006	98	1738774	50.0	40.1	

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

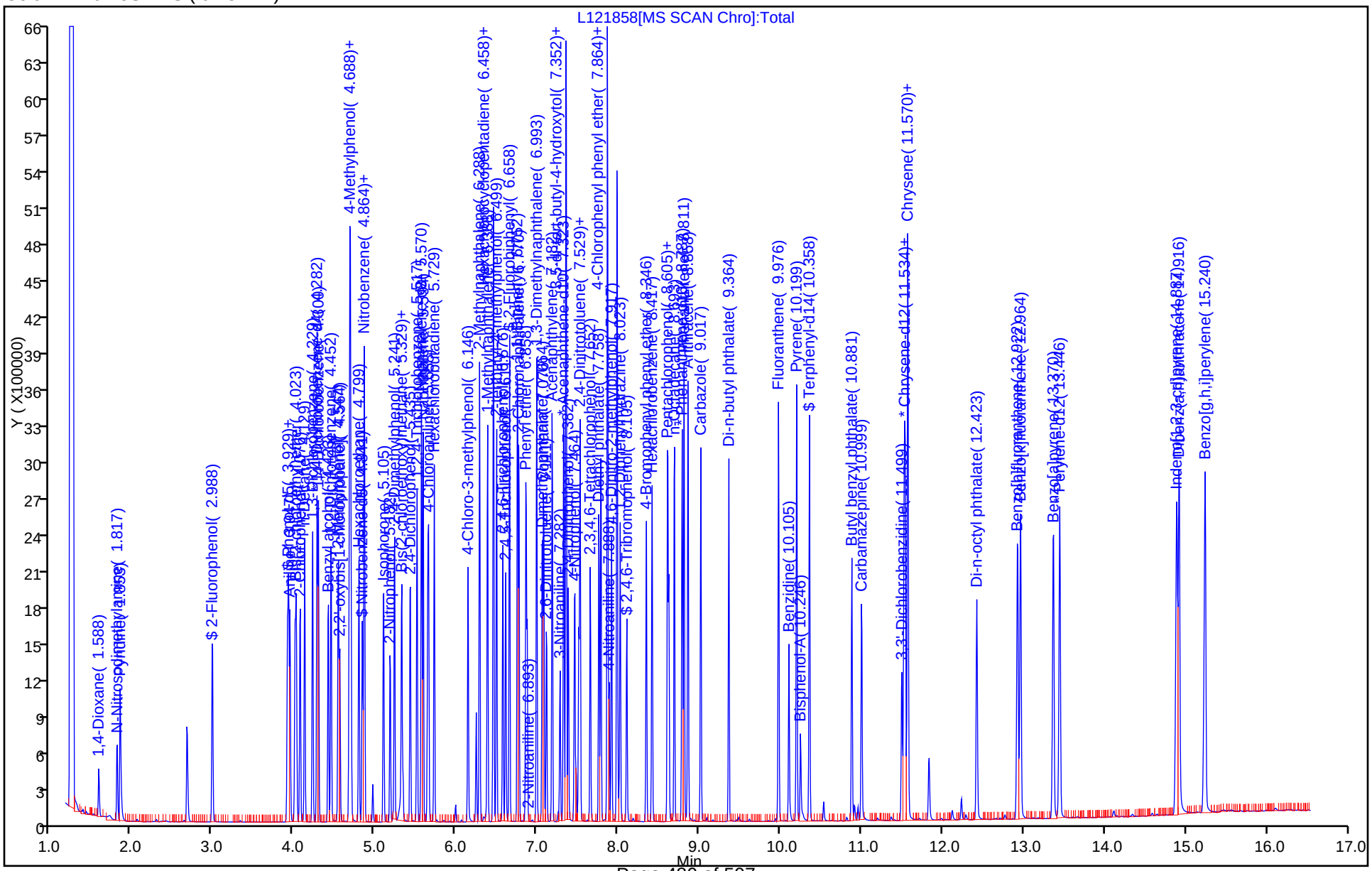
Report Date: 26-May-2015 14:59:39 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150526-27780.b\L121858.D

Injection Date:	26-May-2015 09:33:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-300363/2-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95030-E-1-A MS

Matrix: Solid | Lab File ID: L121833.D

Analysis Method: 8270D | Date Collected: 05/18/2015 10:25

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9856(g) | Date Analyzed: 05/24/2015 13:27

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2790		440	11
208-96-8	Acenaphthylene	3010		440	11
120-12-7	Anthracene	3230		440	42
56-55-3	Benzo[a]anthracene	3240		44	37
50-32-8	Benzo[a]pyrene	3440		44	13
205-99-2	Benzo[b]fluoranthene	3530		44	17
191-24-2	Benzo[g,h,i]perylene	3460		440	26
207-08-9	Benzo[k]fluoranthene	3130		44	19
218-01-9	Chrysene	3130		440	12
53-70-3	Dibenz(a,h)anthracene	3650		44	23
206-44-0	Fluoranthene	3240		440	13
86-73-7	Fluorene	3150		440	9.7
193-39-5	Indeno[1,2,3-cd]pyrene	3410		44	30
91-20-3	Naphthalene	3280		440	11
85-01-8	Phenanthrene	3320		440	12
129-00-0	Pyrene	3680		440	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	66		10-120
321-60-8	2-Fluorobiphenyl	60		40-109
367-12-4	2-Fluorophenol (Surr)	60		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	65		38-105
4165-62-2	Phenol-d5 (Surr)	61		41-118
1718-51-0	Terphenyl-d14 (Surr)	74		16-151

