284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : MACLEARIE PARK

REMINGTON & VERNICK ENGINEERS

2059 Springdale Road

Cherry Hill, NJ - 08003

Phone No: 856-795-9595

ORDER ID : Q3495

ATTENTION : Kyle Carlson

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3495

Project ID : Maclearie Park

Client : Remington & Vernick Engineers

Lab Sample Number	Client Sample Number
Q3495-01	SB-1025-1
Q3495-02	SB-1025-2
Q3495-03	TW-1025-1
Q3495-04	TB

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:33 am, Nov 10, 2025

Date: 11/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Remington & Vernick Engineers
Project Name: Maclearie Park
Project # N/A
Order ID # Q3495
Test Name: VOC-TCLVOA-10,SVOC-PAH,SVOC-TCL BNA -20,EPH_NF,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL,Cyanide

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 10/29/2025.
2 Water samples were received on 10/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,SVOC-PAH,SVOC-TCL BNA -20,EPH_NF,PCB,Pesticide-TCL,Mercury,Metals ICP-TAL,Cyanide. This data package contains results for VOC-TCLVOA-10(8260-Low,8260D),SVOC-PAH(8270E),SVOC-TCL BNA -20(8270E),EPH_NF(NJEPH),PCB(8082A),Pesticide-TCL(8081B),Mercury(7470A,7471B),Metals ICP-TAL(6010D),Cyanide(9012B,SM4500-CN C,E).

C. Analytical Techniques:
VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260-Low,8260D.

SVOC-PAH : The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-PAH was based on method 8270E and extraction was done based on method 3541.

SVOC-TCL BNA -20 : The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

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EPH_NF : The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_NFs was based on method NJEPH and extraction was done based on method 3541.

PCB : The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

Pesticide-TCL : The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3510.

Mercury,Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils) and 3010 (waters).The analysis and digestion of Mercury was based on method 7470A. The analysis and digestion of Mercury was based on method 7471B.

Wetchem : The analysis of Cyanide was based on method 9012B,SM4500-CN C,E and extraction was done based on method 8015B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except following
VOC-TCLVOA-10 : TW-1025-1RE [Toluene-d8 - 77%] sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following
Mercury,Metals ICP-TAL : The Matrix Spike (SB-1025-1MS) analysis met criteria for all compounds except for Antimony, Chromium, Manganese, Potassium, Vanadium and

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Zinc due to Chemical Interference during Digestion Process. The Matrix Spike (TW-1025-1MS) analysis met criteria for all compounds except for Aluminum and Potassium due to Chemical interference during digestion process.

The MSD recoveries met the requirements for all compounds except following Mercury,Metals ICP-TAL : The Matrix Spike Duplicate (SB-1025-1MSD) analysis met criteria for all compounds except for Antimony, Chromium, Manganese, Potassium, Vanadium and Zinc due to Chemical interference during digestion process. The Matrix Spike Duplicate (TW-1025-1MSD) analysis met criteria for all compounds except for Aluminum due to Chemical interference during digestion process.

The RPD were met for all analysis except following
VOC-TCLVOA-10 : The RPD for {VX1031WBSD01} with File ID: VX048420.D met criteria except for Tetrachloroethene[16%].

The Blank Spike met requirements for all compounds except following
VOC-TCLVOA-10 : The Blank Spike for {VX1031WBS01} with File ID: VX048419.D met requirements for all compounds except for 1,3-Dichlorobenzene[81%], 1,4-Dichlorobenzene[81%] is failing low as corrective action associate sample reanalyzed under passing BS.

The Blank Spike Duplicate met requirements for all compounds except following
VOC-TCLVOA-10 : The Blank Spike Duplicate for {VY1030SBSD01} with File ID: VY023623.D met requirements for all compounds except for 1,2-Dichloropropane[123%] is failing high but no positive hit in associate sample therefore no corrective action taken.

VOC-TCLVOA-10 : The Blank Spike Duplicate for {VX1103WBSD01} with File ID: VX048450.D met requirements for all compounds except for Benzene[114%].

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following
SVOC-TCL BNA -20 : The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenolthese, these Compounds are passing on Linear regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BP102925.M) for 26) 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, These Compounds are passing on Linear regression while 2,4-Dinitrophenol, 4,6-Dinitro-2-methylph are passing on Quadratic regression.

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The Continuous Calibration met the requirements except following
VOC-TCLVOA-10 : The Continuous Calibration File ID VX048445.D met the requirements except for Dibromofluoromethane which is not our target compound, therefore no corrective action taken.
The Continuous Calibration File ID VY023620.D met the requirements except for Methyl Acetate and Styrene are failing high but no positive hit in associate sample therefore no corrective action taken.

SVOC-PAH : The Continuous Calibration File ID BG064654.D met the requirements except for 2,4,6-Tribromophenol and Nitrobenzene-d5. But associated samples have no positive hit for these compounds therefore no corrective action was taekn.

SVOC-TCL BNA -20 : The Continuous Calibration File ID BG064654.D met the requirements except for 2,3,4,6-Tetrachlorophenol,2,4,6-Trichlorophenol,2,4-Dinitrophenol,2,4-Dinitrotoluene,2-Nitrophenol,3-Nitroaniline,4,6-Dinitro-2-methylphenol,4-Nitroaniline,4-Nitrophenol,Hexachlorocyclopentadiene,Nitrobenzene,2,4,6-Tribromophenol and Nitrobenzene-d5. But associated samples have no positive hit for these compounds therefore no corrective acition was taken.

Pesticide-TCL : The Continuous Calibration File ID PD090949.D met the requirements except for Heptachlor is failing in 1st column, failing high but no positive hits in associated samples therefore no corrective action was taken. AND for Decachlorobiphenyl is failing in 2nd column, failing high but no positive hits in associated samples therefor no corrective action was taken.

The Continuous Calibration File ID PD090957.D met the requirements except for Heptachlor is failing in 1st column, failing high but no positive hits in associated samples therefore no corrective action was taken.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compoundsexcept following
Mercury,Metals ICP-TAL : The Duplicate (TW-1025-1DUP) analysis met criteria for all compounds except for Manganese due to sample matrix interference.

The Serial Dilution met criteria for all compounds except following
Mercury,Metals ICP-TAL : The Serial Dilution (SB-1025-1L) met criteria for all compounds except for Aluminum, Chromium, Iron, Manganese and Potassium due to sample matrix interference. The Serial Dilution (TW-1025-1L) met criteria for all compounds except for Aluminum and Chromium due to sample matrix interference.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

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Mercury,Metals ICP-TAL : The Post Digest Spike (TW-1025-1A) analysis met criteria for all compounds except for Aluminum and Potassium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

In analytical sequence LB137750, The % recovery was outside of acceptance limit for all parameter of CCV08 but, no any sample associated under this CCV.

In analytical sequence LB137798, The % recovery was outside of acceptance limit for Sodium of CCV06 but, no any sample associated under this CCV.

In analytical sequence LB137798, The Result was outside of acceptance limit for Sodium and Potassium of CCB06 but, no any sample associated under this CCB.

SVOC-TCL BNA -20 : The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

SVOC-PAH : The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature__ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:34 am, Nov 10, 2025

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3495

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 11/10/2025

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Hit Summary Sheet
SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**TW-1025-1**							
Q3495-03	TW-1025-1	Water	Acetone	4.70	J	1.50	5.00	ug/L
Q3495-03	TW-1025-1	Water	Methyl tert-butyl Ether	2.60		0.16	1.00	ug/L
			Total Voc :	7.30				
			Total Concentration:	7.30				
Client ID:	**TW-1025-1RE**							
Q3495-03RE	TW-1025-1RE	Water	Acetone	3.00	J	1.50	5.00	ug/L
Q3495-03RE	TW-1025-1RE	Water	Methyl tert-butyl Ether	1.90		0.16	1.00	ug/L
			Total Voc :	4.90				
			Total Concentration:	4.90				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	75.1
Sample Wt/Vol:	5.66 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
74-87-3	Chloromethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-01-4	Vinyl Chloride	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
74-83-9	Bromomethane	1.30	U	1	1.30	5.90	ug/Kg	10/30/25 14:37	VY103025
75-00-3	Chloroethane	1.50	U	1	1.50	5.90	ug/Kg	10/30/25 14:37	VY103025
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
75-35-4	1,1-Dichloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
67-64-1	Acetone	5.60	U	1	5.60	29.4	ug/Kg	10/30/25 14:37	VY103025
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
1634-04-4	Methyl tert-butyl Ether	0.86	U	1	0.86	5.90	ug/Kg	10/30/25 14:37	VY103025
79-20-9	Methyl Acetate	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
75-09-2	Methylene Chloride	4.20	U	1	4.20	11.8	ug/Kg	10/30/25 14:37	VY103025
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
75-34-3	1,1-Dichloroethane	0.94	U	1	0.94	5.90	ug/Kg	10/30/25 14:37	VY103025
110-82-7	Cyclohexane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
78-93-3	2-Butanone	7.70	U	1	7.70	29.4	ug/Kg	10/30/25 14:37	VY103025
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
156-59-2	cis-1,2-Dichloroethene	0.88	U	1	0.88	5.90	ug/Kg	10/30/25 14:37	VY103025
74-97-5	Bromochloromethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
67-66-3	Chloroform	0.99	U	1	0.99	5.90	ug/Kg	10/30/25 14:37	VY103025
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
108-87-2	Methylcyclohexane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
71-43-2	Benzene	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
107-06-2	1,2-Dichloroethane	0.93	U	1	0.93	5.90	ug/Kg	10/30/25 14:37	VY103025
79-01-6	Trichloroethene	0.95	U	1	0.95	5.90	ug/Kg	10/30/25 14:37	VY103025
78-87-5	1,2-Dichloropropane	1.10	UQ	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
75-27-4	Bromodichloromethane	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
108-10-1	4-Methyl-2-Pentanone	4.20	U	1	4.20	29.4	ug/Kg	10/30/25 14:37	VY103025
108-88-3	Toluene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-02-6	t-1,3-Dichloropropene	0.76	U	1	0.76	5.90	ug/Kg	10/30/25 14:37	VY103025
10061-01-5	cis-1,3-Dichloropropene	0.73	U	1	0.73	5.90	ug/Kg	10/30/25 14:37	VY103025
79-00-5	1,1,2-Trichloroethane	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
591-78-6	2-Hexanone	4.30	U	1	4.30	29.4	ug/Kg	10/30/25 14:37	VY103025
124-48-1	Dibromochloromethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.90	ug/Kg	10/30/25 14:37	VY103025
108-90-7	Chlorobenzene	1.10	U	1	1.10	5.90	ug/Kg	10/30/25 14:37	VY103025
100-41-4	Ethyl Benzene	0.79	U	1	0.79	5.90	ug/Kg	10/30/25 14:37	VY103025
179601-23-1	m/p-Xylenes	1.50	U	1	1.50	11.8	ug/Kg	10/30/25 14:37	VY103025
95-47-6	o-Xylene	0.96	U	1	0.96	5.90	ug/Kg	10/30/25 14:37	VY103025
100-42-5	Styrene	0.84	U	1	0.84	5.90	ug/Kg	10/30/25 14:37	VY103025
75-25-2	Bromoform	1.00	U	1	1.00	5.90	ug/Kg	10/30/25 14:37	VY103025

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	75.1
Sample Wt/Vol:	5.66 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.92	U	1	0.92	5.90	ug/Kg	10/30/25 14:37	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.90	ug/Kg	10/30/25 14:37	VY103025
541-73-1	1,3-Dichlorobenzene	2.00	U	1	2.00	5.90	ug/Kg	10/30/25 14:37	VY103025
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.90	ug/Kg	10/30/25 14:37	VY103025
95-50-1	1,2-Dichlorobenzene	1.70	U	1	1.70	5.90	ug/Kg	10/30/25 14:37	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	1	2.20	5.90	ug/Kg	10/30/25 14:37	VY103025
120-82-1	1,2,4-Trichlorobenzene	3.50	U	1	3.50	5.90	ug/Kg	10/30/25 14:37	VY103025
87-61-6	1,2,3-Trichlorobenzene	3.70	U	1	3.70	5.90	ug/Kg	10/30/25 14:37	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.9			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	49.4			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.4			17 - 146	85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	765000							
540-36-3	1,4-Difluorobenzene	1280000							
3114-55-4	Chlorobenzene-d5	1080000							
3855-82-1	1,4-Dichlorobenzene-d4	427000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/31/25 13:46	VX103125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/31/25 13:46	VX103125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/31/25 13:46	VX103125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/31/25 13:46	VX103125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/31/25 13:46	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
67-64-1	Acetone	4.70	J	1	1.50	5.00	ug/L	10/31/25 13:46	VX103125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/31/25 13:46	VX103125
1634-04-4	Methyl tert-butyl Ether	2.60		1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/31/25 13:46	VX103125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/31/25 13:46	VX103125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/31/25 13:46	VX103125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/31/25 13:46	VX103125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/31/25 13:46	VX103125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/31/25 13:46	VX103125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 13:46	VX103125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/31/25 13:46	VX103125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/31/25 13:46	VX103125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/31/25 13:46	VX103125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/31/25 13:46	VX103125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/31/25 13:46	VX103125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/31/25 13:46	VX103125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 13:46	VX103125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 13:46	VX103125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/31/25 13:46	VX103125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/31/25 13:46	VX103125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/31/25 13:46	VX103125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/31/25 13:46	VX103125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 13:46	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/31/25 13:46	VX103125
541-73-1	1,3-Dichlorobenzene	0.16	UQ	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
106-46-7	1,4-Dichlorobenzene	0.19	UQ	1	0.19	1.00	ug/L	10/31/25 13:46	VX103125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 13:46	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/31/25 13:46	VX103125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 13:46	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.4			74 - 125	121%	SPK: 50		
1868-53-7	Dibromofluoromethane	57.3			75 - 124	115%	SPK: 50		
2037-26-5	Toluene-d8	48.1			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	121000							
540-36-3	1,4-Difluorobenzene	239000							
3114-55-4	Chlorobenzene-d5	247000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1RE	SDG No.:	Q3495
Lab Sample ID:	Q3495-03RE	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 14:59	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 14:59	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 14:59	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 14:59	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 14:59	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
67-64-1	Acetone	3.00	J	1	1.50	5.00	ug/L	11/03/25 14:59	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 14:59	VX110325
1634-04-4	Methyl tert-butyl Ether	1.90		1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 14:59	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 14:59	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 14:59	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 14:59	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 14:59	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 14:59	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 14:59	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 14:59	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 14:59	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 14:59	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 14:59	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 14:59	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 14:59	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 14:59	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 14:59	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 14:59	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 14:59	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 14:59	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 14:59	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1RE	SDG No.:	Q3495
Lab Sample ID:	Q3495-03RE	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 14:59	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 14:59	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 14:59	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 14:59	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 14:59	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 14:59	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.8			74 - 125	96%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.0			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	38.7	*		86 - 113	77%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			77 - 121	79%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	146000							
540-36-3	1,4-Difluorobenzene	263000							
3114-55-4	Chlorobenzene-d5	207000							
3855-82-1	1,4-Dichlorobenzene-d4	101000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/24/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TB	SDG No.:	Q3495
Lab Sample ID:	Q3495-04	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 15:20	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 15:20	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 15:20	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 15:20	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 15:20	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/03/25 15:20	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 15:20	VX110325
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 15:20	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 15:20	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 15:20	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 15:20	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 15:20	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 15:20	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 15:20	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 15:20	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 15:20	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 15:20	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 15:20	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 15:20	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 15:20	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 15:20	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 15:20	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 15:20	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 15:20	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 15:20	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 15:20	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/24/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TB	SDG No.:	Q3495
Lab Sample ID:	Q3495-04	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 15:20	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 15:20	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 15:20	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 15:20	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 15:20	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 15:20	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.4			74 - 125	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	58.9			75 - 124	118%	SPK: 50		
2037-26-5	Toluene-d8	43.2			86 - 113	86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.5			77 - 121	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	163000							
540-36-3	1,4-Difluorobenzene	253000							
3114-55-4	Chlorobenzene-d5	219000							
3855-82-1	1,4-Dichlorobenzene-d4	107000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3495-02	SB-1025-2	1,2-Dichloroethane-d4	50	52.9	106		63	155
		Dibromofluoromethane	50	50.3	101		70	134
		Toluene-d8	50	49.4	99		74	123
		4-Bromofluorobenzene	50	42.4	85		17	146
VY1030SBL01	VY1030SBL01	1,2-Dichloroethane-d4	50	55.9	112		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	49.6	99		74	123
		4-Bromofluorobenzene	50	41.4	83		17	146
VY1030SBS01	VY1030SBS01	1,2-Dichloroethane-d4	50	48.8	98		63	155
		Dibromofluoromethane	50	51.5	103		70	134
		Toluene-d8	50	50.4	101		74	123
		4-Bromofluorobenzene	50	49.9	100		17	146
VY1030SBSD01	VY1030SBSD01	1,2-Dichloroethane-d4	50	52.8	106		63	155
		Dibromofluoromethane	50	54.1	108		70	134
		Toluene-d8	50	53.1	106		74	123
		4-Bromofluorobenzene	50	51.9	104		17	146

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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3495-03	TW-1025-1	1,2-Dichloroethane-d4	50	60.4	121		74	125
		Dibromofluoromethane	50	57.3	115		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	58.2	116		77	121
Q3495-03RE	TW-1025-1RE	1,2-Dichloroethane-d4	50	47.8	96		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	38.7	77	*	86	113
		4-Bromofluorobenzene	50	39.4	79		77	121
Q3495-04	TB	1,2-Dichloroethane-d4	50	46.4	93		74	125
		Dibromofluoromethane	50	58.9	118		75	124
		Toluene-d8	50	43.2	86		86	113
		4-Bromofluorobenzene	50	43.5	87		77	121
VX1031WBL01	VX1031WBL01	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	48.6	97		86	113
		4-Bromofluorobenzene	50	57.6	115		77	121
VX1031WBS01	VX1031WBS01	1,2-Dichloroethane-d4	50	57.7	115		74	125
		Dibromofluoromethane	50	53.7	107		75	124
		Toluene-d8	50	52.9	106		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1031WBSD0	VX1031WBSD01	1,2-Dichloroethane-d4	50	52.5	105		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
VX1103WBL01	VX1103WBL01	1,2-Dichloroethane-d4	50	52.7	105		74	125
		Dibromofluoromethane	50	59.8	120		75	124
		Toluene-d8	50	45.5	91		86	113
		4-Bromofluorobenzene	50	48.3	97		77	121
VX1103WBS01	VX1103WBS01	1,2-Dichloroethane-d4	50	49.1	98		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	43.8	88		86	113
		4-Bromofluorobenzene	50	43.5	87		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBS01	Dichlorodifluoromethane	20	17.0	ug/L	85			69	116	
	Chloromethane	20	18.1	ug/L	91			65	116	
	Vinyl chloride	20	17.4	ug/L	87			65	117	
	Bromomethane	20	20.4	ug/L	102			58	125	
	Chloroethane	20	17.7	ug/L	89			56	128	
	Trichlorofluoromethane	20	17.5	ug/L	88			73	115	
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89			80	112	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acetone	100	90.6	ug/L	91			60	125	
	Carbon disulfide	20	17.8	ug/L	89			64	112	
	Methyl tert-butyl Ether	20	18.4	ug/L	92			78	114	
	Methyl Acetate	20	16.6	ug/L	83			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	17.9	ug/L	90			75	108	
	1,1-Dichloroethane	20	18.2	ug/L	91			78	112	
	Cyclohexane	20	17.7	ug/L	89			75	110	
	2-Butanone	100	92.3	ug/L	92			65	122	
	Carbon Tetrachloride	20	16.9	ug/L	85			77	113	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			77	110	
	Bromochloromethane	20	15.3	ug/L	77			70	124	
	Chloroform	20	18.2	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.0	ug/L	90			80	108	
	Methylcyclohexane	20	16.2	ug/L	81			72	115	
	Benzene	20	17.7	ug/L	89			82	109	
	1,2-Dichloroethane	20	18.2	ug/L	91			80	115	
	Trichloroethene	20	17.4	ug/L	87			77	113	
	1,2-Dichloropropane	20	17.8	ug/L	89			83	111	
	Bromodichloromethane	20	18.3	ug/L	92			83	110	
	4-Methyl-2-Pentanone	100	90.4	ug/L	90			74	118	
	Toluene	20	17.8	ug/L	89			82	110	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	17.9	ug/L	90			83	112	
	2-Hexanone	100	88.8	ug/L	89			73	117	
	Dibromochloromethane	20	17.9	ug/L	90			82	110	
	1,2-Dibromoethane	20	17.9	ug/L	90			81	110	
	Tetrachloroethene	20	16.1	ug/L	81			67	123	
	Chlorobenzene	20	16.8	ug/L	84			82	109	
	Ethyl Benzene	20	16.8	ug/L	84			83	109	
	m/p-Xylenes	40	34.2	ug/L	86			82	110	
	o-Xylene	20	17.0	ug/L	85			83	109	
	Styrene	20	17.1	ug/L	86			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	16.5	ug/L	83			83	112	
	1,1,2,2-Tetrachloroethane	20	16.8	ug/L	84			76	118	
	1,3-Dichlorobenzene	20	16.1	ug/L	81		*	82	108	
	1,4-Dichlorobenzene	20	16.1	ug/L	81		*	82	107	
	1,2-Dichlorobenzene	20	16.6	ug/L	83			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048419.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBS01	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	16.2	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.1	ug/L	81			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBSD01	Dichlorodifluoromethane	20	18.5	ug/L	93	9		69	116	19
	Chloromethane	20	19.4	ug/L	97	6		65	116	21
	Vinyl chloride	20	18.2	ug/L	91	4		65	117	19
	Bromomethane	20	21.1	ug/L	106	4		58	125	20
	Chloroethane	20	17.8	ug/L	89	0		56	128	20
	Trichlorofluoromethane	20	18.4	ug/L	92	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96	8		80	112	15
	1,1-Dichloroethene	20	18.5	ug/L	93	4		74	110	20
	Acetone	100	95.9	ug/L	96	5		60	125	20
	Carbon disulfide	20	18.6	ug/L	93	4		64	112	20
	Methyl tert-butyl Ether	20	18.9	ug/L	95	3		78	114	20
	Methyl Acetate	20	17.7	ug/L	89	7		67	125	20
	Methylene Chloride	20	18.8	ug/L	94	1		72	114	20
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	3		75	108	16
	1,1-Dichloroethane	20	18.8	ug/L	94	3		78	112	20
	Cyclohexane	20	19.2	ug/L	96	8		75	110	20
	2-Butanone	100	99.3	ug/L	99	7		65	122	26
	Carbon Tetrachloride	20	18.4	ug/L	92	8		77	113	15
	cis-1,2-Dichloroethene	20	18.6	ug/L	93	4		77	110	20
	Bromochloromethane	20	15.7	ug/L	79	3		70	124	20
	Chloroform	20	19.2	ug/L	96	5		79	113	20
	1,1,1-Trichloroethane	20	18.9	ug/L	95	5		80	108	20
	Methylcyclohexane	20	18.6	ug/L	93	14		72	115	20
	Benzene	20	19.1	ug/L	96	8		82	109	15
	1,2-Dichloroethane	20	18.8	ug/L	94	3		80	115	20
	Trichloroethene	20	18.6	ug/L	93	7		77	113	15
	1,2-Dichloropropane	20	18.9	ug/L	95	7		83	111	16
	Bromodichloromethane	20	19.0	ug/L	95	3		83	110	16
	4-Methyl-2-Pentanone	100	98.2	ug/L	98	9		74	118	25
	Toluene	20	19.2	ug/L	96	8		82	110	16
	t-1,3-Dichloropropene	20	20.2	ug/L	101	7		79	110	20
	cis-1,3-Dichloropropene	20	20.1	ug/L	101	7		82	110	16
	1,1,2-Trichloroethane	20	19.3	ug/L	97	7		83	112	20
	2-Hexanone	100	100	ug/L	100	12		73	117	25
	Dibromochloromethane	20	19.5	ug/L	98	9		82	110	20
	1,2-Dibromoethane	20	19.9	ug/L	100	11		81	110	20
	Tetrachloroethene	20	19.0	ug/L	95	16	*	67	123	15
	Chlorobenzene	20	19.0	ug/L	95	12		82	109	15
	Ethyl Benzene	20	19.1	ug/L	96	13		83	109	16
	m/p-Xylenes	40	38.6	ug/L	97	12		82	110	15
	o-Xylene	20	19.3	ug/L	97	13		83	109	20
	Styrene	20	19.6	ug/L	98	13		80	111	17
	Bromoform	20	19.6	ug/L	98	13		79	109	20
	Isopropylbenzene	20	19.2	ug/L	96	15		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97	14		76	118	20
	1,3-Dichlorobenzene	20	18.8	ug/L	94	15		82	108	20
	1,4-Dichlorobenzene	20	18.7	ug/L	94	15		82	107	15
	1,2-Dichlorobenzene	20	19.2	ug/L	96	15		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1031WBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96	16		68	112	20
	1,2,4-Trichlorobenzene	20	18.8	ug/L	94	15		75	113	29
	1,2,3-Trichlorobenzene	20	19.3	ug/L	97	18		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048449.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1103WBS01	Dichlorodifluoromethane	20	17.2	ug/L	86			69	116	
	Chloromethane	20	20.5	ug/L	103			65	116	
	Vinyl chloride	20	19.6	ug/L	98			65	117	
	Bromomethane	20	20.1	ug/L	101			58	125	
	Chloroethane	20	17.0	ug/L	85			56	128	
	Trichlorofluoromethane	20	17.3	ug/L	86			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101			80	112	
	1,1-Dichloroethene	20	20.2	ug/L	101			74	110	
	Acetone	100	88.6	ug/L	89			60	125	
	Carbon disulfide	20	16.9	ug/L	85			64	112	
	Methyl tert-butyl Ether	20	17.4	ug/L	87			78	114	
	Methyl Acetate	20	16.0	ug/L	80			67	125	
	Methylene Chloride	20	17.1	ug/L	86			72	114	
	trans-1,2-Dichloroethene	20	16.9	ug/L	85			75	108	
	1,1-Dichloroethane	20	17.4	ug/L	87			78	112	
	Cyclohexane	20	19.7	ug/L	99			75	110	
	2-Butanone	100	82.0	ug/L	82			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	cis-1,2-Dichloroethene	20	16.6	ug/L	83			77	110	
	Bromochloromethane	20	19.3	ug/L	97			70	124	
	Chloroform	20	18.5	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	19.9	ug/L	100			80	108	
	Methylcyclohexane	20	16.6	ug/L	83			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.2	ug/L	91			80	115	
	Trichloroethene	20	17.5	ug/L	88			77	113	
	1,2-Dichloropropane	20	17.1	ug/L	86			83	111	
	Bromodichloromethane	20	18.3	ug/L	92			83	110	
	4-Methyl-2-Pentanone	100	86.6	ug/L	87			74	118	
	Toluene	20	17.6	ug/L	88			82	110	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			79	110	
	cis-1,3-Dichloropropene	20	18.4	ug/L	92			82	110	
	1,1,2-Trichloroethane	20	18.0	ug/L	90			83	112	
	2-Hexanone	100	86.4	ug/L	86			73	117	
	Dibromochloromethane	20	18.2	ug/L	91			82	110	
	1,2-Dibromoethane	20	17.8	ug/L	89			81	110	
	Tetrachloroethene	20	19.8	ug/L	99			67	123	
	Chlorobenzene	20	20.7	ug/L	104			82	109	
	Ethyl Benzene	20	20.5	ug/L	103			83	109	
	m/p-Xylenes	40	42.2	ug/L	106			82	110	
	o-Xylene	20	20.7	ug/L	104			83	109	
	Styrene	20	21.2	ug/L	106			80	111	
	Bromoform	20	21.3	ug/L	106			79	109	
	Isopropylbenzene	20	20.5	ug/L	103			83	112	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103			76	118	
	1,3-Dichlorobenzene	20	19.7	ug/L	99			82	108	
	1,4-Dichlorobenzene	20	20.2	ug/L	101			82	107	
	1,2-Dichlorobenzene	20	20.3	ug/L	102			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260-Low

Client: Remington & Vernick Engineers **Datafile :** VX048449.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1103WBS01	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103			68	112	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			75	113	
	1,2,3-Trichlorobenzene	20	20.2	ug/L	101			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBS01	Dichlorodifluoromethane	20	21.0	ug/Kg	105			64	136	
	Chloromethane	20	20.3	ug/Kg	102			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	20.5	ug/Kg	103			58	141	
	Chloroethane	20	21.2	ug/Kg	106			69	130	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			69	134	
	1,1,2-Trichlorotrifluoroethane	20	23.0	ug/Kg	115			81	123	
	1,1-Dichloroethene	20	22.1	ug/Kg	111			79	121	
	Acetone	100	140	ug/Kg	140			40	171	
	Carbon disulfide	20	20.8	ug/Kg	104			59	130	
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102			77	129	
	Methyl Acetate	20	18.4	ug/Kg	92			69	149	
	Methylene Chloride	20	21.1	ug/Kg	106			72	131	
	trans-1,2-Dichloroethene	20	21.9	ug/Kg	110			80	123	
	1,1-Dichloroethane	20	23.1	ug/Kg	116			82	123	
	Cyclohexane	20	21.9	ug/Kg	110			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	23.1	ug/Kg	116			76	129	
	cis-1,2-Dichloroethene	20	22.5	ug/Kg	113			82	123	
	Bromochloromethane	20	22.4	ug/Kg	112			80	127	
	Chloroform	20	23.2	ug/Kg	116			82	125	
	1,1,1-Trichloroethane	20	23.3	ug/Kg	117			80	126	
	Methylcyclohexane	20	21.6	ug/Kg	108			77	123	
	Benzene	20	23.3	ug/Kg	117			84	121	
	1,2-Dichloroethane	20	22.1	ug/Kg	111			81	126	
	Trichloroethene	20	22.6	ug/Kg	113			83	122	
	1,2-Dichloropropane	20	23.3	ug/Kg	117			83	122	
	Bromodichloromethane	20	22.7	ug/Kg	114			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	23.0	ug/Kg	115			83	122	
	t-1,3-Dichloropropene	20	21.3	ug/Kg	106			78	124	
	cis-1,3-Dichloropropene	20	22.1	ug/Kg	111			81	122	
	1,1,2-Trichloroethane	20	22.2	ug/Kg	111			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	21.7	ug/Kg	109			79	125	
	1,2-Dibromoethane	20	21.0	ug/Kg	105			80	125	
	Tetrachloroethene	20	22.4	ug/Kg	112			83	125	
	Chlorobenzene	20	22.6	ug/Kg	113			84	122	
	Ethyl Benzene	20	22.7	ug/Kg	114			82	124	
	m/p-Xylenes	40	46.0	ug/Kg	115			83	124	
	o-Xylene	20	22.3	ug/Kg	112			83	123	
	Styrene	20	22.6	ug/Kg	113			82	124	
	Bromoform	20	21.2	ug/Kg	106			75	127	
	Isopropylbenzene	20	22.8	ug/Kg	114			82	124	
	1,1,2,2-Tetrachloroethane	20	21.2	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	22.4	ug/Kg	112			83	122	
	1,4-Dichlorobenzene	20	22.3	ug/Kg	112			84	121	
	1,2-Dichlorobenzene	20	22.2	ug/Kg	111			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023622.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	20.6	ug/Kg	103			78	127	
	1,2,3-Trichlorobenzene	20	19.8	ug/Kg	99			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023623.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBSD01	Dichlorodifluoromethane	20	22.0	ug/Kg	110	5		64	136	20
	Chloromethane	20	20.8	ug/Kg	104	2		52	151	20
	Vinyl chloride	20	21.3	ug/Kg	106	5		56	148	20
	Bromomethane	20	21.0	ug/Kg	105	2		58	141	20
	Chloroethane	20	22.1	ug/Kg	111	5		69	130	20
	Trichlorofluoromethane	20	22.3	ug/Kg	112	7		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	24.0	ug/Kg	120	4		81	123	20
	1,1-Dichloroethene	20	22.6	ug/Kg	113	2		79	121	20
	Acetone	100	150	ug/Kg	150	7		40	171	20
	Carbon disulfide	20	21.7	ug/Kg	109	5		59	130	20
	Methyl tert-butyl Ether	20	21.5	ug/Kg	108	6		77	129	20
	Methyl Acetate	20	20.1	ug/Kg	101	9		69	149	20
	Methylene Chloride	20	22.1	ug/Kg	111	5		72	131	20
	trans-1,2-Dichloroethene	20	23.1	ug/Kg	116	5		80	123	20
	1,1-Dichloroethane	20	24.3	ug/Kg	121	4		82	123	20
	Cyclohexane	20	22.1	ug/Kg	111	1		76	122	20
	2-Butanone	100	130	ug/Kg	130	8		69	131	20
	Carbon Tetrachloride	20	24.0	ug/Kg	120	3		76	129	20
	cis-1,2-Dichloroethene	20	23.1	ug/Kg	116	3		82	123	20
	Bromochloromethane	20	23.2	ug/Kg	116	4		80	127	20
	Chloroform	20	24.4	ug/Kg	122	5		82	125	20
	1,1,1-Trichloroethane	20	24.3	ug/Kg	121	3		80	126	20
	Methylcyclohexane	20	22.9	ug/Kg	115	6		77	123	20
	Benzene	20	24.1	ug/Kg	121	3		84	121	20
	1,2-Dichloroethane	20	23.3	ug/Kg	117	5		81	126	20
	Trichloroethene	20	23.4	ug/Kg	117	3		83	122	20
	1,2-Dichloropropane	20	24.6	ug/Kg	123	5	*	83	122	20
	Bromodichloromethane	20	23.9	ug/Kg	119	4		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	24.3	ug/Kg	121	5		83	122	20
	t-1,3-Dichloropropene	20	22.3	ug/Kg	112	6		78	124	20
	cis-1,3-Dichloropropene	20	23.8	ug/Kg	119	7		81	122	20
	1,1,2-Trichloroethane	20	23.4	ug/Kg	117	5		82	125	20
	2-Hexanone	100	120	ug/Kg	120	9		66	138	20
	Dibromochloromethane	20	23.0	ug/Kg	115	5		79	125	20
	1,2-Dibromoethane	20	22.6	ug/Kg	113	7		80	125	20
	Tetrachloroethene	20	23.0	ug/Kg	115	3		83	125	20
	Chlorobenzene	20	23.4	ug/Kg	117	3		84	122	20
	Ethyl Benzene	20	23.6	ug/Kg	118	3		82	124	20
	m/p-Xylenes	40	47.8	ug/Kg	119	3		83	124	20
	o-Xylene	20	23.5	ug/Kg	117	4		83	123	20
	Styrene	20	23.3	ug/Kg	117	3		82	124	20
	Bromoform	20	22.2	ug/Kg	111	5		75	127	20
	Isopropylbenzene	20	23.9	ug/Kg	119	4		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.5	ug/Kg	113	6		77	127	20
	1,3-Dichlorobenzene	20	23.5	ug/Kg	117	4		83	122	20
	1,4-Dichlorobenzene	20	23.5	ug/Kg	117	4		84	121	20
	1,2-Dichlorobenzene	20	23.2	ug/Kg	116	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8260D

Client: Remington & Vernick Engineers **Datafile :** VY023623.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1030SBSD01	1,2-Dibromo-3-Chloropropane	20	21.4	ug/Kg	107	7		66	134	20
	1,2,4-Trichlorobenzene	20	21.7	ug/Kg	109	6		78	127	20
	1,2,3-Trichlorobenzene	20	21.5	ug/Kg	108	9		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1031WBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VX048418.D | Lab Sample ID: VX1031WBL01

Date Analyzed: 10/31/2025 | Time Analyzed: 10:06

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025
TW-1025-1	Q3495-03	VX048428.D	10/31/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1103WBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VX048447.D | Lab Sample ID: VX1103WBL01

Date Analyzed: 11/03/2025 | Time Analyzed: 11:25

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1103WBS01	VX1103WBS01	VX048449.D	11/03/2025
TW-1025-1RE	Q3495-03RE	VX048456.D	11/03/2025
TB	Q3495-04	VX048457.D	11/03/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1030SBL01

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: VY023621.D | Lab Sample ID: VY1030SBL01

Date Analyzed: 10/30/2025 | Time Analyzed: 09:40

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1030SBS01	VY1030SBS01	VY023622.D	10/30/2025
VY1030SBSD01	VY1030SBSD01	VY023623.D	10/30/2025
SB-1025-2	Q3495-02	VY023631.D	10/30/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab File ID: VX048403.D
BFB Injection Date: 10/29/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:39
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