Report Date: 26-May-2015 11:42:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121833.D
Lims ID: 460-95030-E-1-A MS
Client ID:
Sample Type: MS
Inject. Date: 24-May-2015 13:27:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-012
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: bayoumiw Date: 25-May-2015 13:16:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.617	1.599	0.018	91	103438	50.0	21.8	
2 N-Nitrosodimethylamine	74	1.841	1.829	0.012	86	207426	50.0	31.9	
3 Pyridine	79	1.882	1.864	0.018	95	166625	50.0	14.5	
$ 4 2-Fluorophenol	112	3.017	3.011	0.006	96	364727	50.0	29.8	
5 Benzaldehyde	77	3.858	3.858	0.000	95	541152	100.0	55.1	
$ 6 Phenol-d5	99	3.941	3.941	0.000	89	414158	50.0	30.7	
7 Phenol	94	3.952	3.958	-0.006	99	446071	50.0	31.9	
8 Aniline	93	3.970	3.970	0.000	98	385640	50.0	23.3	
9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	98	333771	50.0	30.3	
10 2-Chlorophenol	128	4.099	4.099	0.000	97	377180	50.0	30.2	
11 n-Decane	43	4.152	4.152	0.000	90	324083	50.0	26.3	
12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	97	439227	50.0	29.5	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	379231	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	96	450906	50.0	30.1	
15 Benzyl alcohol	108	4.441	4.446	-0.005	94	218822	50.0	31.2	
16 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	97	425864	50.0	30.5	
17 2-Methylphenol	108	4.564	4.564	0.000	92	313769	50.0	31.6	
18 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	429263	50.0	30.1	
22 Acetophenone	105	4.711	4.717	-0.006	92	481460	50.0	34.2	
21 N-Nitrosodi-n-propylamine	70	4.711	4.717	-0.006	90	235579	50.0	33.6	
20 3 & 4 Methylphenol	108	4.723	4.723	0.000	97	350751	50.0	32.3	
19 4-Methylphenol	108	4.723	4.723	0.000	93	350751	50.0	32.3	
25 Hexachloroethane	117	4.823	4.823	0.000	90	165677	50.0	29.3	
$ 26 Nitrobenzene-d5	82	4.864	4.864	0.000	87	359199	50.0	32.4	
27 Nitrobenzene	77	4.882	4.888	-0.006	97	489307	50.0	33.0	
28 n,n'-Dimethylaniline	120	4.888	4.893	-0.005	94	519955	50.0	30.3	
24 2-Toluidine	107	4.911	4.928	-0.017	1	298		NC	
29 Isophorone	82	5.123	5.129	-0.006	99	576949	50.0	35.6	
30 2-Nitrophenol	139	5.205	5.211	-0.006	94	192813	50.0	32.8	
31 2,4-Dimethylphenol	122	5.258	5.258	0.000	91	299089	50.0	33.1	
32 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	99	370032	50.0	32.5	
33 Benzoic acid	122	5.317	5.376	-0.059	89	21593	50.0	7.68	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.452	5.458	-0.006	96	298190	50.0	32.8	
35 1,2,4-Trichlorobenzene	180	5.541	5.540	0.001	94	342857	50.0	31.6	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1260861	40.0	40.0	
37 Naphthalene	128	5.611	5.617	-0.006	100	1176563	50.0	36.5	
38 4-Chloroaniline	127	5.670	5.670	0.000	98	306018	50.0	24.6	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	97	210535	50.0	31.2	
40 Caprolactam	113	6.011	5.999	0.012	93	132789	100.0	67.3	
41 4-Chloro-3-methylphenol	107	6.170	6.164	0.006	94	235910	50.0	34.1	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	85	867711	50.0	43.5	
43 1-Methylnaphthalene	142	6.405	6.411	-0.006	93	676680	50.0	36.8	
47 Benzidine_T	184	6.482	6.457	0.025	51	1602		NC	
44 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	97	215381	50.0	32.4	
45 1,2,4,5-Tetrachlorobenzene	216	6.482	6.487	-0.005	98	333724	50.0	30.0	
46 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	92	415553	50.0	31.9	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	93	196589	50.0	31.4	
49 2,4,5-Trichlorophenol	196	6.635	6.634	0.001	99	198591	50.0	30.2	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	753125	50.0	30.0	
51 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	793211	50.0	31.4	
52 2-Chloronaphthalene	162	6.793	6.799	-0.006	99	618701	50.0	30.4	
53 Phenyl ether	170	6.882	6.882	0.000	86	421801	50.0	30.2	
54 2-Nitroaniline	65	6.893	6.899	-0.006	97	185344	50.0	33.8	
55 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	527089	50.0	33.1	
58 Dimethyl phthalate	163	7.082	7.087	-0.005	99	602019	50.0	34.2	
59 Coumarin	146	7.099	7.099	0.000	80	201601	50.0	37.4	
60 2,6-Dinitrotoluene	165	7.135	7.140	-0.005	96	141075	50.0	37.0	
61 Acenaphthylene	152	7.205	7.205	0.000	98	934884	50.0	33.5	
56 1-Naphthylamine	143	7.205	7.228	-0.023	45	353		NC	
57 2-Naphthylamine	143	7.205	7.228	-0.023	44	353		NC	
62 3-Nitroaniline	138	7.299	7.305	-0.006	97	122967	50.0	28.8	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	93	596661	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.376	7.376	0.000	96	522323	50.0	29.3	
65 Acenaphthene	154	7.376	7.381	-0.005	95	571719	50.0	31.1	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	95	112138	100.0	51.8	
67 4-Nitrophenol	65	7.476	7.481	-0.005	91	169648	100.0	69.5	
68 2,4-Dinitrotoluene	165	7.535	7.534	0.001	97	170883	50.0	39.1	
69 Dibenzofuran	168	7.546	7.552	-0.006	96	823056	50.0	32.5	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	97	158297	50.0	33.3	
71 Diethyl phthalate	149	7.776	7.781	-0.005	99	549013	50.0	34.2	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	78	315687	50.0	32.0	
74 Fluorene	166	7.887	7.887	0.000	95	653128	50.0	35.1	
75 4-Nitroaniline	138	7.905	7.911	-0.006	87	134170	50.0	34.1	
76 4,6-Dinitro-2-methylphenol	198	7.935	7.940	-0.005	90	174324	100.0	65.5	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	67	863307		68.8	
78 1,2-Diphenylhydrazine	77	8.040	8.046	-0.006	97	562529	50.0	32.6	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	135072	50.0	33.1	
80 4-Bromophenyl phenyl ether	248	8.364	8.370	-0.006	96	191124	50.0	34.5	
81 Hexachlorobenzene	284	8.434	8.440	-0.006	95	228721	50.0	35.7	
82 Atrazine	200	8.534	8.534	0.000	95	305270	100.0	90.7	
83 Pentachlorophenol	266	8.629	8.634	-0.005	95	231201	100.0	60.5	
84 Pentachloronitrobenzene	237	8.640	8.646	-0.006	91	71760	50.0	35.3	
72 n-Octadecane	57	8.711	8.711	0.000	94	315240	50.0	32.3	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	827663	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Phenanthrene	178	8.829	8.834	-0.005	97	828740	50.0	37.0	
87 Anthracene	178	8.882	8.881	0.001	98	810070	50.0	35.9	
88 Carbazole	167	9.034	9.040	-0.006	96	686164	50.0	36.6	
89 Di-n-butyl phthalate	149	9.381	9.387	-0.006	99	780127	50.0	33.2	
90 Fluoranthene	202	9.999	9.999	0.000	98	775165	50.0	36.1	
91 Benzidine	184	10.128	10.128	0.000	98	13344	50.0	5.70	
92 Pyrene	202	10.223	10.222	0.001	97	791885	50.0	41.0	
93 Bisphenol-A	213	10.270	10.270	0.000	99	122834	25.0	14.9	
$ 94 Terphenyl-d14	244	10.376	10.381	-0.005	99	587731	50.0	36.9	
95 Butyl benzyl phthalate	149	10.899	10.905	-0.006	97	294575	50.0	36.8	
97 Carbamazepine	193	11.023	11.034	-0.011	91	233553	50.0	23.4	
98 3,3'-Dichlorobenzidine	252	11.523	11.528	-0.005	98	246409	50.0	30.7	
99 Benzo[a]anthracene	228	11.552	11.558	-0.006	98	697925	50.0	36.1	
* 100 Chrysene-d12	240	11.564	11.569	-0.005	99	697866	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.593	11.599	-0.006	77	451305	50.0	33.6	
101 Chrysene	228	11.593	11.605	-0.012	98	673177	50.0	34.9	
103 Di-n-octyl phthalate	149	12.446	12.452	-0.006	96	740187	50.0	29.0	
104 Benzo[b]fluoranthene	252	12.952	12.963	-0.011	99	875272	50.0	39.3	
105 Benzo[k]fluoranthene	252	12.987	12.999	-0.012	99	903035	50.0	34.9	
106 Benzo[a]pyrene	252	13.393	13.405	-0.012	97	905737	50.0	38.3	
* 107 Perylene-d12	264	13.475	13.481	-0.006	99	982049	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.916	14.928	-0.012	99	1284032	50.0	37.9	
109 Dibenz(a,h)anthracene	278	14.952	14.957	-0.005	98	1255280	50.0	40.7	
110 Benzo[g,h,i]perylene	276	15.269	15.281	-0.012	98	1348801	50.0	38.5	
S 117 Total Cresols	1				0			63.9	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