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	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.3
175	5.0 - 9.0% of mass 174	5 (6.9) 1
176	95.0 - 101.0% of mass 174	70.8 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048407.D	10/29/2025	11:12
VSTDICC005	VSTDICC005	VX048408.D	10/29/2025	11:41
VSTDICC020	VSTDICC020	VX048409.D	10/29/2025	12:01
VSTDICCC050	VSTDICCC050	VX048410.D	10/29/2025	12:22
VSTDICC100	VSTDICC100	VX048411.D	10/29/2025	12:43
VSTDICC150	VSTDICC150	VX048412.D	10/29/2025	13:03

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab File ID: VX048415.D
BFB Injection Date: 10/31/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:06
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18
75	30.0 - 60.0% of mass 95	51
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.3 (95.4) 1
177	5.0 - 9.0% of mass 176	4.6 (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 ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048416.D	10/31/2025	09:18
VX1031WBL01	VX1031WBL01	VX048418.D	10/31/2025	10:06
VX1031WBS01	VX1031WBS01	VX048419.D	10/31/2025	10:34
VX1031WBSD01	VX1031WBSD01	VX048420.D	10/31/2025	11:00
TW-1025-1	Q3495-03	VX048428.D	10/31/2025	13:46

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab File ID: VX048444.D
BFB Injection Date: 11/03/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:20
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 60.0% of mass 95	57.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.4 (7.2) 1
176	95.0 - 101.0% of mass 174	72 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (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 ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048445.D	11/03/2025	09:14
VX1103WBL01	VX1103WBL01	VX048447.D	11/03/2025	11:25
VX1103WBS01	VX1103WBS01	VX048449.D	11/03/2025	12:21
TW-1025-1RE	Q3495-03RE	VX048456.D	11/03/2025	14:59
TB	Q3495-04	VX048457.D	11/03/2025	15:20

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab File ID: VY023383.D
BFB Injection Date: 10/07/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:43
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (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 ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab File ID: VY023619.D
BFB Injection Date: 10/30/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:39
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.8
75	30.0 - 60.0% of mass 95	49
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.2 (1.2) 1
174	50.0 - 100.0% of mass 95	94.6
175	5.0 - 9.0% of mass 174	6.9 (7.3) 1
176	95.0 - 101.0% of mass 174	90.7 (95.8) 1
177	5.0 - 9.0% of mass 176	6 (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 ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023620.D	10/30/2025	09:09
VY1030SBL01	VY1030SBL01	VY023621.D	10/30/2025	09:40
VY1030SBS01	VY1030SBS01	VY023622.D	10/30/2025	10:36
VY1030SBSD01	VY1030SBSD01	VY023623.D	10/30/2025	11:09
SB-1025-2	Q3495-02	VY023631.D	10/30/2025	14:37

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	152790	5.53	255523	6.74	229228	10.04
UPPER LIMIT	305580	6.031	511046	7.239	458456	10.537
LOWER LIMIT	76395	5.031	127762	6.239	114614	9.537
EPA SAMPLE NO.						
TW-1025-1	121387	5.54	239256	6.75	246924	10.04
VX1031WBL01	109923	5.54	221003	6.75	229713	10.04
VX1031WBS01	179964	5.53	315014	6.74	292819	10.04
VX1031WBSD01	161570	5.53	274506	6.74	244643	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048416.D Date Analyzed: 10/31/2025

Instrument ID: MSVOA_X Time Analyzed: 09:18

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	111736	12				
UPPER LIMIT	223472	12.5				
LOWER LIMIT	55868	11.5				
EPA SAMPLE NO.						
TW-1025-1	124979	12.01				
VX1031WBL01	119652	12.01				
VX1031WBS01	146834	12.01				
VX1031WBSD01	120989	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048445.D Date Analyzed: 11/03/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	182398	5.53	256609	6.74	229985	10.04
UPPER LIMIT	364796	6.032	513218	7.239	459970	10.537
LOWER LIMIT	91199	5.032	128305	6.239	114993	9.537
EPA SAMPLE NO.						
TW-1025-1RE	146009	5.54	263069	6.75	207013	10.04
TB	163243	5.54	253289	6.75	218816	10.04
VX1103WBL01	160467	5.53	268071	6.74	290044	10.04
VX1103WBS01	172640	5.53	288363	6.74	217740	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VX048445.D Date Analyzed: 11/03/2025

Instrument ID: MSVOA_X Time Analyzed: 09:14

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	116056	12				
UPPER LIMIT	232112	12.5				
LOWER LIMIT	58028	11.5				
EPA SAMPLE NO.						
TW-1025-1RE	101418	12.01				
TB	107167	12.01				
VX1103WBL01	117306	12.01				
VX1103WBS01	110522	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VY023620.D Date Analyzed: 10/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	476273	7.71	677359	8.62	596160	11.42
UPPER LIMIT	952546	8.213	1354720	9.116	1192320	11.92
LOWER LIMIT	238137	7.213	338680	8.116	298080	10.92
EPA SAMPLE NO.						
SB-1025-2	765269	7.71	1282589	8.62	1076446	11.42
VY1030SBL01	742027	7.71	1269076	8.62	1061841	11.42
VY1030SBS01	459671	7.71	679981	8.62	588601	11.41
VY1030SBSD01	451310	7.71	657731	8.62	578799	11.42

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: VY023620.D Date Analyzed: 10/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:09

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	319486	13.346				
UPPER LIMIT	638972	13.846				
LOWER LIMIT	159743	12.846				
EPA SAMPLE NO.						
SB-1025-2	427496	13.35				
VY1030SBL01	422864	13.35				
VY1030SBS01	307493	13.35				
VY1030SBSD01	300735	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBL01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	10/31/25 10:06	VX103125
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/31/25 10:06	VX103125
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	10/31/25 10:06	VX103125
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	10/31/25 10:06	VX103125
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	10/31/25 10:06	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	10/31/25 10:06	VX103125
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	10/31/25 10:06	VX103125
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	10/31/25 10:06	VX103125
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	10/31/25 10:06	VX103125
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	10/31/25 10:06	VX103125
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/31/25 10:06	VX103125
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/31/25 10:06	VX103125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/31/25 10:06	VX103125
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	10/31/25 10:06	VX103125
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	10/31/25 10:06	VX103125
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	10/31/25 10:06	VX103125
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	10/31/25 10:06	VX103125
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	10/31/25 10:06	VX103125
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	10/31/25 10:06	VX103125
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	10/31/25 10:06	VX103125
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/31/25 10:06	VX103125
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 10:06	VX103125
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	10/31/25 10:06	VX103125
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	10/31/25 10:06	VX103125
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	10/31/25 10:06	VX103125
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	10/31/25 10:06	VX103125
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBL01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	10/31/25 10:06	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	10/31/25 10:06	VX103125
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	10/31/25 10:06	VX103125
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	10/31/25 10:06	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	10/31/25 10:06	VX103125
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	10/31/25 10:06	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.9			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.6			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	110000							
540-36-3	1,4-Difluorobenzene	221000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	120000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	VX1103WBL01	SDG No.:	Q3495
Lab Sample ID:	VX1103WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/03/25 11:25	VX110325
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/03/25 11:25	VX110325
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/03/25 11:25	VX110325
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/03/25 11:25	VX110325
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/03/25 11:25	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/03/25 11:25	VX110325
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/03/25 11:25	VX110325
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/03/25 11:25	VX110325
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/03/25 11:25	VX110325
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/03/25 11:25	VX110325
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/03/25 11:25	VX110325
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/03/25 11:25	VX110325
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/03/25 11:25	VX110325
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/03/25 11:25	VX110325
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/03/25 11:25	VX110325
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/03/25 11:25	VX110325
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/03/25 11:25	VX110325
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/03/25 11:25	VX110325
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/03/25 11:25	VX110325
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/03/25 11:25	VX110325
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/03/25 11:25	VX110325
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 11:25	VX110325
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/03/25 11:25	VX110325
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/03/25 11:25	VX110325
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/03/25 11:25	VX110325
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/03/25 11:25	VX110325
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1103WBL01			SDG No.:	Q3495
Lab Sample ID:	VX1103WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/03/25 11:25	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/03/25 11:25	VX110325
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/03/25 11:25	VX110325
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/03/25 11:25	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/03/25 11:25	VX110325
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/03/25 11:25	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.7			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	59.8			75 - 124	120%	SPK: 50		
2037-26-5	Toluene-d8	45.5			86 - 113	91%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			77 - 121	97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	160000							
540-36-3	1,4-Difluorobenzene	268000							
3114-55-4	Chlorobenzene-d5	290000							
3855-82-1	1,4-Dichlorobenzene-d4	117000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	VY1030SBL01	SDG No.:	Q3495
Lab Sample ID:	VY1030SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/30/25 09:40	VY103025
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/30/25 09:40	VY103025
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/30/25 09:40	VY103025
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/30/25 09:40	VY103025
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/30/25 09:40	VY103025
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/30/25 09:40	VY103025
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/30/25 09:40	VY103025
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/30/25 09:40	VY103025
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/30/25 09:40	VY103025
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/30/25 09:40	VY103025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/30/25 09:40	VY103025
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/30/25 09:40	VY103025
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/30/25 09:40	VY103025
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/30/25 09:40	VY103025
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/30/25 09:40	VY103025
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/30/25 09:40	VY103025
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/30/25 09:40	VY103025
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/30/25 09:40	VY103025
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/30/25 09:40	VY103025
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/30/25 09:40	VY103025
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/30/25 09:40	VY103025
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/30/25 09:40	VY103025
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/30/25 09:40	VY103025
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/30/25 09:40	VY103025
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/30/25 09:40	VY103025
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/30/25 09:40	VY103025
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/30/25 09:40	VY103025
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/30/25 09:40	VY103025
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/30/25 09:40	VY103025

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	VY1030SBL01	SDG No.:	Q3495
Lab Sample ID:	VY1030SBL01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	10/30/25 09:40	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/30/25 09:40	VY103025
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/30/25 09:40	VY103025
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/30/25 09:40	VY103025
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/30/25 09:40	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/30/25 09:40	VY103025
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/30/25 09:40	VY103025
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/30/25 09:40	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.9			63 - 155	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.7			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	49.6			74 - 123	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	41.4			17 - 146	83%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	742000							
540-36-3	1,4-Difluorobenzene	1270000							
3114-55-4	Chlorobenzene-d5	1060000							
3855-82-1	1,4-Dichlorobenzene-d4	423000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	17.0		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
74-87-3	Chloromethane	18.1		1	0.32	1.00	ug/L	10/31/25 10:34	VX103125
75-01-4	Vinyl Chloride	17.4		1	0.26	1.00	ug/L	10/31/25 10:34	VX103125
74-83-9	Bromomethane	20.4		1	1.40	5.00	ug/L	10/31/25 10:34	VX103125
75-00-3	Chloroethane	17.7		1	0.47	1.00	ug/L	10/31/25 10:34	VX103125
75-69-4	Trichlorofluoromethane	17.5		1	0.33	1.00	ug/L	10/31/25 10:34	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
75-35-4	1,1-Dichloroethene	17.7		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
67-64-1	Acetone	90.6		1	1.50	5.00	ug/L	10/31/25 10:34	VX103125
75-15-0	Carbon Disulfide	17.8		1	0.21	1.00	ug/L	10/31/25 10:34	VX103125
1634-04-4	Methyl tert-butyl Ether	18.4		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
79-20-9	Methyl Acetate	16.6		1	0.27	1.00	ug/L	10/31/25 10:34	VX103125
75-09-2	Methylene Chloride	18.5		1	0.28	1.00	ug/L	10/31/25 10:34	VX103125
156-60-5	trans-1,2-Dichloroethene	17.9		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
75-34-3	1,1-Dichloroethane	18.2		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
110-82-7	Cyclohexane	17.7		1	1.50	5.00	ug/L	10/31/25 10:34	VX103125
78-93-3	2-Butanone	92.3		1	0.98	5.00	ug/L	10/31/25 10:34	VX103125
56-23-5	Carbon Tetrachloride	16.9		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
156-59-2	cis-1,2-Dichloroethene	17.8		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125
74-97-5	Bromochloromethane	15.3		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
67-66-3	Chloroform	18.2		1	0.25	1.00	ug/L	10/31/25 10:34	VX103125
71-55-6	1,1,1-Trichloroethane	18.0		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
108-87-2	Methylcyclohexane	16.2		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
71-43-2	Benzene	17.7		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
107-06-2	1,2-Dichloroethane	18.2		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
79-01-6	Trichloroethene	17.4		1	0.090	1.00	ug/L	10/31/25 10:34	VX103125
78-87-5	1,2-Dichloropropane	17.8		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
75-27-4	Bromodichloromethane	18.3		1	0.22	1.00	ug/L	10/31/25 10:34	VX103125
108-10-1	4-Methyl-2-Pentanone	90.4		1	0.68	5.00	ug/L	10/31/25 10:34	VX103125
108-88-3	Toluene	17.8		1	0.14	1.00	ug/L	10/31/25 10:34	VX103125
10061-02-6	t-1,3-Dichloropropene	18.8		1	0.17	1.00	ug/L	10/31/25 10:34	VX103125
10061-01-5	cis-1,3-Dichloropropene	18.7		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
79-00-5	1,1,2-Trichloroethane	17.9		1	0.21	1.00	ug/L	10/31/25 10:34	VX103125
591-78-6	2-Hexanone	88.8		1	0.89	5.00	ug/L	10/31/25 10:34	VX103125
124-48-1	Dibromochloromethane	17.9		1	0.18	1.00	ug/L	10/31/25 10:34	VX103125
106-93-4	1,2-Dibromoethane	17.9		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
127-18-4	Tetrachloroethene	16.1		1	0.23	1.00	ug/L	10/31/25 10:34	VX103125
108-90-7	Chlorobenzene	16.8		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
100-41-4	Ethyl Benzene	16.8		1	0.13	1.00	ug/L	10/31/25 10:34	VX103125
179601-23-1	m/p-Xylenes	34.2		1	0.24	2.00	ug/L	10/31/25 10:34	VX103125
95-47-6	o-Xylene	17.0		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
100-42-5	Styrene	17.1		1	0.15	1.00	ug/L	10/31/25 10:34	VX103125
75-25-2	Bromoform	17.1		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1031WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1031WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	16.5		1	0.12	1.00	ug/L	10/31/25 10:34	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1	0.26	1.00	ug/L	10/31/25 10:34	VX103125
541-73-1	1,3-Dichlorobenzene	16.1		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
106-46-7	1,4-Dichlorobenzene	16.1		1	0.19	1.00	ug/L	10/31/25 10:34	VX103125
95-50-1	1,2-Dichlorobenzene	16.6		1	0.16	1.00	ug/L	10/31/25 10:34	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		1	0.53	1.00	ug/L	10/31/25 10:34	VX103125
120-82-1	1,2,4-Trichlorobenzene	16.2		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
87-61-6	1,2,3-Trichlorobenzene	16.1		1	0.20	1.00	ug/L	10/31/25 10:34	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.7			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.7			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	52.9			86 - 113	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			77 - 121	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	180000							
540-36-3	1,4-Difluorobenzene	315000							
3114-55-4	Chlorobenzene-d5	293000							
3855-82-1	1,4-Dichlorobenzene-d4	147000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1103WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1103WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	17.2		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
74-87-3	Chloromethane	20.5		1	0.32	1.00	ug/L	11/03/25 12:21	VX110325
75-01-4	Vinyl Chloride	19.6		1	0.26	1.00	ug/L	11/03/25 12:21	VX110325
74-83-9	Bromomethane	20.1		1	1.40	5.00	ug/L	11/03/25 12:21	VX110325
75-00-3	Chloroethane	17.0		1	0.47	1.00	ug/L	11/03/25 12:21	VX110325
75-69-4	Trichlorofluoromethane	17.3		1	0.33	1.00	ug/L	11/03/25 12:21	VX110325
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
75-35-4	1,1-Dichloroethene	20.2		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
67-64-1	Acetone	88.6		1	1.50	5.00	ug/L	11/03/25 12:21	VX110325
75-15-0	Carbon Disulfide	16.9		1	0.21	1.00	ug/L	11/03/25 12:21	VX110325
1634-04-4	Methyl tert-butyl Ether	17.4		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
79-20-9	Methyl Acetate	16.0		1	0.27	1.00	ug/L	11/03/25 12:21	VX110325
75-09-2	Methylene Chloride	17.1		1	0.28	1.00	ug/L	11/03/25 12:21	VX110325
156-60-5	trans-1,2-Dichloroethene	16.9		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
75-34-3	1,1-Dichloroethane	17.4		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
110-82-7	Cyclohexane	19.7		1	1.50	5.00	ug/L	11/03/25 12:21	VX110325
78-93-3	2-Butanone	82.0		1	0.98	5.00	ug/L	11/03/25 12:21	VX110325
56-23-5	Carbon Tetrachloride	18.7		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
156-59-2	cis-1,2-Dichloroethene	16.6		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325
74-97-5	Bromochloromethane	19.3		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
67-66-3	Chloroform	18.5		1	0.25	1.00	ug/L	11/03/25 12:21	VX110325
71-55-6	1,1,1-Trichloroethane	19.9		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
108-87-2	Methylcyclohexane	16.6		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
71-43-2	Benzene	19.2		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
107-06-2	1,2-Dichloroethane	18.2		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
79-01-6	Trichloroethene	17.5		1	0.090	1.00	ug/L	11/03/25 12:21	VX110325
78-87-5	1,2-Dichloropropane	17.1		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
75-27-4	Bromodichloromethane	18.3		1	0.22	1.00	ug/L	11/03/25 12:21	VX110325
108-10-1	4-Methyl-2-Pentanone	86.6		1	0.68	5.00	ug/L	11/03/25 12:21	VX110325
108-88-3	Toluene	17.6		1	0.14	1.00	ug/L	11/03/25 12:21	VX110325
10061-02-6	t-1,3-Dichloropropene	19.0		1	0.17	1.00	ug/L	11/03/25 12:21	VX110325
10061-01-5	cis-1,3-Dichloropropene	18.4		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
79-00-5	1,1,2-Trichloroethane	18.0		1	0.21	1.00	ug/L	11/03/25 12:21	VX110325
591-78-6	2-Hexanone	86.4		1	0.89	5.00	ug/L	11/03/25 12:21	VX110325
124-48-1	Dibromochloromethane	18.2		1	0.18	1.00	ug/L	11/03/25 12:21	VX110325
106-93-4	1,2-Dibromoethane	17.8		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
127-18-4	Tetrachloroethene	19.8		1	0.23	1.00	ug/L	11/03/25 12:21	VX110325
108-90-7	Chlorobenzene	20.7		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
100-41-4	Ethyl Benzene	20.5		1	0.13	1.00	ug/L	11/03/25 12:21	VX110325
179601-23-1	m/p-Xylenes	42.2		1	0.24	2.00	ug/L	11/03/25 12:21	VX110325
95-47-6	o-Xylene	20.7		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
100-42-5	Styrene	21.2		1	0.15	1.00	ug/L	11/03/25 12:21	VX110325
75-25-2	Bromoform	21.3		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VX1103WBS01			SDG No.:	Q3495
Lab Sample ID:	VX1103WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.5		1	0.12	1.00	ug/L	11/03/25 12:21	VX110325
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1	0.26	1.00	ug/L	11/03/25 12:21	VX110325
541-73-1	1,3-Dichlorobenzene	19.7		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
106-46-7	1,4-Dichlorobenzene	20.2		1	0.19	1.00	ug/L	11/03/25 12:21	VX110325
95-50-1	1,2-Dichlorobenzene	20.3		1	0.16	1.00	ug/L	11/03/25 12:21	VX110325
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		1	0.53	1.00	ug/L	11/03/25 12:21	VX110325
120-82-1	1,2,4-Trichlorobenzene	19.6		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
87-61-6	1,2,3-Trichlorobenzene	20.2		1	0.20	1.00	ug/L	11/03/25 12:21	VX110325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.1			74 - 125	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	43.8			86 - 113	88%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.5			77 - 121	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	288000							
3114-55-4	Chlorobenzene-d5	218000							
3855-82-1	1,4-Dichlorobenzene-d4	111000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBS01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.0		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
74-87-3	Chloromethane	20.3		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
74-83-9	Bromomethane	20.5		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-00-3	Chloroethane	21.2		1	1.30	5.00	ug/Kg	10/30/25 10:36	VY103025
75-69-4	Trichlorofluoromethane	20.8		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	23.0		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
75-35-4	1,1-Dichloroethene	22.1		1	1.00	5.00	ug/Kg	10/30/25 10:36	VY103025
67-64-1	Acetone	140		1	4.70	25.0	ug/Kg	10/30/25 10:36	VY103025
75-15-0	Carbon Disulfide	20.8		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
1634-04-4	Methyl tert-butyl Ether	20.4		1	0.73	5.00	ug/Kg	10/30/25 10:36	VY103025
79-20-9	Methyl Acetate	18.4		1	1.50	5.00	ug/Kg	10/30/25 10:36	VY103025
75-09-2	Methylene Chloride	21.1		1	3.50	10.0	ug/Kg	10/30/25 10:36	VY103025
156-60-5	trans-1,2-Dichloroethene	21.9		1	0.86	5.00	ug/Kg	10/30/25 10:36	VY103025
75-34-3	1,1-Dichloroethane	23.1		1	0.80	5.00	ug/Kg	10/30/25 10:36	VY103025
110-82-7	Cyclohexane	21.9		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	10/30/25 10:36	VY103025
56-23-5	Carbon Tetrachloride	23.1		1	0.97	5.00	ug/Kg	10/30/25 10:36	VY103025
156-59-2	cis-1,2-Dichloroethene	22.5		1	0.75	5.00	ug/Kg	10/30/25 10:36	VY103025
74-97-5	Bromochloromethane	22.4		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
67-66-3	Chloroform	23.2		1	0.84	5.00	ug/Kg	10/30/25 10:36	VY103025
71-55-6	1,1,1-Trichloroethane	23.3		1	0.93	5.00	ug/Kg	10/30/25 10:36	VY103025
108-87-2	Methylcyclohexane	21.6		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
71-43-2	Benzene	23.3		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
107-06-2	1,2-Dichloroethane	22.1		1	0.79	5.00	ug/Kg	10/30/25 10:36	VY103025
79-01-6	Trichloroethene	22.6		1	0.81	5.00	ug/Kg	10/30/25 10:36	VY103025
78-87-5	1,2-Dichloropropane	23.3		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
75-27-4	Bromodichloromethane	22.7		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	10/30/25 10:36	VY103025
108-88-3	Toluene	23.0		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
10061-02-6	t-1,3-Dichloropropene	21.3		1	0.65	5.00	ug/Kg	10/30/25 10:36	VY103025
10061-01-5	cis-1,3-Dichloropropene	22.1		1	0.62	5.00	ug/Kg	10/30/25 10:36	VY103025
79-00-5	1,1,2-Trichloroethane	22.2		1	0.92	5.00	ug/Kg	10/30/25 10:36	VY103025
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/30/25 10:36	VY103025
124-48-1	Dibromochloromethane	21.7		1	0.87	5.00	ug/Kg	10/30/25 10:36	VY103025
106-93-4	1,2-Dibromoethane	21.0		1	0.88	5.00	ug/Kg	10/30/25 10:36	VY103025
127-18-4	Tetrachloroethene	22.4		1	1.10	5.00	ug/Kg	10/30/25 10:36	VY103025
108-90-7	Chlorobenzene	22.6		1	0.91	5.00	ug/Kg	10/30/25 10:36	VY103025
100-41-4	Ethyl Benzene	22.7		1	0.67	5.00	ug/Kg	10/30/25 10:36	VY103025
179601-23-1	m/p-Xylenes	46.0		1	1.20	10.0	ug/Kg	10/30/25 10:36	VY103025
95-47-6	o-Xylene	22.3		1	0.82	5.00	ug/Kg	10/30/25 10:36	VY103025
100-42-5	Styrene	22.6		1	0.71	5.00	ug/Kg	10/30/25 10:36	VY103025
75-25-2	Bromoform	21.2		1	0.86	5.00	ug/Kg	10/30/25 10:36	VY103025

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBS01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.8		1	0.78	5.00	ug/Kg	10/30/25 10:36	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1	1.20	5.00	ug/Kg	10/30/25 10:36	VY103025
541-73-1	1,3-Dichlorobenzene	22.4		1	1.70	5.00	ug/Kg	10/30/25 10:36	VY103025
106-46-7	1,4-Dichlorobenzene	22.3		1	1.60	5.00	ug/Kg	10/30/25 10:36	VY103025
95-50-1	1,2-Dichlorobenzene	22.2		1	1.50	5.00	ug/Kg	10/30/25 10:36	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1	1.80	5.00	ug/Kg	10/30/25 10:36	VY103025
120-82-1	1,2,4-Trichlorobenzene	20.6		1	3.00	5.00	ug/Kg	10/30/25 10:36	VY103025
87-61-6	1,2,3-Trichlorobenzene	19.8		1	3.20	5.00	ug/Kg	10/30/25 10:36	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	48.8			63 - 155	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.5			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	50.4			74 - 123	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			17 - 146	100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	460000							
540-36-3	1,4-Difluorobenzene	680000							
3114-55-4	Chlorobenzene-d5	589000							
3855-82-1	1,4-Dichlorobenzene-d4	307000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	VX1031WBSD01	SDG No.:	Q3495
Lab Sample ID:	VX1031WBSD01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.5		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
74-87-3	Chloromethane	19.4		1	0.32	1.00	ug/L	10/31/25 11:00	VX103125
75-01-4	Vinyl Chloride	18.2		1	0.26	1.00	ug/L	10/31/25 11:00	VX103125
74-83-9	Bromomethane	21.1		1	1.40	5.00	ug/L	10/31/25 11:00	VX103125
75-00-3	Chloroethane	17.8		1	0.47	1.00	ug/L	10/31/25 11:00	VX103125
75-69-4	Trichlorofluoromethane	18.4		1	0.33	1.00	ug/L	10/31/25 11:00	VX103125
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
75-35-4	1,1-Dichloroethene	18.5		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
67-64-1	Acetone	95.9		1	1.50	5.00	ug/L	10/31/25 11:00	VX103125
75-15-0	Carbon Disulfide	18.6		1	0.21	1.00	ug/L	10/31/25 11:00	VX103125
1634-04-4	Methyl tert-butyl Ether	18.9		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
79-20-9	Methyl Acetate	17.7		1	0.27	1.00	ug/L	10/31/25 11:00	VX103125
75-09-2	Methylene Chloride	18.8		1	0.28	1.00	ug/L	10/31/25 11:00	VX103125
156-60-5	trans-1,2-Dichloroethene	18.6		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
75-34-3	1,1-Dichloroethane	18.8		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
110-82-7	Cyclohexane	19.2		1	1.50	5.00	ug/L	10/31/25 11:00	VX103125
78-93-3	2-Butanone	99.3		1	0.98	5.00	ug/L	10/31/25 11:00	VX103125
56-23-5	Carbon Tetrachloride	18.4		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
156-59-2	cis-1,2-Dichloroethene	18.6		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125
74-97-5	Bromochloromethane	15.7		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
67-66-3	Chloroform	19.2		1	0.25	1.00	ug/L	10/31/25 11:00	VX103125
71-55-6	1,1,1-Trichloroethane	18.9		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
108-87-2	Methylcyclohexane	18.6		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
71-43-2	Benzene	19.1		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
107-06-2	1,2-Dichloroethane	18.8		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	10/31/25 11:00	VX103125
78-87-5	1,2-Dichloropropane	18.9		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
75-27-4	Bromodichloromethane	19.0		1	0.22	1.00	ug/L	10/31/25 11:00	VX103125
108-10-1	4-Methyl-2-Pentanone	98.2		1	0.68	5.00	ug/L	10/31/25 11:00	VX103125
108-88-3	Toluene	19.2		1	0.14	1.00	ug/L	10/31/25 11:00	VX103125
10061-02-6	t-1,3-Dichloropropene	20.2		1	0.17	1.00	ug/L	10/31/25 11:00	VX103125
10061-01-5	cis-1,3-Dichloropropene	20.1		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	1.00	ug/L	10/31/25 11:00	VX103125
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	10/31/25 11:00	VX103125
124-48-1	Dibromochloromethane	19.5		1	0.18	1.00	ug/L	10/31/25 11:00	VX103125
106-93-4	1,2-Dibromoethane	19.9		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
127-18-4	Tetrachloroethene	19.0		1	0.23	1.00	ug/L	10/31/25 11:00	VX103125
108-90-7	Chlorobenzene	19.0		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
100-41-4	Ethyl Benzene	19.1		1	0.13	1.00	ug/L	10/31/25 11:00	VX103125
179601-23-1	m/p-Xylenes	38.6		1	0.24	2.00	ug/L	10/31/25 11:00	VX103125
95-47-6	o-Xylene	19.3		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
100-42-5	Styrene	19.6		1	0.15	1.00	ug/L	10/31/25 11:00	VX103125
75-25-2	Bromoform	19.6		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	VX1031WBSD01	SDG No.:	Q3495
Lab Sample ID:	VX1031WBSD01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.2		1	0.12	1.00	ug/L	10/31/25 11:00	VX103125
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1	0.26	1.00	ug/L	10/31/25 11:00	VX103125
541-73-1	1,3-Dichlorobenzene	18.8		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
106-46-7	1,4-Dichlorobenzene	18.7		1	0.19	1.00	ug/L	10/31/25 11:00	VX103125
95-50-1	1,2-Dichlorobenzene	19.2		1	0.16	1.00	ug/L	10/31/25 11:00	VX103125
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1	0.53	1.00	ug/L	10/31/25 11:00	VX103125
120-82-1	1,2,4-Trichlorobenzene	18.8		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
87-61-6	1,2,3-Trichlorobenzene	19.3		1	0.20	1.00	ug/L	10/31/25 11:00	VX103125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	50.8			86 - 113	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.7			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	162000							
540-36-3	1,4-Difluorobenzene	275000							
3114-55-4	Chlorobenzene-d5	245000							
3855-82-1	1,4-Dichlorobenzene-d4	121000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBSD01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
74-87-3	Chloromethane	20.8		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-01-4	Vinyl Chloride	21.3		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
74-83-9	Bromomethane	21.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-00-3	Chloroethane	22.1		1	1.30	5.00	ug/Kg	10/30/25 11:09	VY103025
75-69-4	Trichlorofluoromethane	22.3		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
76-13-1	1,1,2-Trichlorotrifluoroethane	24.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
75-35-4	1,1-Dichloroethene	22.6		1	1.00	5.00	ug/Kg	10/30/25 11:09	VY103025
67-64-1	Acetone	150		1	4.70	25.0	ug/Kg	10/30/25 11:09	VY103025
75-15-0	Carbon Disulfide	21.7		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
1634-04-4	Methyl tert-butyl Ether	21.5		1	0.73	5.00	ug/Kg	10/30/25 11:09	VY103025
79-20-9	Methyl Acetate	20.1		1	1.50	5.00	ug/Kg	10/30/25 11:09	VY103025
75-09-2	Methylene Chloride	22.1		1	3.50	10.0	ug/Kg	10/30/25 11:09	VY103025
156-60-5	trans-1,2-Dichloroethene	23.1		1	0.86	5.00	ug/Kg	10/30/25 11:09	VY103025
75-34-3	1,1-Dichloroethane	24.3		1	0.80	5.00	ug/Kg	10/30/25 11:09	VY103025
110-82-7	Cyclohexane	22.1		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
78-93-3	2-Butanone	130		1	6.50	25.0	ug/Kg	10/30/25 11:09	VY103025
56-23-5	Carbon Tetrachloride	24.0		1	0.97	5.00	ug/Kg	10/30/25 11:09	VY103025
156-59-2	cis-1,2-Dichloroethene	23.1		1	0.75	5.00	ug/Kg	10/30/25 11:09	VY103025
74-97-5	Bromochloromethane	23.2		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
67-66-3	Chloroform	24.4		1	0.84	5.00	ug/Kg	10/30/25 11:09	VY103025
71-55-6	1,1,1-Trichloroethane	24.3		1	0.93	5.00	ug/Kg	10/30/25 11:09	VY103025
108-87-2	Methylcyclohexane	22.9		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
71-43-2	Benzene	24.1		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
107-06-2	1,2-Dichloroethane	23.3		1	0.79	5.00	ug/Kg	10/30/25 11:09	VY103025
79-01-6	Trichloroethene	23.4		1	0.81	5.00	ug/Kg	10/30/25 11:09	VY103025
78-87-5	1,2-Dichloropropane	24.6		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
75-27-4	Bromodichloromethane	23.9		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	10/30/25 11:09	VY103025
108-88-3	Toluene	24.3		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
10061-02-6	t-1,3-Dichloropropene	22.3		1	0.65	5.00	ug/Kg	10/30/25 11:09	VY103025
10061-01-5	cis-1,3-Dichloropropene	23.8		1	0.62	5.00	ug/Kg	10/30/25 11:09	VY103025
79-00-5	1,1,2-Trichloroethane	23.4		1	0.92	5.00	ug/Kg	10/30/25 11:09	VY103025
591-78-6	2-Hexanone	120		1	3.70	25.0	ug/Kg	10/30/25 11:09	VY103025
124-48-1	Dibromochloromethane	23.0		1	0.87	5.00	ug/Kg	10/30/25 11:09	VY103025
106-93-4	1,2-Dibromoethane	22.6		1	0.88	5.00	ug/Kg	10/30/25 11:09	VY103025
127-18-4	Tetrachloroethene	23.0		1	1.10	5.00	ug/Kg	10/30/25 11:09	VY103025
108-90-7	Chlorobenzene	23.4		1	0.91	5.00	ug/Kg	10/30/25 11:09	VY103025
100-41-4	Ethyl Benzene	23.6		1	0.67	5.00	ug/Kg	10/30/25 11:09	VY103025
179601-23-1	m/p-Xylenes	47.8		1	1.20	10.0	ug/Kg	10/30/25 11:09	VY103025
95-47-6	o-Xylene	23.5		1	0.82	5.00	ug/Kg	10/30/25 11:09	VY103025
100-42-5	Styrene	23.3		1	0.71	5.00	ug/Kg	10/30/25 11:09	VY103025
75-25-2	Bromoform	22.2		1	0.86	5.00	ug/Kg	10/30/25 11:09	VY103025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	VY1030SBSD01			SDG No.:	Q3495
Lab Sample ID:	VY1030SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	23.9		1	0.78	5.00	ug/Kg	10/30/25 11:09	VY103025
79-34-5	1,1,2,2-Tetrachloroethane	22.5		1	1.20	5.00	ug/Kg	10/30/25 11:09	VY103025
541-73-1	1,3-Dichlorobenzene	23.5		1	1.70	5.00	ug/Kg	10/30/25 11:09	VY103025
106-46-7	1,4-Dichlorobenzene	23.5		1	1.60	5.00	ug/Kg	10/30/25 11:09	VY103025
95-50-1	1,2-Dichlorobenzene	23.2		1	1.50	5.00	ug/Kg	10/30/25 11:09	VY103025
96-12-8	1,2-Dibromo-3-Chloropropane	21.4		1	1.80	5.00	ug/Kg	10/30/25 11:09	VY103025
120-82-1	1,2,4-Trichlorobenzene	21.7		1	3.00	5.00	ug/Kg	10/30/25 11:09	VY103025
87-61-6	1,2,3-Trichlorobenzene	21.5		1	3.20	5.00	ug/Kg	10/30/25 11:09	VY103025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.8			63 - 155	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.1			70 - 134	108%	SPK: 50		
2037-26-5	Toluene-d8	53.1			74 - 123	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.9			17 - 146	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	451000							
540-36-3	1,4-Difluorobenzene	658000							
3114-55-4	Chlorobenzene-d5	579000							
3855-82-1	1,4-Dichlorobenzene-d4	301000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_X Calibration Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:12 13:03