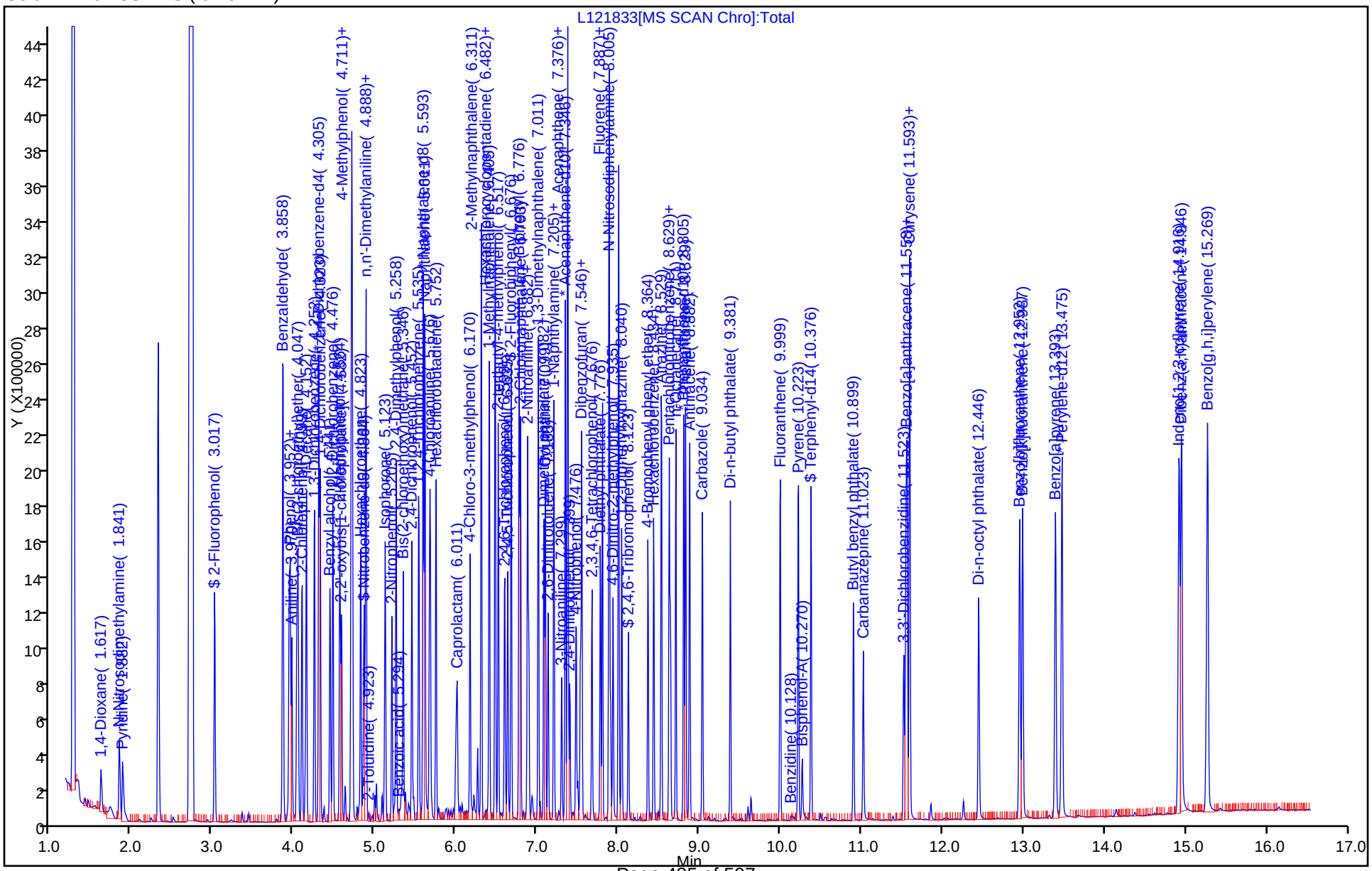
Report Date: 26-May-2015 11:42:51 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121833.D

Injection Date:	24-May-2015 13:27:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-95030-E-1-A MS			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-95247-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-95030-E-1-B MSD

Matrix: Solid | Lab File ID: L121834.D

Analysis Method: 8270D | Date Collected: 05/18/2015 10:25

Extract. Method: 3546 | Date Extracted: 05/22/2015 10:10

Sample wt/vol: 14.9932(g) | Date Analyzed: 05/24/2015 13:52

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

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 25.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 300661 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	2750		440	11
208-96-8	Acenaphthylene	2970		440	11
120-12-7	Anthracene	3230		440	42
56-55-3	Benzo[a]anthracene	3210		44	37
50-32-8	Benzo[a]pyrene	3420		44	13
205-99-2	Benzo[b]fluoranthene	3490		44	17
191-24-2	Benzo[g,h,i]perylene	3250		440	26
207-08-9	Benzo[k]fluoranthene	3180		44	19
218-01-9	Chrysene	3120		440	12
53-70-3	Dibenz(a,h)anthracene	3500		44	23
206-44-0	Fluoranthene	3300		440	13
86-73-7	Fluorene	3120		440	9.7
193-39-5	Indeno[1,2,3-cd]pyrene	3250		44	30
91-20-3	Naphthalene	3240		440	11
85-01-8	Phenanthrene	3270		440	12
129-00-0	Pyrene	3450		440	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	66		10-120
321-60-8	2-Fluorobiphenyl	59		40-109
367-12-4	2-Fluorophenol (Surr)	59		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	64		38-105
4165-62-2	Phenol-d5 (Surr)	60		41-118
1718-51-0	Terphenyl-d14 (Surr)	69		16-151