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048407.D RRF005 = VX048408.D RRF020 = VX048409.D
RRF050 = VX048410.D RRF100 = VX048411.D RRF150 = VX048412.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.488	0.487	0.477	0.539	0.504	0.565	0.510	6.8
Chloromethane	0.366	0.263	0.275	0.271	0.274	0.277	0.288	13.5
Vinyl Chloride	0.639	0.647	0.642	0.666	0.677	0.718	0.665	4.5
Bromomethane		0.254	0.257	0.242	0.237	0.210	0.240	7.8
Chloroethane	0.405	0.394	0.382	0.391	0.398	0.402	0.395	2.1
Trichlorofluoromethane	0.984	1.004	0.981	1.036	1.006	1.100	1.019	4.4
1,1,2-Trichlorotrifluoroethane	0.542	0.569	0.546	0.589	0.565	0.626	0.573	5.4
1,1-Dichloroethene	0.573	0.559	0.559	0.581	0.591	0.628	0.582	4.4
Acetone	0.176	0.136	0.156	0.159	0.176	0.175	0.163	9.8
Carbon Disulfide	1.871	1.692	1.629	1.676	1.568	1.577	1.669	6.7
Methyl tert-butyl Ether	1.967	1.753	1.815	1.763	1.975	1.908	1.864	5.4
Methyl Acetate	0.578	0.474	0.488	0.494	0.612	0.625	0.545	12.4
Methylene Chloride	0.660	0.613	0.619	0.598	0.651	0.628	0.628	3.7
trans-1,2-Dichloroethene	0.614	0.604	0.610	0.606	0.632	0.643	0.618	2.5
1,1-Dichloroethane	1.130	1.140	1.127	1.106	1.190	1.176	1.145	2.8
Cyclohexane		0.962	0.968	1.011	0.964	1.063	0.994	4.4
2-Butanone	0.257	0.225	0.261	0.257	0.287	0.275	0.260	8.1
Carbon Tetrachloride	0.578	0.562	0.528	0.559	0.517	0.572	0.553	4.4
cis-1,2-Dichloroethene	0.756	0.717	0.709	0.712	0.771	0.761	0.738	3.8
Bromochloromethane	0.465	0.513	0.556	0.513	0.519	0.546	0.519	6.2
Chloroform	1.200	1.176	1.167	1.131	1.212	1.180	1.178	2.4
1,1,1-Trichloroethane	1.030	1.024	1.013	1.030	1.057	1.084	1.040	2.5
Methylcyclohexane	0.578	0.604	0.565	0.665	0.585	0.696	0.616	8.5
Benzene	1.397	1.464	1.457	1.472	1.461	1.524	1.462	2.8
1,2-Dichloroethane	0.521	0.520	0.519	0.501	0.514	0.515	0.515	1.5
Trichloroethene	0.365	0.399	0.368	0.381	0.379	0.406	0.383	4.3
1,2-Dichloropropane	0.367	0.357	0.359	0.362	0.369	0.377	0.365	2
Bromodichloromethane	0.542	0.553	0.536	0.538	0.542	0.550	0.543	1.2
4-Methyl-2-Pentanone	0.366	0.355	0.373	0.375	0.391	0.388	0.375	3.5
Toluene	0.864	0.918	0.902	0.931	0.914	0.955	0.914	3.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_X | Calibration Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N | Calibration Time(s): 11:12 13:03

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048407.D RRF005 = VX048408.D RRF020 = VX048409.D
RRF050 = VX048410.D RRF100 = VX048411.D RRF150 = VX048412.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.463	0.491	0.510	0.496	0.501	0.493	0.492	3.2
cis-1,3-Dichloropropene	0.549	0.525	0.558	0.524	0.522	0.506	0.531	3.7
1,1,2-Trichloroethane	0.329	0.330	0.332	0.326	0.333	0.334	0.331	1
2-Hexanone	0.219	0.217	0.248	0.251	0.264	0.263	0.244	8.6
Dibromochloromethane	0.405	0.408	0.403	0.408	0.412	0.418	0.409	1.3
1,2-Dibromoethane	0.340	0.338	0.338	0.341	0.349	0.347	0.342	1.3
Tetrachloroethene	0.433	0.411	0.384	0.402	0.376	0.410	0.403	5.1
Chlorobenzene	1.135	1.174	1.118	1.150	1.154	1.179	1.152	2
Ethyl Benzene	1.825	1.909	1.888	1.994	1.951	2.070	1.940	4.4
m/p-Xylenes	0.663	0.731	0.718	0.773	0.744	0.777	0.734	5.7
o-Xylene	0.636	0.689	0.686	0.729	0.721	0.750	0.702	5.8
Styrene	1.059	1.139	1.180	1.235	1.247	1.273	1.189	6.7
Bromoform	0.284	0.268	0.267	0.281	0.299	0.302	0.283	5.2
Isopropylbenzene	3.372	3.599	3.592	3.841	3.700	4.085	3.698	6.6
1,1,2,2-Tetrachloroethane	0.915	0.919	0.914	0.929	0.956	0.988	0.937	3.2
1,3-Dichlorobenzene	1.911	1.733	1.660	1.690	1.666	1.807	1.745	5.6
1,4-Dichlorobenzene	1.948	1.824	1.666	1.710	1.684	1.829	1.777	6.2
1,2-Dichlorobenzene	1.618	1.609	1.565	1.589	1.607	1.712	1.617	3.1
1,2-Dibromo-3-Chloropropane	0.181	0.156	0.171	0.187	0.195	0.210	0.183	10.2
1,2,4-Trichlorobenzene	1.140	1.040	1.045	1.112	1.124	1.232	1.116	6.3
1,2,3-Trichlorobenzene	0.981	0.937	0.957	1.033	1.029	1.143	1.013	7.3
1,2-Dichloroethane-d4		0.765	0.689	0.674	0.728	0.739	0.719	5.2
Dibromofluoromethane		0.300	0.260	0.276	0.283	0.307	0.285	6.6
Toluene-d8		1.333	1.191	1.222	1.207	1.339	1.258	5.7
4-Bromofluorobenzene		0.537	0.437	0.446	0.449	0.485	0.471	8.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_Y | Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_Y | Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_X | Calibration Date/Time: 10/31/2025 09:18

Lab File ID: VX048416.D | Init. Calib. Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 11:12 13:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.510	0.491		-3.72	20
Chloromethane	0.288	0.299	0.1	3.82	20
Vinyl Chloride	0.665	0.662		-0.45	20
Bromomethane	0.240	0.266		10.83	20
Chloroethane	0.395	0.399		1.01	20
Trichlorofluoromethane	1.019	1.008		-1.08	20
1,1,2-Trichlorotrifluoroethane	0.573	0.561		-2.09	20
1,1-Dichloroethene	0.582	0.580		-0.34	20
Acetone	0.163	0.165		1.23	20
Carbon Disulfide	1.669	1.663		-0.36	20
Methyl tert-butyl Ether	1.864	1.945		4.34	20
Methyl Acetate	0.545	0.550		0.92	20
Methylene Chloride	0.628	0.649		3.34	20
trans-1,2-Dichloroethene	0.618	0.617		-0.16	20
1,1-Dichloroethane	1.145	1.159	0.1	1.22	20
Cyclohexane	0.994	0.947		-4.73	20
2-Butanone	0.260	0.267		2.69	20
Carbon Tetrachloride	0.553	0.533		-3.62	20
cis-1,2-Dichloroethene	0.738	0.747		1.22	20
Bromochloromethane	0.519	0.545		5.01	20
Chloroform	1.178	1.172		-0.51	20
1,1,1-Trichloroethane	1.040	1.037		-0.29	20
Methylcyclohexane	0.616	0.581		-5.68	20
Benzene	1.462	1.472		0.68	20
1,2-Dichloroethane	0.515	0.527		2.33	20
Trichloroethene	0.383	0.385		0.52	20
1,2-Dichloropropane	0.365	0.369		1.1	20
Bromodichloromethane	0.543	0.565		4.05	20
4-Methyl-2-Pentanone	0.375	0.386		2.93	20
Toluene	0.914	0.927		1.42	20
t-1,3-Dichloropropene	0.492	0.530		7.72	20
cis-1,3-Dichloropropene	0.531	0.563		6.03	20
1,1,2-Trichloroethane	0.331	0.339		2.42	20
2-Hexanone	0.244	0.251		2.87	20
Dibromochloromethane	0.409	0.421		2.93	20
1,2-Dibromoethane	0.342	0.354		3.51	20
Tetrachloroethene	0.403	0.390		-3.23	20
Chlorobenzene	1.152	1.128	0.3	-2.08	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_X | Calibration Date/Time: 10/31/2025 09:18

Lab File ID: VX048416.D | Init. Calib. Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 11:12 13:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.940	1.943		0.16	20
m/p-Xylenes	0.734	0.741		0.95	20
o-Xylene	0.702	0.709		1	20
Styrene	1.189	1.233		3.7	20
Bromoform	0.283	0.294	0.1	3.89	20
Isopropylbenzene	3.698	3.720		0.6	20
1,1,2,2-Tetrachloroethane	0.937	0.939	0.3	0.21	20
1,3-Dichlorobenzene	1.745	1.669		-4.36	20
1,4-Dichlorobenzene	1.777	1.704		-4.11	20
1,2-Dichlorobenzene	1.617	1.627		0.62	20
1,2-Dibromo-3-Chloropropane	0.183	0.187		2.19	20
1,2,4-Trichlorobenzene	1.116	1.103		-1.16	20
1,2,3-Trichlorobenzene	1.013	1.022		0.89	20
1,2-Dichloroethane-d4	0.719	0.743		3.34	20
Dibromofluoromethane	0.285	0.296		3.86	20
Toluene-d8	1.258	1.277		1.51	20
4-Bromofluorobenzene	0.471	0.470		-0.21	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_X
Calibration Date/Time: 11/03/2025 09:14
Lab File ID: VX048445.D
Init. Calib. Date(s): 10/29/2025 10/29/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 11:12 13:03
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.510	0.440		-13.73	20
Chloromethane	0.288	0.260	0.1	-9.72	20
Vinyl Chloride	0.665	0.635		-4.51	20
Bromomethane	0.240	0.250		4.17	20
Chloroethane	0.395	0.378		-4.3	20
Trichlorofluoromethane	1.019	0.953		-6.48	20
1,1,2-Trichlorotrifluoroethane	0.573	0.569		-0.7	20
1,1-Dichloroethene	0.582	0.593		1.89	20
Acetone	0.163	0.156		-4.29	20
Carbon Disulfide	1.669	1.411		-15.46	20
Methyl tert-butyl Ether	1.864	1.651		-11.43	20
Methyl Acetate	0.545	0.458		-15.96	20
Methylene Chloride	0.628	0.543		-13.53	20
trans-1,2-Dichloroethene	0.618	0.522		-15.53	20
1,1-Dichloroethane	1.145	0.990	0.1	-13.54	20
Cyclohexane	0.994	0.888		-10.66	20
2-Butanone	0.260	0.218		-16.15	20
Carbon Tetrachloride	0.553	0.609		10.13	20
cis-1,2-Dichloroethene	0.738	0.611		-17.21	20
Bromochloromethane	0.519	0.550		5.97	20
Chloroform	1.178	1.091		-7.39	20
1,1,1-Trichloroethane	1.040	1.003		-3.56	20
Methylcyclohexane	0.616	0.548		-11.04	20
Benzene	1.462	1.691		15.66	20
1,2-Dichloroethane	0.515	0.594		15.34	20
Trichloroethene	0.383	0.366		-4.44	20
1,2-Dichloropropane	0.365	0.354		-3.01	20
Bromodichloromethane	0.543	0.581		7	20
4-Methyl-2-Pentanone	0.375	0.363		-3.2	20
Toluene	0.914	0.880		-3.72	20
t-1,3-Dichloropropene	0.492	0.517		5.08	20
cis-1,3-Dichloropropene	0.531	0.542		2.07	20
1,1,2-Trichloroethane	0.331	0.322		-2.72	20
2-Hexanone	0.244	0.235		-3.69	20
Dibromochloromethane	0.409	0.419		2.44	20
1,2-Dibromoethane	0.342	0.342		0	20
Tetrachloroethene	0.403	0.374		-7.2	20
Chlorobenzene	1.152	1.076	0.3	-6.6	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: MSVOA_X Calibration Date/Time: 11/03/2025 09:14

Lab File ID: VX048445.D Init. Calib. Date(s): 10/29/2025 10/29/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:12 13:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.940	1.879		-3.14	20
m/p-Xylenes	0.734	0.704		-4.09	20
o-Xylene	0.702	0.676		-3.7	20
Styrene	1.189	1.172		-1.43	20
Bromoform	0.283	0.286	0.1	1.06	20
Isopropylbenzene	3.698	4.029		8.95	20
1,1,2,2-Tetrachloroethane	0.937	1.000	0.3	6.72	20
1,3-Dichlorobenzene	1.745	1.647		-5.62	20
1,4-Dichlorobenzene	1.777	1.651		-7.09	20
1,2-Dichlorobenzene	1.617	1.555		-3.83	20
1,2-Dibromo-3-Chloropropane	0.183	0.179		-2.19	20
1,2,4-Trichlorobenzene	1.116	1.006		-9.86	20
1,2,3-Trichlorobenzene	1.013	0.928		-8.39	20
1,2-Dichloroethane-d4	0.719	0.649		-9.74	20
Dibromofluoromethane	0.285	0.346		21.4	20
Toluene-d8	1.258	1.255		-0.24	20
4-Bromofluorobenzene	0.471	0.531		12.74	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG No.: Q3495
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/30/2025 09:09
Lab File ID: VY023620.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.303		-15.83	20
Chloromethane	0.490	0.436	0.1	-11.02	20
Vinyl Chloride	0.639	0.588		-7.98	20
Bromomethane	0.536	0.474		-11.57	20
Chloroethane	0.435	0.429		-1.38	20
Trichlorofluoromethane	0.887	0.867		-2.26	20
1,1,2-Trichlorotrifluoroethane	0.460	0.498		8.26	20
1,1-Dichloroethene	0.446	0.450		0.9	20
Acetone	0.100	0.114		14	20
Carbon Disulfide	1.277	1.196		-6.34	20
Methyl tert-butyl Ether	1.072	1.141		6.44	20
Methyl Acetate	0.261	0.335		28.35	20
Methylene Chloride	0.538	0.526		-2.23	20
trans-1,2-Dichloroethene	0.491	0.523		6.52	20
1,1-Dichloroethane	0.796	0.880	0.1	10.55	20
Cyclohexane	0.696	0.681		-2.15	20
2-Butanone	0.122	0.129		5.74	20
Carbon Tetrachloride	0.493	0.554		12.37	20
cis-1,2-Dichloroethene	0.567	0.626		10.41	20
Bromochloromethane	0.297	0.290		-2.36	20
Chloroform	0.875	0.986		12.69	20
1,1,1-Trichloroethane	0.795	0.874		9.94	20
Methylcyclohexane	0.530	0.559		5.47	20
Benzene	1.288	1.457		13.12	20
1,2-Dichloroethane	0.332	0.373		12.35	20
Trichloroethene	0.377	0.410		8.75	20
1,2-Dichloropropane	0.285	0.332		16.49	20
Bromodichloromethane	0.453	0.524		15.67	20
4-Methyl-2-Pentanone	0.166	0.189		13.85	20
Toluene	0.836	0.960		14.83	20
t-1,3-Dichloropropene	0.394	0.445		12.94	20
cis-1,3-Dichloropropene	0.465	0.532		14.41	20
1,1,2-Trichloroethane	0.242	0.277		14.46	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.387		14.16	20
1,2-Dibromoethane	0.231	0.257		11.26	20
Tetrachloroethene	0.516	0.576		11.63	20
Chlorobenzene	1.087	1.232	0.3	13.34	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG No.: Q3495

Instrument ID: MSVOA_Y | Calibration Date/Time: 10/30/2025 09:09

Lab File ID: VY023620.D | Init. Calib. Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:17 12:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	2.073		17.78	20
m/p-Xylenes	0.706	0.832		17.85	20
o-Xylene	0.662	0.774		16.92	20
Styrene	1.089	1.309		20.2	20
Bromoform	0.240	0.266	0.1	10.83	20
Isopropylbenzene	3.295	3.804		15.45	20
1,1,2,2-Tetrachloroethane	0.539	0.587	0.3	8.9	20
1,3-Dichlorobenzene	1.706	1.881		10.26	20
1,4-Dichlorobenzene	1.685	1.842		9.32	20
1,2-Dichlorobenzene	1.496	1.633		9.16	20
1,2-Dibromo-3-Chloropropane	0.088	0.090		2.27	20
1,2,4-Trichlorobenzene	0.932	0.962		3.22	20
1,2,3-Trichlorobenzene	0.808	0.817		1.11	20
1,2-Dichloroethane-d4	0.418	0.409		-2.15	20
Dibromofluoromethane	0.307	0.319		3.91	20
Toluene-d8	1.144	1.180		3.15	20
4-Bromofluorobenzene	0.378	0.397		5.03	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Time: Oct 31 02:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	765269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1282589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1076446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	427496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	338260	52.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.720%			
35) Dibromofluoromethane	7.640	113	396330	50.290	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.580%			
50) Toluene-d8	10.109	98	1449464	49.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.780%			
62) 4-Bromofluorobenzene	12.408	95	410881	42.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.800%			