Report Date: 26-May-2015 11:42:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121834.D
Lims ID: 460-95030-E-1-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 24-May-2015 13:52:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0027768-013
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 26-May-2015 11:42:29 Calib Date: 19-May-2015 11:05:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150519-27531.b\L121586.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: bayoumiw Date: 25-May-2015 13:16:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.617	1.599	0.018	92	97329	50.0	21.2	
2 N-Nitrosodimethylamine	74	1.841	1.829	0.012	87	196634	50.0	31.3	
3 Pyridine	79	1.882	1.864	0.018	93	156573	50.0	14.1	
$ 4 2-Fluorophenol	112	3.017	3.011	0.006	96	346857	50.0	29.3	
5 Benzaldehyde	77	3.858	3.858	0.000	96	513815	100.0	54.1	
$ 6 Phenol-d5	99	3.941	3.941	0.000	90	392444	50.0	30.1	
7 Phenol	94	3.952	3.958	-0.006	98	417053	50.0	30.9	
8 Aniline	93	3.970	3.970	0.000	98	363604	50.0	22.8	
9 Bis(2-chloroethyl)ether	93	4.035	4.035	0.000	99	320244	50.0	30.1	
10 2-Chlorophenol	128	4.099	4.099	0.000	97	360102	50.0	29.8	
11 n-Decane	43	4.152	4.152	0.000	89	305375	50.0	25.6	
12 1,3-Dichlorobenzene	146	4.252	4.252	0.000	97	415504	50.0	28.8	
* 13 1,4-Dichlorobenzene-d4	152	4.305	4.305	0.000	96	366481	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.323	4.323	0.000	96	427062	50.0	29.5	
15 Benzyl alcohol	108	4.441	4.446	-0.005	94	212185	50.0	31.3	
16 1,2-Dichlorobenzene	146	4.476	4.482	-0.006	97	405645	50.0	30.0	
17 2-Methylphenol	108	4.564	4.564	0.000	92	301445	50.0	31.4	
18 2,2'-oxybis[1-chloropropan	45	4.582	4.588	-0.006	93	408816	50.0	29.6	
22 Acetophenone	105	4.711	4.717	-0.006	92	462680	50.0	34.0	
21 N-Nitrosodi-n-propylamine	70	4.711	4.717	-0.006	86	224790	50.0	33.2	
20 3 & 4 Methylphenol	108	4.717	4.723	-0.006	94	342104	50.0	32.6	
19 4-Methylphenol	108	4.717	4.723	-0.006	92	342104	50.0	32.6	
25 Hexachloroethane	117	4.823	4.823	0.000	91	165094	50.0	30.2	
$ 26 Nitrobenzene-d5	82	4.864	4.864	0.000	86	343350	50.0	32.2	
27 Nitrobenzene	77	4.882	4.888	-0.006	97	464234	50.0	32.6	
28 n,n'-Dimethylaniline	120	4.888	4.893	-0.005	96	494824	50.0	29.8	
24 2-Toluidine	107	4.958	4.928	0.030	45	271		NC	
29 Isophorone	82	5.123	5.129	-0.006	99	555118	50.0	35.7	
30 2-Nitrophenol	139	5.205	5.211	-0.006	94	182993	50.0	32.5	
31 2,4-Dimethylphenol	122	5.258	5.258	0.000	92	286512	50.0	33.0	
32 Bis(2-chloroethoxy)methane	93	5.346	5.352	-0.006	99	354881	50.0	32.4	
33 Benzoic acid	122	5.317	5.376	-0.059	90	22279	50.0	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.452	5.458	-0.006	96	283647	50.0	32.5	
35 1,2,4-Trichlorobenzene	180	5.535	5.540	-0.005	94	330464	50.0	31.7	
* 36 Naphthalene-d8	136	5.593	5.593	0.000	99	1210286	40.0	40.0	
37 Naphthalene	128	5.611	5.617	-0.006	100	1117683	50.0	36.2	
38 4-Chloroaniline	127	5.670	5.670	0.000	98	292108	50.0	24.5	
39 Hexachlorobutadiene	225	5.752	5.752	0.000	97	200111	50.0	30.9	
40 Caprolactam	113	6.005	5.999	0.006	92	128226	100.0	67.7	
41 4-Chloro-3-methylphenol	107	6.170	6.164	0.006	94	232930	50.0	35.1	
42 2-Methylnaphthalene	142	6.311	6.311	0.000	86	838206	50.0	43.8	
43 1-Methylnaphthalene	142	6.405	6.411	-0.006	94	650001	50.0	36.8	
47 Benzidine_T	184	6.482	6.457	0.025	51	1477		NC	
44 Hexachlorocyclopentadiene	237	6.476	6.482	-0.006	98	202261	50.0	30.9	
45 1,2,4,5-Tetrachlorobenzene	216	6.482	6.487	-0.005	98	321615	50.0	29.3	
46 2-tertbutyl-4-methylphenol	149	6.517	6.523	-0.006	92	402961	50.0	32.2	
48 2,4,6-Trichlorophenol	196	6.599	6.599	0.000	92	189917	50.0	30.8	
49 2,4,5-Trichlorophenol	196	6.635	6.634	0.001	99	191956	50.0	29.6	
$ 50 2-Fluorobiphenyl	172	6.676	6.682	-0.006	98	726311	50.0	29.4	
51 1,1'-Biphenyl	154	6.776	6.782	-0.006	95	767513	50.0	30.9	
52 2-Chloronaphthalene	162	6.793	6.799	-0.006	98	598142	50.0	29.9	
53 Phenyl ether	170	6.882	6.882	0.000	86	401172	50.0	29.2	
54 2-Nitroaniline	65	6.893	6.899	-0.006	97	182247	50.0	33.8	
55 1,3-Dimethylnaphthalene	156	7.011	7.017	-0.006	93	510657	50.0	32.5	
58 Dimethyl phthalate	163	7.082	7.087	-0.005	99	584989	50.0	33.7	
59 Coumarin	146	7.099	7.099	0.000	79	196729	50.0	38.0	
60 2,6-Dinitrotoluene	165	7.135	7.140	-0.006	96	135937	50.0	36.2	
61 Acenaphthylene	152	7.205	7.205	0.000	98	909248	50.0	33.1	
56 1-Naphthylamine	143	7.211	7.228	-0.017	46	160		NC	
57 2-Naphthylamine	143	7.211	7.228	-0.017	45	160		NC	
62 3-Nitroaniline	138	7.299	7.305	-0.006	97	118813	50.0	28.3	
* 63 Acenaphthene-d10	164	7.346	7.346	0.000	92	587746	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.370	7.376	-0.006	97	507630	50.0	28.9	
65 Acenaphthene	154	7.376	7.381	-0.005	95	555820	50.0	30.7	
66 2,4-Dinitrophenol	184	7.405	7.405	0.000	94	113491	100.0	53.0	
67 4-Nitrophenol	65	7.476	7.481	-0.005	91	167723	100.0	69.8	
68 2,4-Dinitrotoluene	165	7.534	7.534	0.000	97	168789	50.0	39.2	
69 Dibenzofuran	168	7.546	7.552	-0.006	96	800376	50.0	32.1	
70 2,3,4,6-Tetrachlorophenol	232	7.676	7.676	0.000	96	154716	50.0	33.0	
71 Diethyl phthalate	149	7.776	7.781	-0.005	98	545874	50.0	34.5	
73 4-Chlorophenyl phenyl ethe	204	7.887	7.887	0.000	77	309208	50.0	31.9	
74 Fluorene	166	7.887	7.887	0.000	94	637319	50.0	34.7	
75 4-Nitroaniline	138	7.905	7.911	-0.006	87	132098	50.0	34.1	
76 4,6-Dinitro-2-methylphenol	198	7.934	7.940	-0.006	91	177379	100.0	66.7	
77 N-Nitrosodiphenylamine	169	8.005	8.005	0.000	67	854969		68.4	
78 1,2-Diphenylhydrazine	77	8.040	8.046	-0.006	97	554229	50.0	32.3	
$ 79 2,4,6-Tribromophenol	330	8.123	8.128	-0.005	92	132994	50.0	33.1	
80 4-Bromophenyl phenyl ether	248	8.364	8.370	-0.006	95	187776	50.0	34.0	
81 Hexachlorobenzene	284	8.434	8.440	-0.006	95	227250	50.0	35.7	
82 Atrazine	200	8.534	8.534	0.000	95	307071	100.0	91.6	
83 Pentachlorophenol	266	8.629	8.634	-0.005	95	229949	100.0	60.4	
84 Pentachloronitrobenzene	237	8.640	8.646	-0.006	91	70287	50.0	34.8	
72 n-Octadecane	57	8.711	8.711	0.000	94	310077	50.0	31.9	
* 85 Phenanthrene-d10	188	8.805	8.811	-0.006	98	824556	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
86 Phenanthrene	178	8.829	8.834	-0.005	97	811852	50.0	36.4	
87 Anthracene	178	8.881	8.881	0.000	99	809228	50.0	36.0	
88 Carbazole	167	9.034	9.040	-0.006	96	683071	50.0	36.6	
89 Di-n-butyl phthalate	149	9.381	9.387	-0.006	100	779083	50.0	33.2	
90 Fluoranthene	202	9.999	9.999	0.000	98	786474	50.0	36.7	
91 Benzidine	184	10.128	10.128	0.000	99	17775	50.0	5.96	
92 Pyrene	202	10.223	10.222	0.001	97	806852	50.0	38.5	
93 Bisphenol-A	213	10.270	10.270	0.000	99	125261	25.0	14.0	
$ 94 Terphenyl-d14	244	10.375	10.381	-0.006	99	596524	50.0	34.5	
95 Butyl benzyl phthalate	149	10.905	10.905	0.000	97	310365	50.0	35.7	
97 Carbamazepine	193	11.022	11.034	-0.012	91	263007	50.0	24.3	
98 3,3'-Dichlorobenzidine	252	11.522	11.528	-0.006	98	268294	50.0	30.8	
99 Benzo[a]anthracene	228	11.552	11.558	-0.006	99	750776	50.0	35.8	
* 100 Chrysene-d12	240	11.564	11.569	-0.005	99	757763	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.593	11.599	-0.006	77	484373	50.0	33.2	
101 Chrysene	228	11.593	11.605	-0.012	98	727452	50.0	34.7	
103 Di-n-octyl phthalate	149	12.446	12.452	-0.006	96	821041	50.0	29.3	
104 Benzo[b]fluoranthene	252	12.952	12.963	-0.011	99	950564	50.0	38.9	
105 Benzo[k]fluoranthene	252	12.987	12.999	-0.012	99	1007027	50.0	35.4	
106 Benzo[a]pyrene	252	13.393	13.405	-0.012	97	988646	50.0	38.2	
* 107 Perylene-d12	264	13.475	13.481	-0.006	99	1077282	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.916	14.928	-0.012	98	1344958	50.0	36.2	
109 Dibenz(a,h)anthracene	278	14.952	14.957	-0.005	98	1321349	50.0	39.1	
110 Benzo[g,h,i]perylene	276	15.269	15.281	-0.012	98	1391368	50.0	36.2	
S 117 Total Cresols	1				0			64.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_00075 Amount Added: 20.00 Units: uL Run Reagent

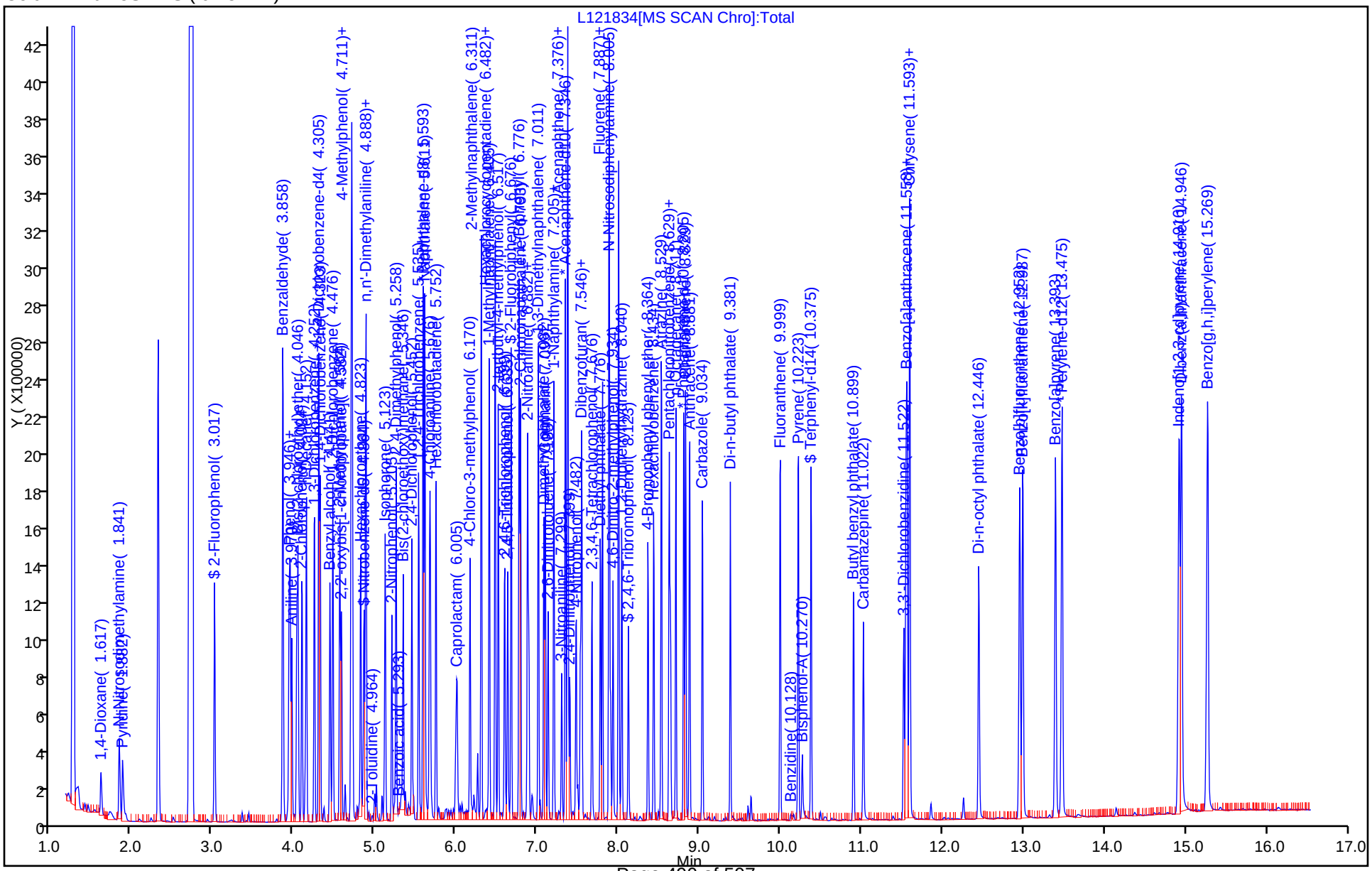
Report Date: 26-May-2015 11:42:57 Chrom Revision: 2.2 14-May-2015 11:41:56