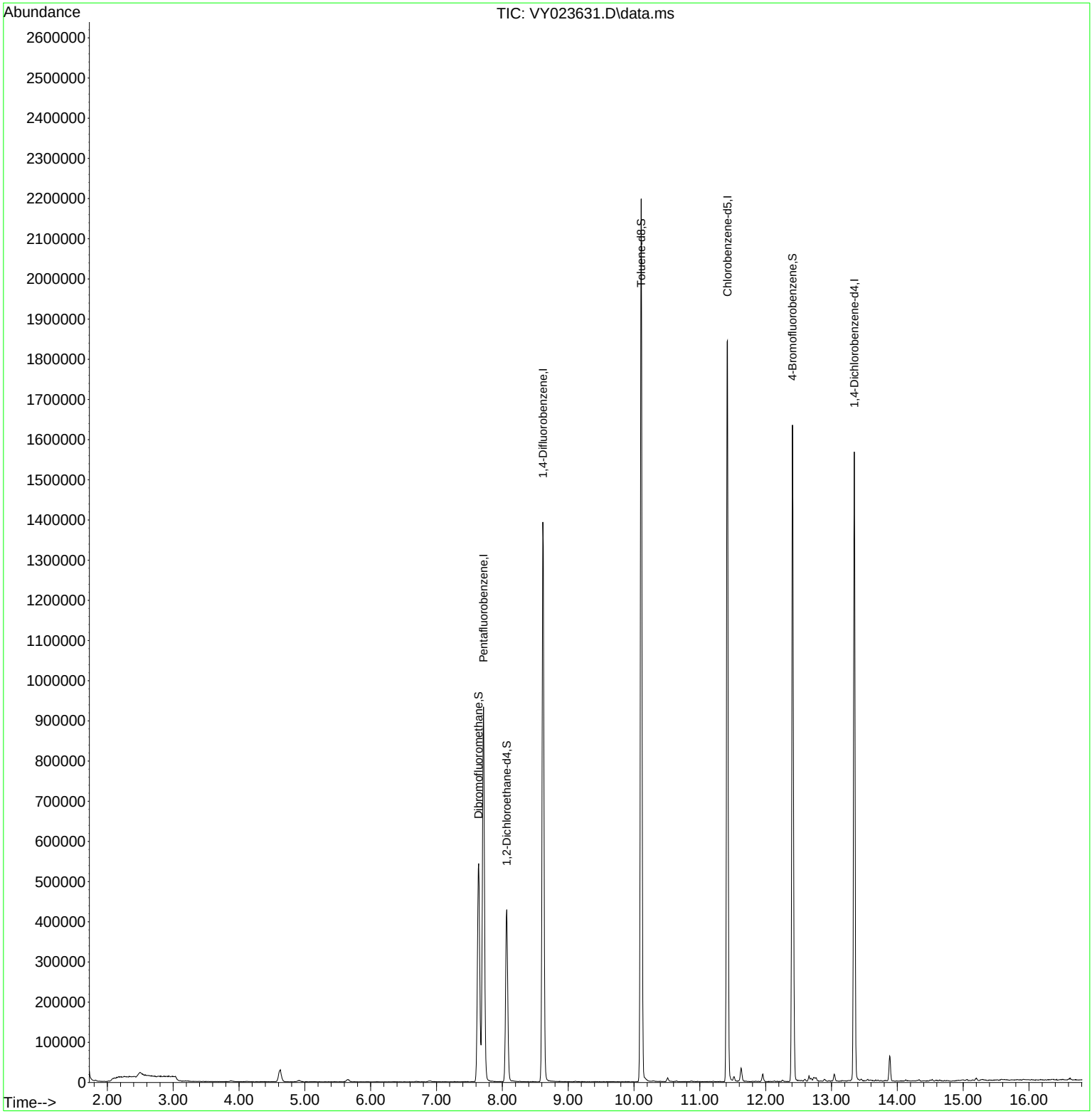
Target Compounds Qvalue

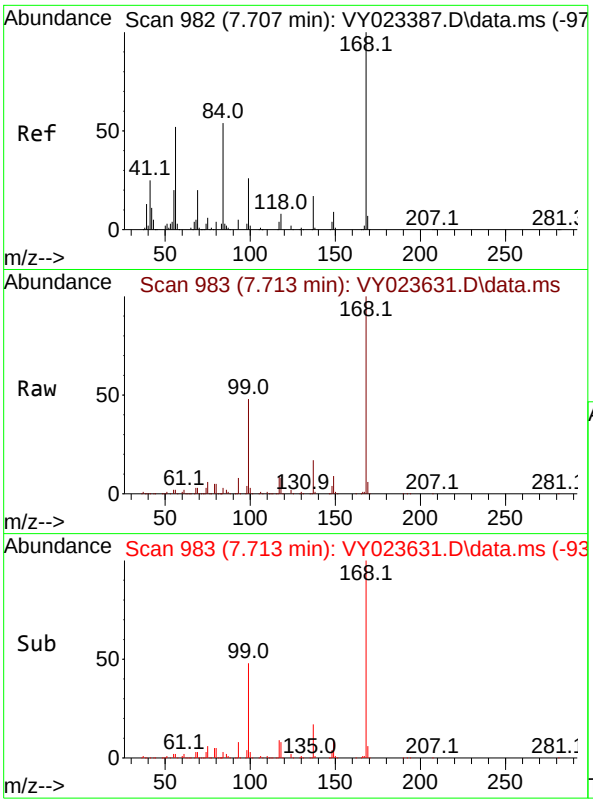
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Time: Oct 31 02:41:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



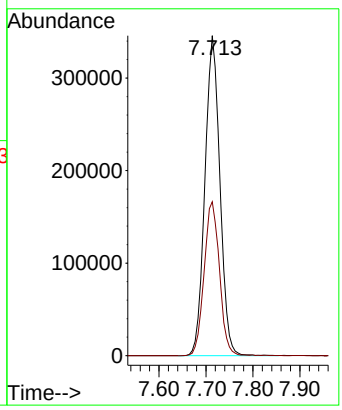


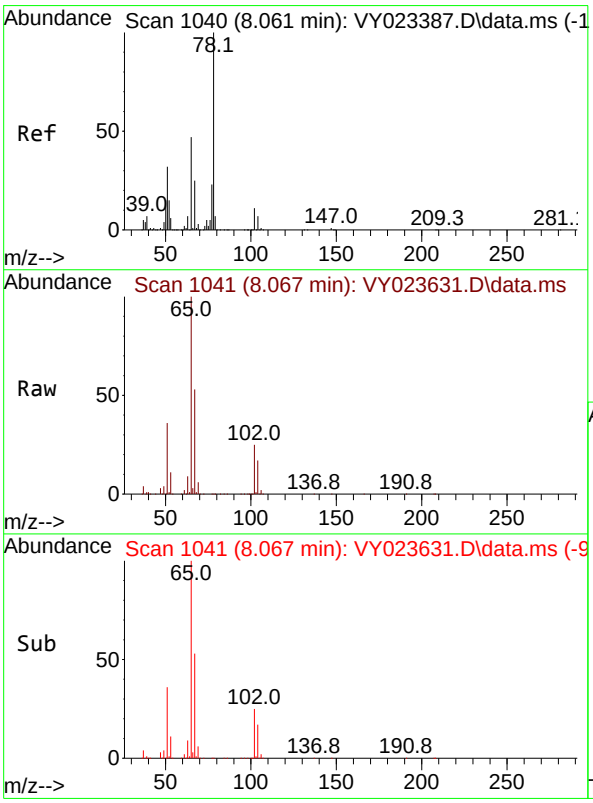
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:168 Resp: 765269

Ion	Ratio	Lower	Upper
168	100		
99	48.1	39.7	59.5

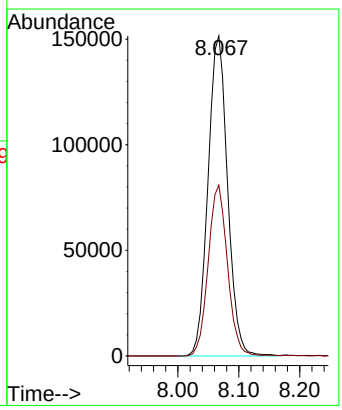


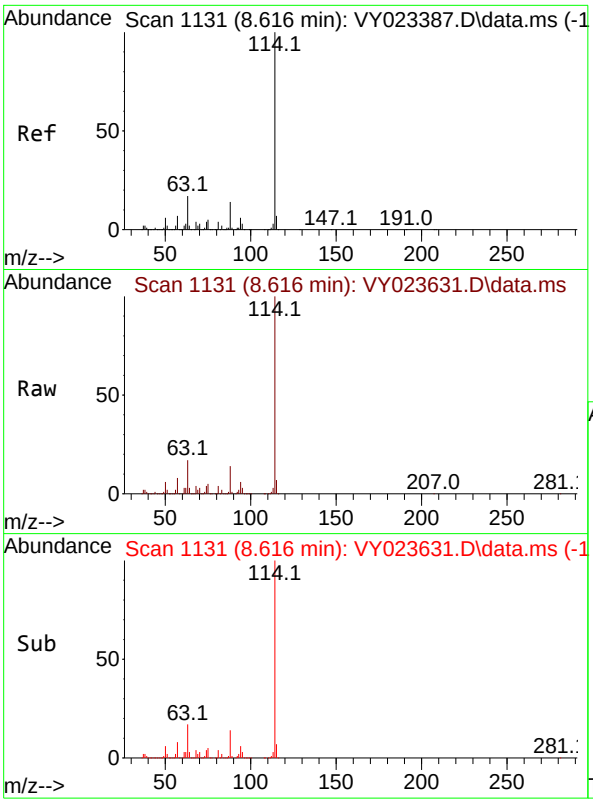


#33
1,2-Dichloroethane-d4
Concen: 52.859 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion: 65 Resp: 338260

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8



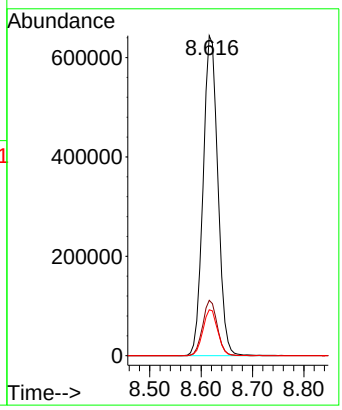


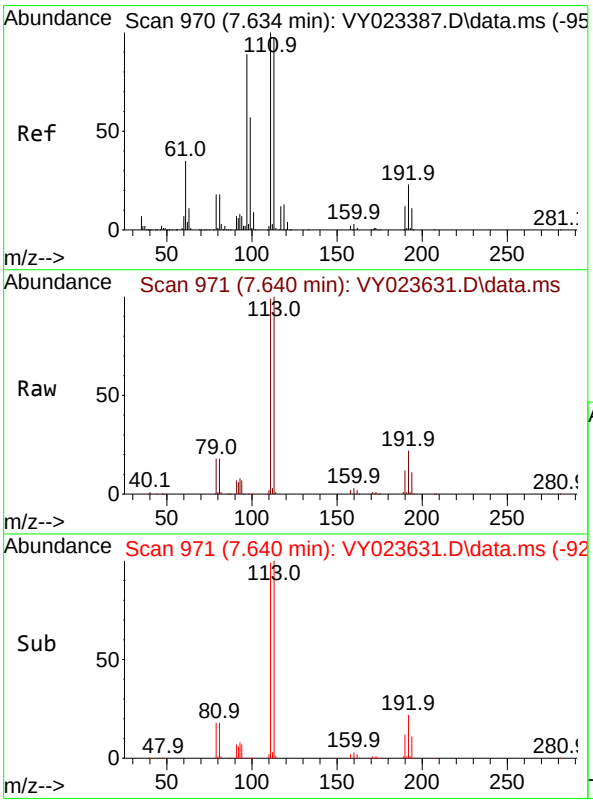
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:114 Resp: 1282589

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.2
88	14.4	0.0	28.4

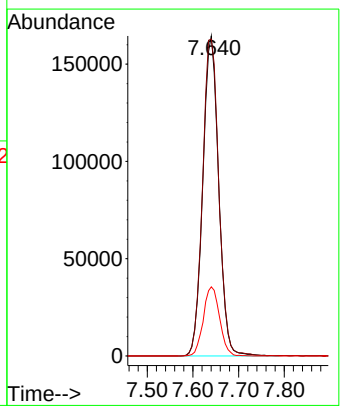


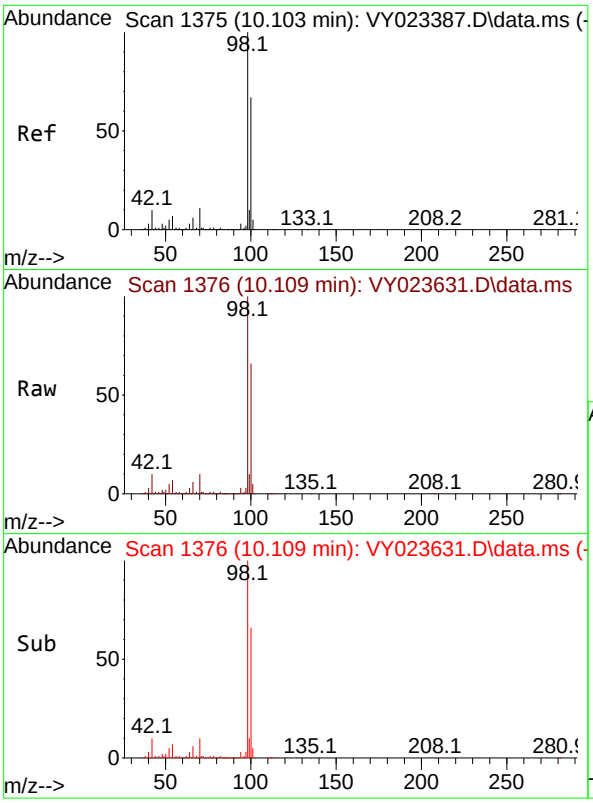


#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion:113 Resp: 396330

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	22.2	18.0	27.0



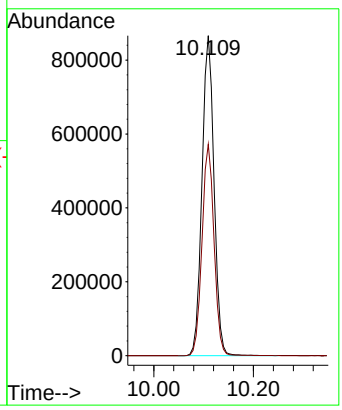


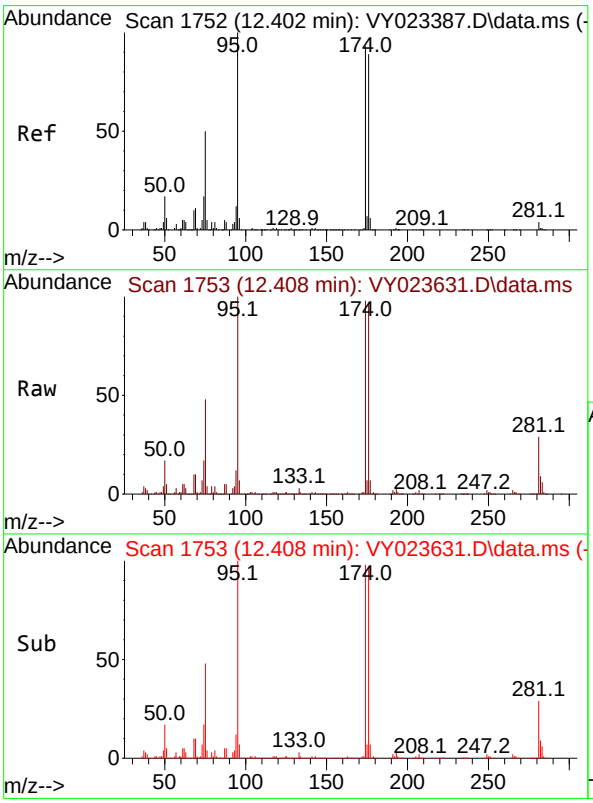
#50
Toluene-d8
Concen: 49.387 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion: 98 Resp: 1449464

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

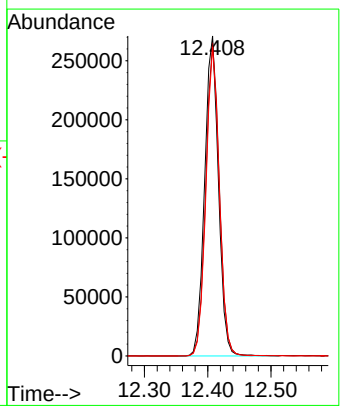


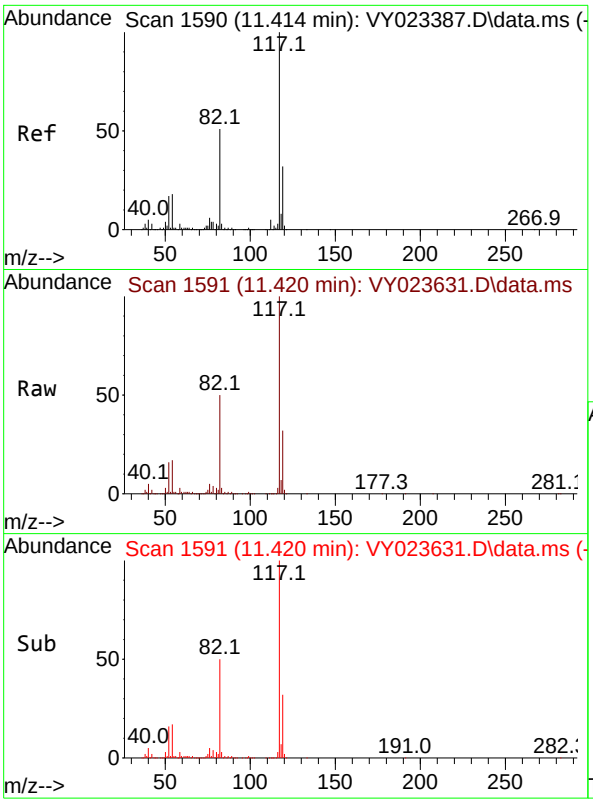


#62
4-Bromofluorobenzene
Concen: 42.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion: 95 Resp: 410881

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	192.8
176	94.0	0.0	187.6



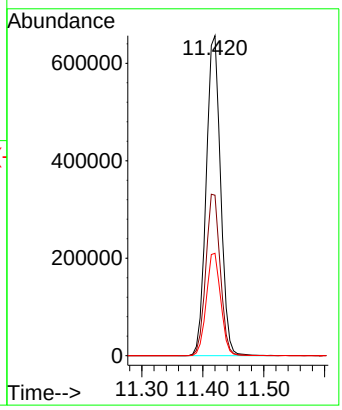


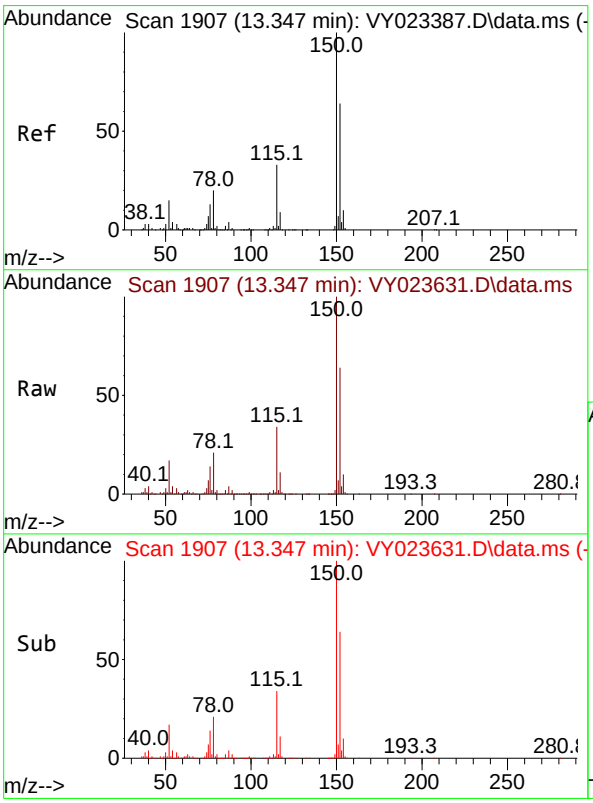
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Tgt Ion:117 Resp: 1076446