TestAmerica Edison

Data File: \\ChromNA\G2\Edison\ChromData\CBNAMS12\20150524-27768.b\L121834.D

Injection Date:	24-May-2015 13:52:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-95030-E-1-B MSD			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 05/26/2015 12:29

Analysis Batch Number: 300883 End Date: 05/27/2015 03:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300883/1		05/26/2015 12:29	1	z1430.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-300883/2		05/26/2015 12:46	1	z1431.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-300883/3 IC		05/26/2015 13:35	1	z1432.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-300883/4 IC		05/26/2015 13:59	1	z1433.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-300883/5 IC		05/26/2015 14:22	1	z1434.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-300883/6 IC		05/26/2015 14:47	1	z1435.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-300883/7 IC		05/26/2015 15:11	1	z1436.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-300883/8 IC		05/26/2015 15:35	1	z1437.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-300883/9 IC		05/26/2015 15:59	1	z1438.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-300883/10 IC		05/26/2015 16:23	1	z1439.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-300883/11 IC		05/26/2015 16:47	1		Rtxi-5Sil MS 0.25(mm)
STD120 460-300883/12 IC		05/26/2015 17:11	1		Rtxi-5Sil MS 0.25(mm)
STD80 460-300883/13 IC		05/26/2015 17:35	1		Rtxi-5Sil MS 0.25(mm)
STD20 460-300883/14 IC		05/26/2015 17:59	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-300883/15 IC		05/26/2015 18:23	1		Rtxi-5Sil MS 0.25(mm)
STD5 460-300883/16 IC		05/26/2015 18:47	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-300883/17 IC		05/26/2015 19:10	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-300883/18		05/26/2015 19:34	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-300883/20		05/27/2015 03:55	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 05/27/2015 20:02

Analysis Batch Number: 301230 End Date: 05/28/2015 05:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-301230/1		05/27/2015 20:02	1	z1481.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-301230/2		05/27/2015 20:18	1	z1482.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-301230/3		05/27/2015 20:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 21:53	1		Rtxi-5Sil MS 0.25(mm)
460-95247-1	SB-2 (14-15)	05/27/2015 22:17	1	z1487.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:29	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/27/2015 23:52	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 00:40	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:04	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 01:52	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 02:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 03:52	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 04:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 04:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 05:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/28/2015 05:27	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/19/2015 04:12

Analysis Batch Number: 299376 End Date: 05/19/2015 11:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-299376/1		05/19/2015 04:12	1	L121570.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-299376/2		05/19/2015 04:30	1	L121571.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-299376/3 IC		05/19/2015 05:17	1	L121572.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-299376/4 IC		05/19/2015 05:42	1	L121573.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-299376/5 IC		05/19/2015 06:07	1	L121574.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-299376/6 IC		05/19/2015 06:32	1	L121575.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-299376/7 IC		05/19/2015 06:57	1	L121576.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-299376/8 IC		05/19/2015 07:21	1	L121577.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-299376/9 IC		05/19/2015 07:46	1	L121578.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-299376/10 IC		05/19/2015 08:11	1	L121579.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-299376/11 IC		05/19/2015 08:36	1		Rtxi-5Sil MS 0.25(mm)
STD120 460-299376/12 IC		05/19/2015 09:01	1		Rtxi-5Sil MS 0.25(mm)
STD80 460-299376/13 IC		05/19/2015 09:25	1		Rtxi-5Sil MS 0.25(mm)
STD20 460-299376/14 IC		05/19/2015 09:50	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-299376/15 IC		05/19/2015 10:15	1		Rtxi-5Sil MS 0.25(mm)
STD5 460-299376/16 IC		05/19/2015 10:40	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-299376/17 IC		05/19/2015 11:05	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-299376/18		05/19/2015 11:30	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-299376/19		05/19/2015 11:55	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/24/2015 08:57

Analysis Batch Number: 300661 End Date: 05/24/2015 20:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300661/1		05/24/2015 08:57	1	L121822.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300661/2		05/24/2015 09:15	1	L121823.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300661/3		05/24/2015 09:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 10:57	1		Rtxi-5Sil MS 0.25(mm)
MB 460-300363/1-A		05/24/2015 11:47	1	L121829.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 12:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 13:02	1		Rtxi-5Sil MS 0.25(mm)
460-95030-E-1-A MS		05/24/2015 13:27	1	L121833.D	Rtxi-5Sil MS 0.25(mm)
460-95030-E-1-B MSD		05/24/2015 13:52	1	L121834.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 14:16	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 14:41	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 15:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 16:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 16:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 18:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 19:40	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 20:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/24/2015 20:30	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/26/2015 07:08

Analysis Batch Number: 300737 End Date: 05/26/2015 19:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-300737/1		05/26/2015 07:08	1	L121853.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-300737/2		05/26/2015 07:53	1	L121854.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-300737/3		05/26/2015 08:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 08:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 09:08	1		Rtxi-5Sil MS 0.25(mm)
LCS 460-300363/2-A		05/26/2015 09:33	1	L121858.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 09:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 10:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 11:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 12:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 13:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 13:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:05	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 14:55	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 15:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 16:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 18:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/26/2015 19:04	2		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 05/29/2015 02:32

Analysis Batch Number: 301565 End Date: 05/29/2015 10:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-301565/1		05/29/2015 02:32	1	L121951.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-301565/2		05/29/2015 03:24	1	L121952.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-301565/3		05/29/2015 03:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 05:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 07:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 07:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 08:08	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 08:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 08:58	1		Rtxi-5Sil MS 0.25(mm)
460-95247-2	SB-7 (6-8)	05/29/2015 09:22	1	L121966.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 09:47	20		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 10:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/29/2015 10:36	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Batch Number: 300363 Batch Start Date: 05/22/15 10:09 Batch Analyst: Rana, Kalpesh V

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00002	OP_BNA SPIK 00016	OP_BNASurroga 00007	
MB 460-300363/1		3546, 8270D		15.0263 g	1 mL			500 uL	
LCS 460-300363/2		3546, 8270D		15.0214 g	1 mL		500 uL	500 uL	
460-95030-E-1 MS		3546, 8270D	T	14.9856 g	1 mL	50 uL	500 uL	500 uL	
460-95030-E-1 MSD		3546, 8270D	T	14.9932 g	1 mL	50 uL	500 uL	500 uL	
460-95247-E-1	SB-2 (14-15)	3546, 8270D	T	15.0002 g	1 mL			500 uL	
460-95247-E-2	SB-7 (6-8)	3546, 8270D	T	14.9754 g	1 mL			500 uL	

Batch Notes	
Balance ID	28
Batch Comment	BNA SOIL 8270D
Person's name who did the concentration	KR
Final Concentrator Volume	1 mL
MeCl2/Acetone Lot #	86827
Microwave Start Time	1500
Microwave Stop Time	1530
Na2SO4 Lot Number	422301
Person's name who did the prep	KR
Person who performed Spike	KR
Water Bath ID	222299
Water Bath Temperature	38C (38C UNCORRECTED)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95247-1

SDG No.:

Project: Parkchester Crossing

Client Sample ID	Lab Sample ID
SB-2 (14-15)	460-95247-1
SB-7 (6-8)	460-95247-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95247-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-95247-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/22/2015 14:21 End Date: 05/22/2015 14:21

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
460-95247-1	1	T	14:21	X	X																		
460-95247-2	1	T	14:21	X	X																		
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
ZZZZZZ			14:21																				
460-95258-A-6 DU	1	T	14:21	X	X																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-95247-1

SDG No.:

Batch Number: 300425 Batch Start Date: 05/22/15 14:21 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date: 05/23/15 08:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-95247-D-1	SB-2 (14-15)	Moisture	T	264	0.98 g	6.47 g	5.65 g		
460-95247-D-2	SB-7 (6-8)	Moisture	T	265	0.98 g	6.72 g	5.59 g		
460-95258-A-6 DU		Moisture	T	273	0.98 g	6.03 g	5.52 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	5/22/15
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	14:21
Date samples were removed from oven	5/23/15
Oven Temp when samples removed from oven	105 Degrees C
Time Samples were removed from oven	08:58
Oven ID	3
ID number of the thermometer	92010
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	105 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANAI

460-95247 Chain of Custody

irham Road
v Jersey 08817
) 549-3900 Fax: (732) 549-3679

Page 1 of 1

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
Frank Cherena / Jess Taylor	Brian Klaus	Parkchester
Company	**P. O. #**	**State (Location of site):** NJ: ☐ NY: ☒ Other:
Roux Associates Inc	2350.00dY000	**Regulatory Program:**
Address	**Analysis Turnaround Time**	
209 Shafter St	Standard ☒ 5-day	
City Islandia **State** NY 11749	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 631.232.2600 **Fax** 631.232.9898		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	8260C VOCs (20-5 Lst)	8270D SVOCs (20-5 Lst)								LAB USE ONLY Project No: / Job No: 95247 / Sample Numbers
SB-2 (14-15)	5/20/15	1600	S	5	X	X								-1
SB-7 (6-8)	5/20/15	1700	S	5	X	X								-2

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil: / Water:

6 = Other _____, 7 = Other _____

SHORT HOLD

Special Instructions Category B Deliverables

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
Brian Klaus	Roux	5/21/15 1230	1)	T A
Relinquished by 2)	Company T. A	Date / Time 5/21/15 14:40	Received by 2)	Company TA EDISON
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578) 1.2 (3.2 FRA J-NOCJ

TAL - 0016 (0814)

95247

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: _____

Number of Coolers: 1 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	7.2 °C	8.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 5/21/18

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-95247-1

Login Number: 95247
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are 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	
Cooler Temperature is recorded.	True	3.2°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.