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.0	25.6	38.4

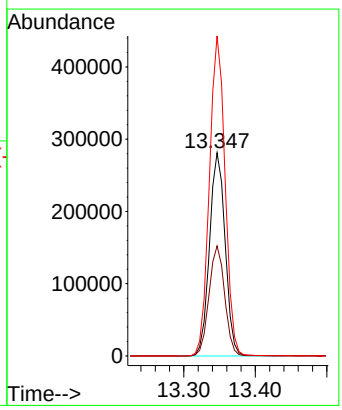




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023631.D
Acq: 30 Oct 2025 14:37

Tgt Ion:152 Resp: 427496

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.2
150	157.8	0.0	347.4



Sample Results: **VY023631.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.629	463	477	489	rBV2	29687	91558	2.46%	0.472%
2	7.640	959	971	977	rBV	543543	1331173	35.80%	6.861%
3	7.713	977	983	1000	rVB	931980	2076541	55.85%	10.703%
4	8.067	1031	1041	1054	rBV	428473	962682	25.89%	4.962%
5	8.616	1122	1131	1145	rBV	1393034	2767140	74.42%	14.262%
6	10.109	1368	1376	1399	rBV	2197373	3718264	100.00%	19.164%
7	11.420	1583	1591	1603	rBV	1844468	3078938	82.81%	15.869%
8	11.627	1615	1625	1632	rBV	32822	61983	1.67%	0.319%
9	12.408	1743	1753	1765	rBV2	1634035	2793542	75.13%	14.398%
10	13.347	1897	1907	1920	rBV	1565301	2417232	65.01%	12.458%
11	13.883	1989	1995	2002	rVB2	62096	103231	2.78%	0.532%

Sum of corrected areas: 19402284

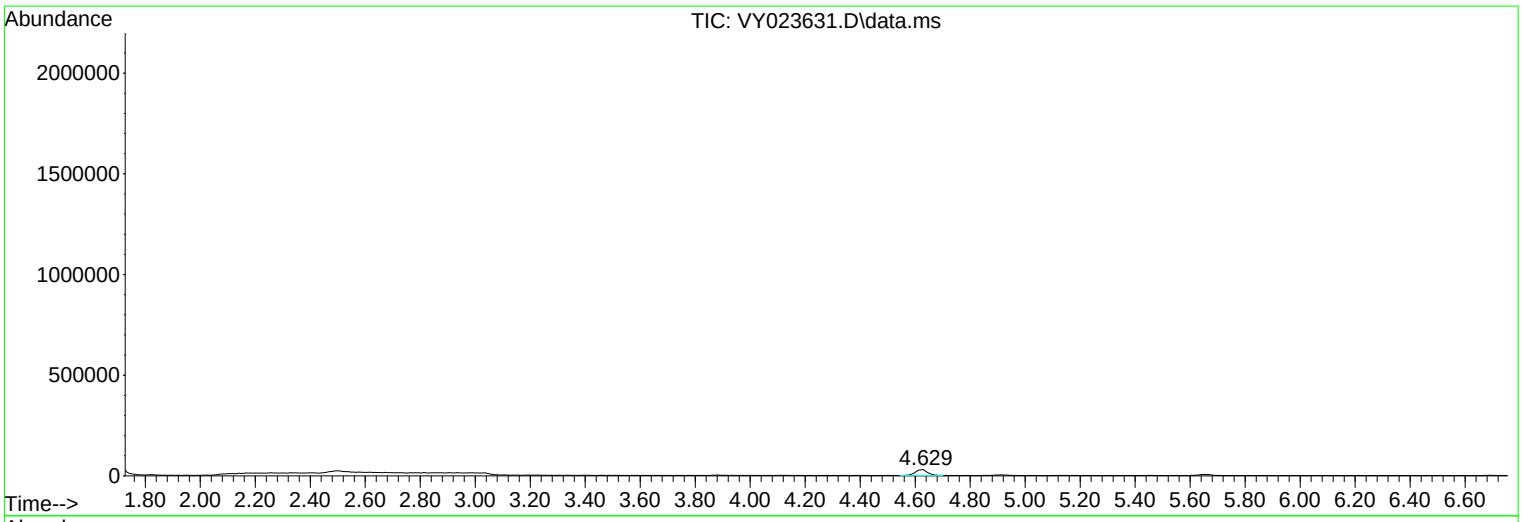
Sample Results: **VY023631.D**

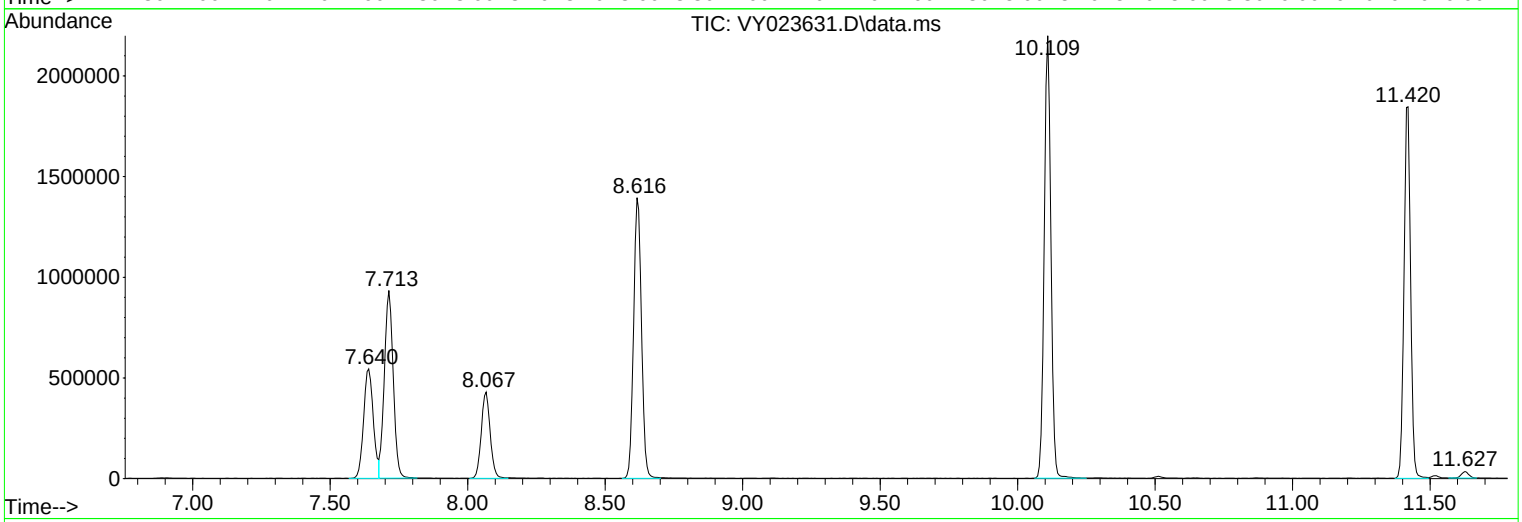
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

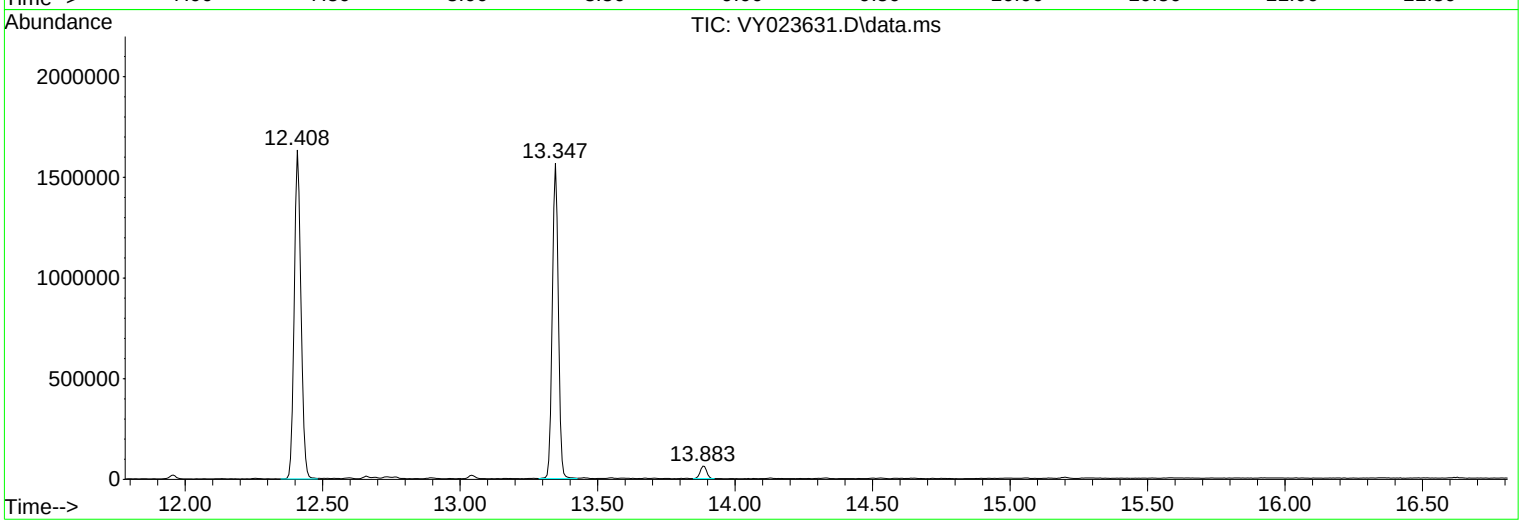
Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023631.D
Acq On : 30 Oct 2025 14:37
Operator : SY/MD
Sample : Q3495-02
Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1025-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:05:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

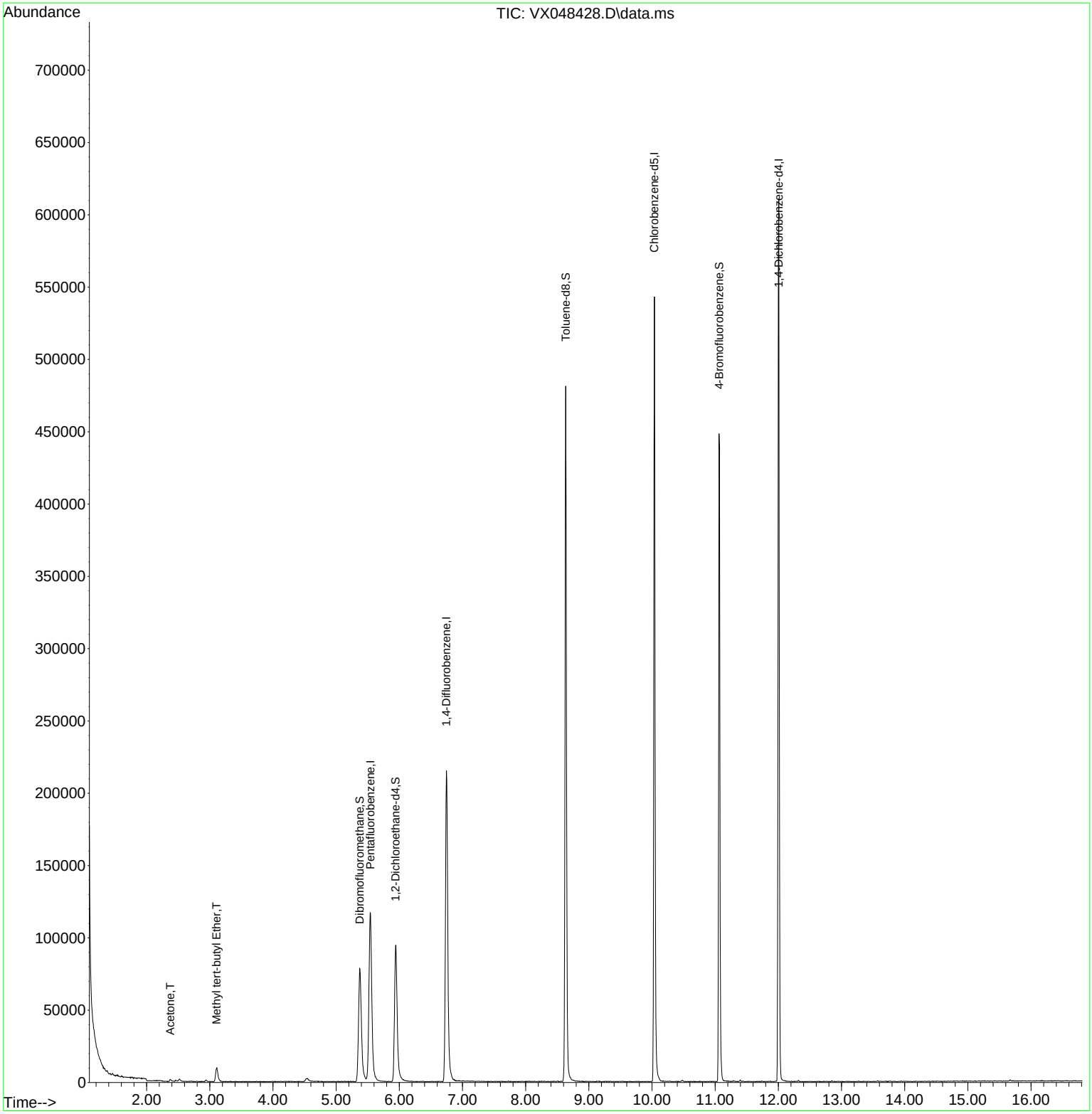
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	121387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	239256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105451	60.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.820%#			
35) Dibromofluoromethane	5.373	113	78112	57.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.520%			
50) Toluene-d8	8.635	98	289433	48.067	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.061	95	131178	58.237	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.480%			
Target Compounds						Qvalue
16) Acetone	2.374	43	1852	4.681	ug/l	89
19) Methyl tert-butyl Ether	3.105	73	11901	2.630	ug/l	94

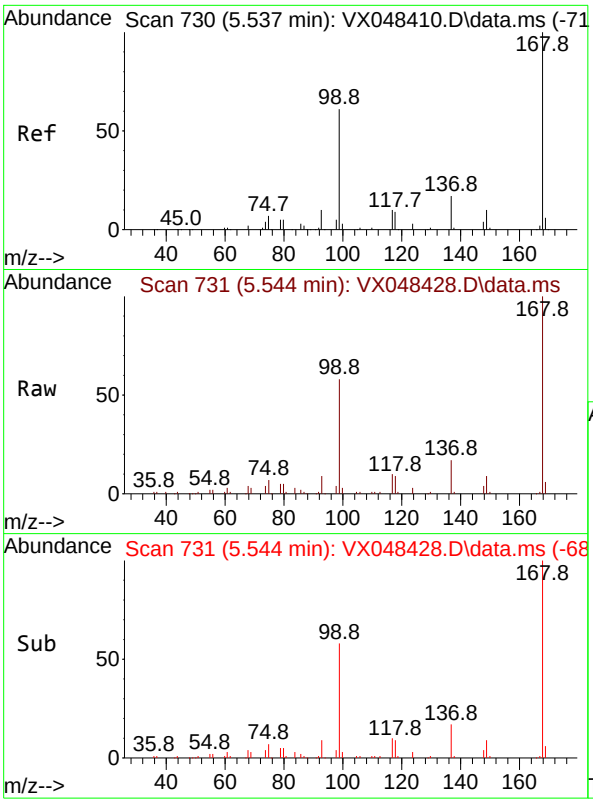
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:05:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



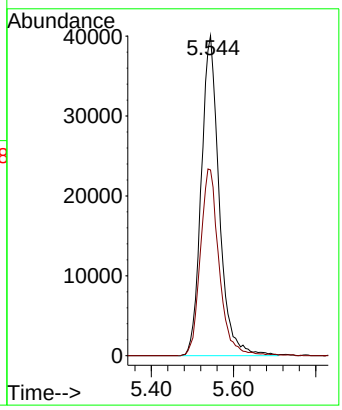


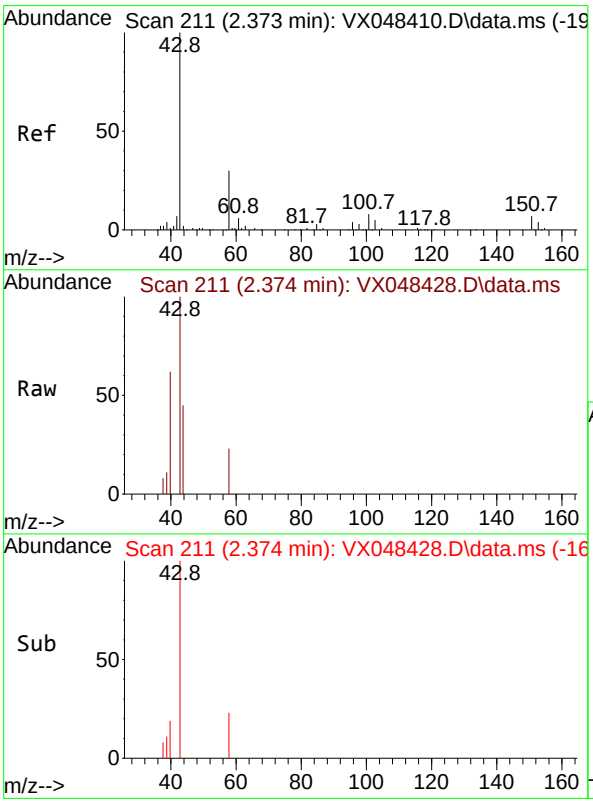
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:168 Resp: 121387

Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.4	69.6

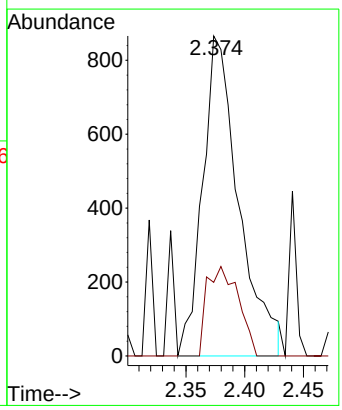


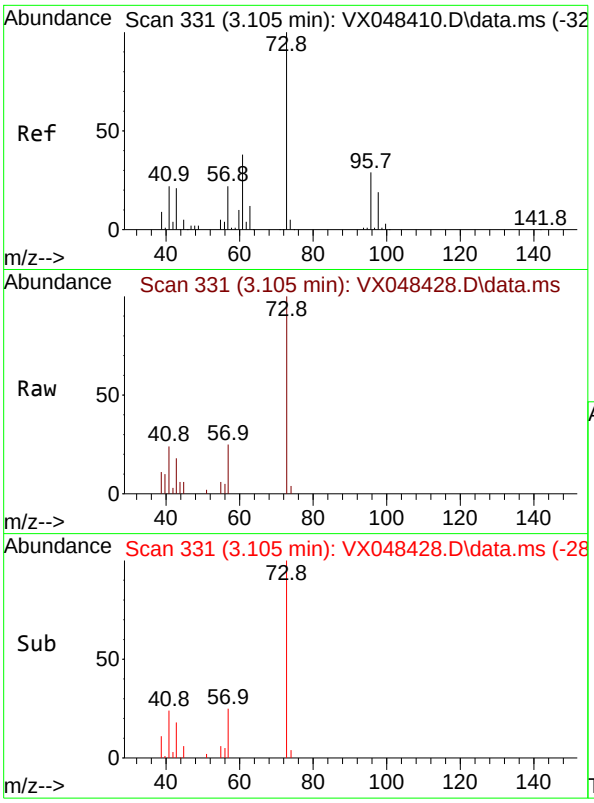


#16
Acetone
Concen: 4.681 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
58	23.7	23.4	35.2



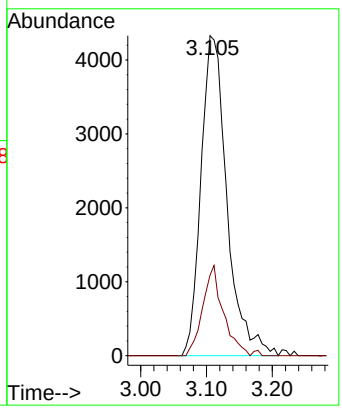


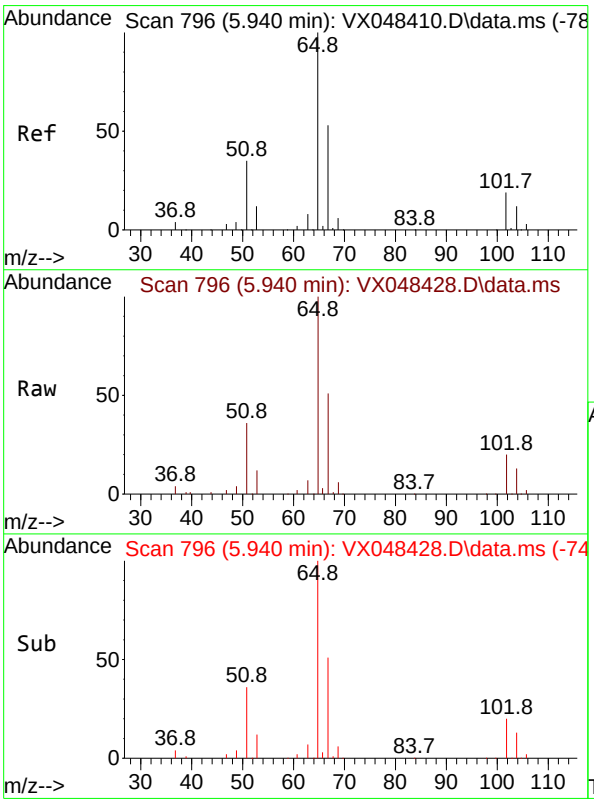
#19
Methyl tert-butyl Ether
Concen: 2.630 ug/l
RT: 3.105 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion: 73 Resp: 11901

Ion	Ratio	Lower	Upper
73	100		
57	25.1	17.7	26.5

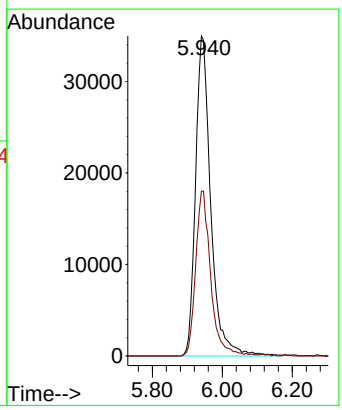


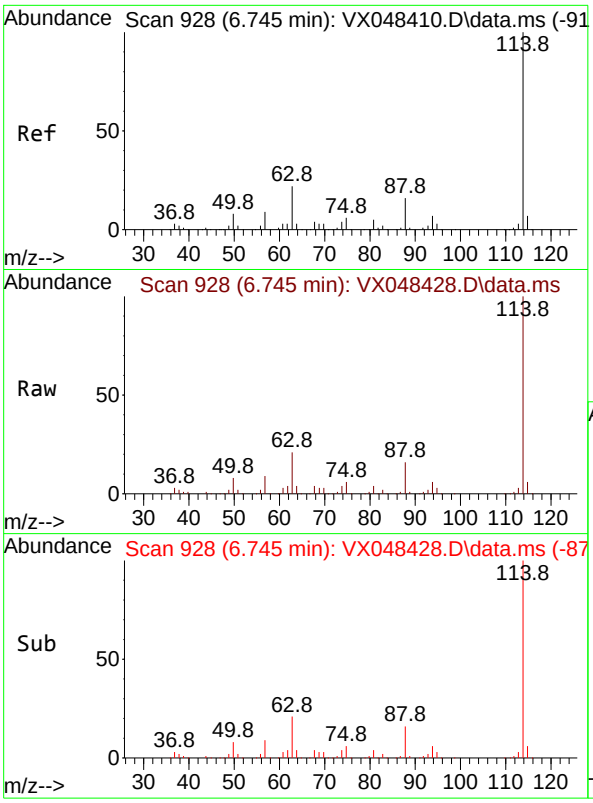


#33
1,2-Dichloroethane-d4
Concen: 60.405 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 65 Resp: 105451

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0



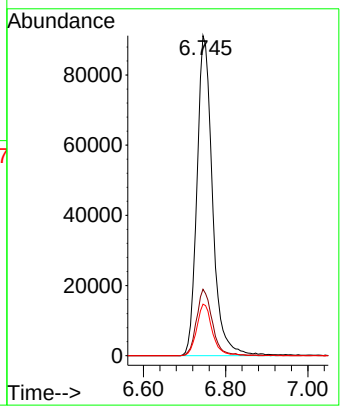


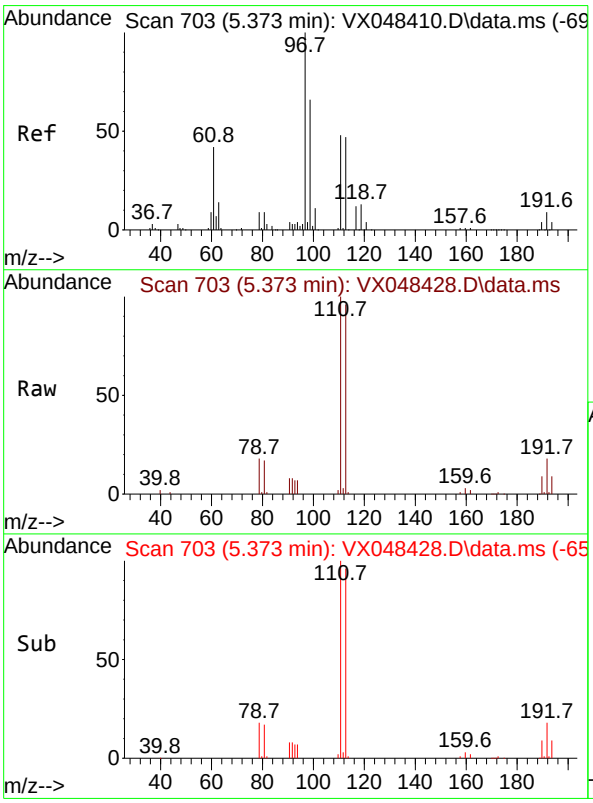
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:114 Resp: 239256

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.1	0.0	33.6

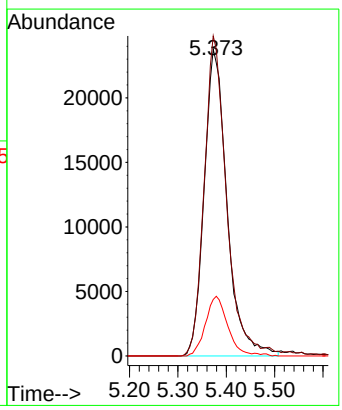


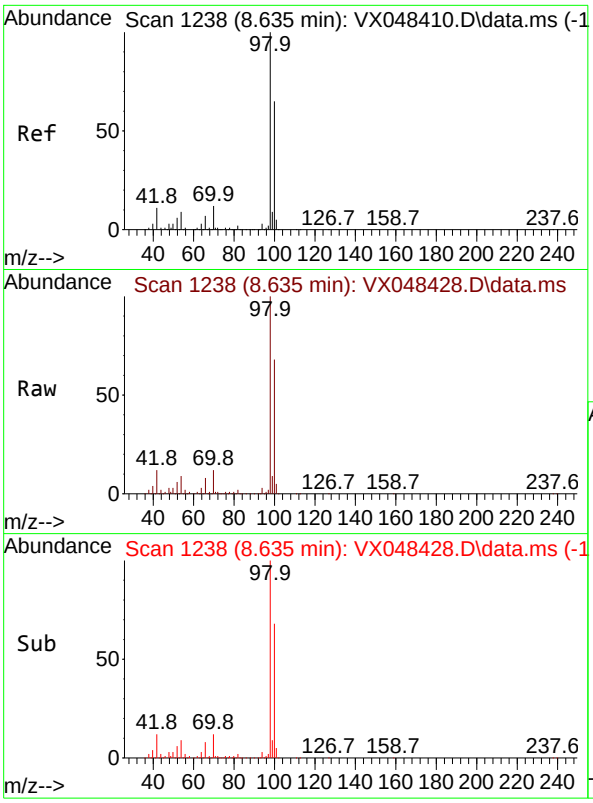


#35
Dibromofluoromethane
Concen: 57.263 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:113 Resp: 78112

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	19.1	15.1	22.7



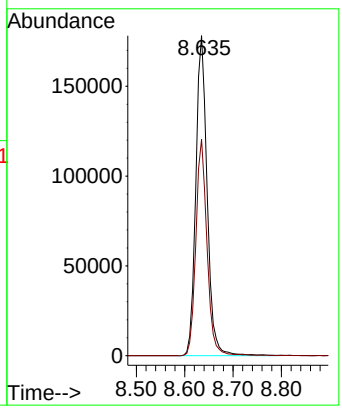


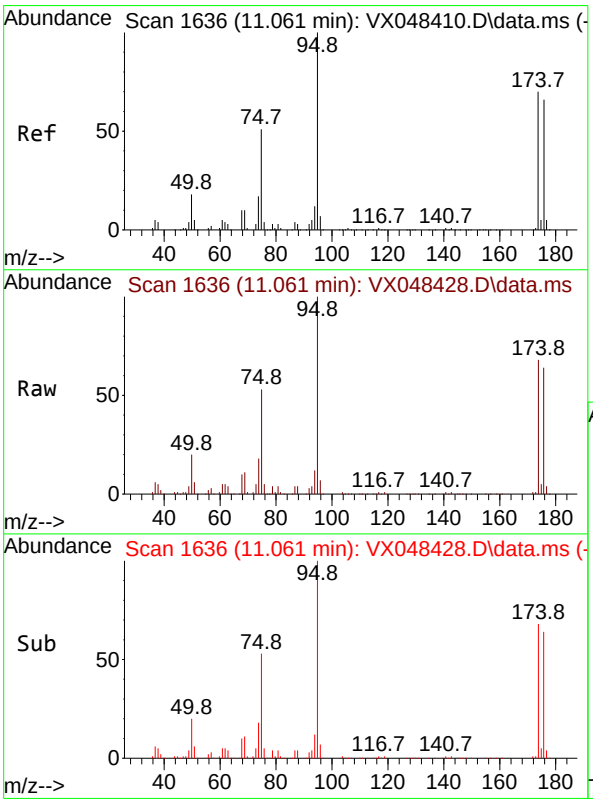
#50
Toluene-d8
Concen: 48.067 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion: 98 Resp: 289433

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

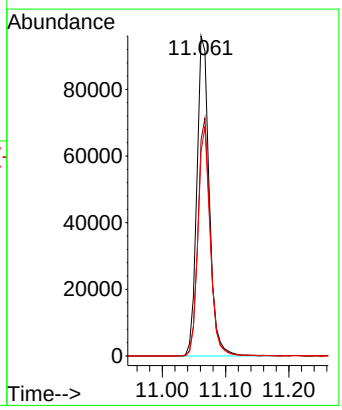


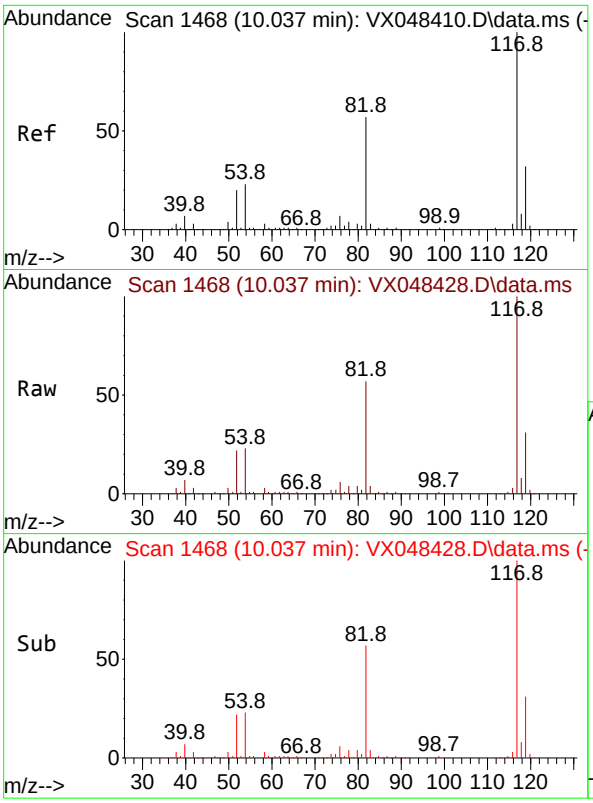


#62
4-Bromofluorobenzene
Concen: 58.237 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion: 95 Resp: 131178

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	147.8
176	70.7	0.0	142.8



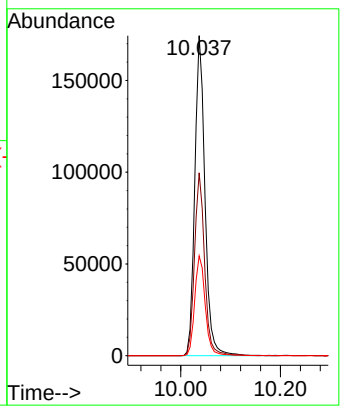


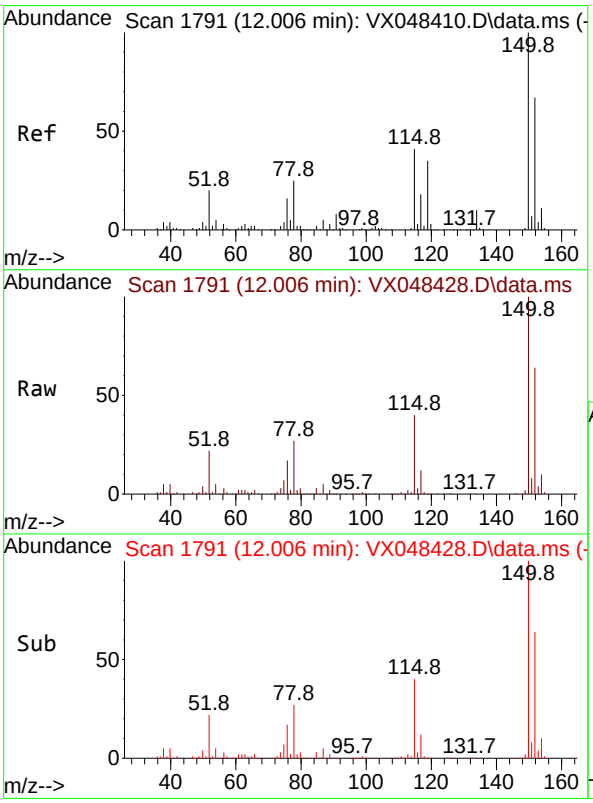
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Tgt Ion:117 Resp: 246924

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.5	69.7
119	31.2	25.9	38.9

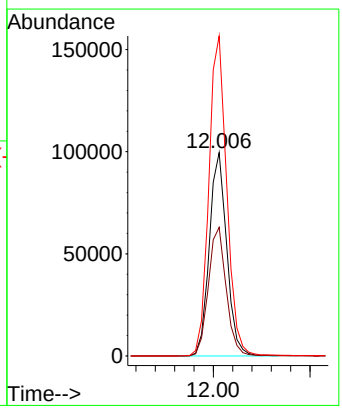




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048428.D
Acq: 31 Oct 2025 13:46

Tgt Ion:152 Resp: 124979

Ion	Ratio	Lower	Upper
152	100		
115	64.9	43.1	129.4
150	161.7	0.0	353.0



Sample Results: **VX048428.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	322	332	341	rBV	9653	25538	3.20%	0.573%
2	5.373	692	703	719	rBV4	78613	251007	31.49%	5.631%
3	5.538	719	730	750	rVB	115907	361050	45.30%	8.099%
4	5.946	786	797	815	rBV	94290	279242	35.04%	6.264%
5	6.745	919	928	946	rBV	215234	562959	70.63%	12.628%
6	8.635	1229	1238	1255	rBV	480985	789080	99.00%	17.701%
7	10.037	1462	1468	1486	rVB	542419	771494	96.80%	17.306%
8	11.061	1631	1636	1649	rBV	447936	620476	77.85%	13.919%
9	12.006	1785	1791	1805	rBV	610244	797030	100.00%	17.879%

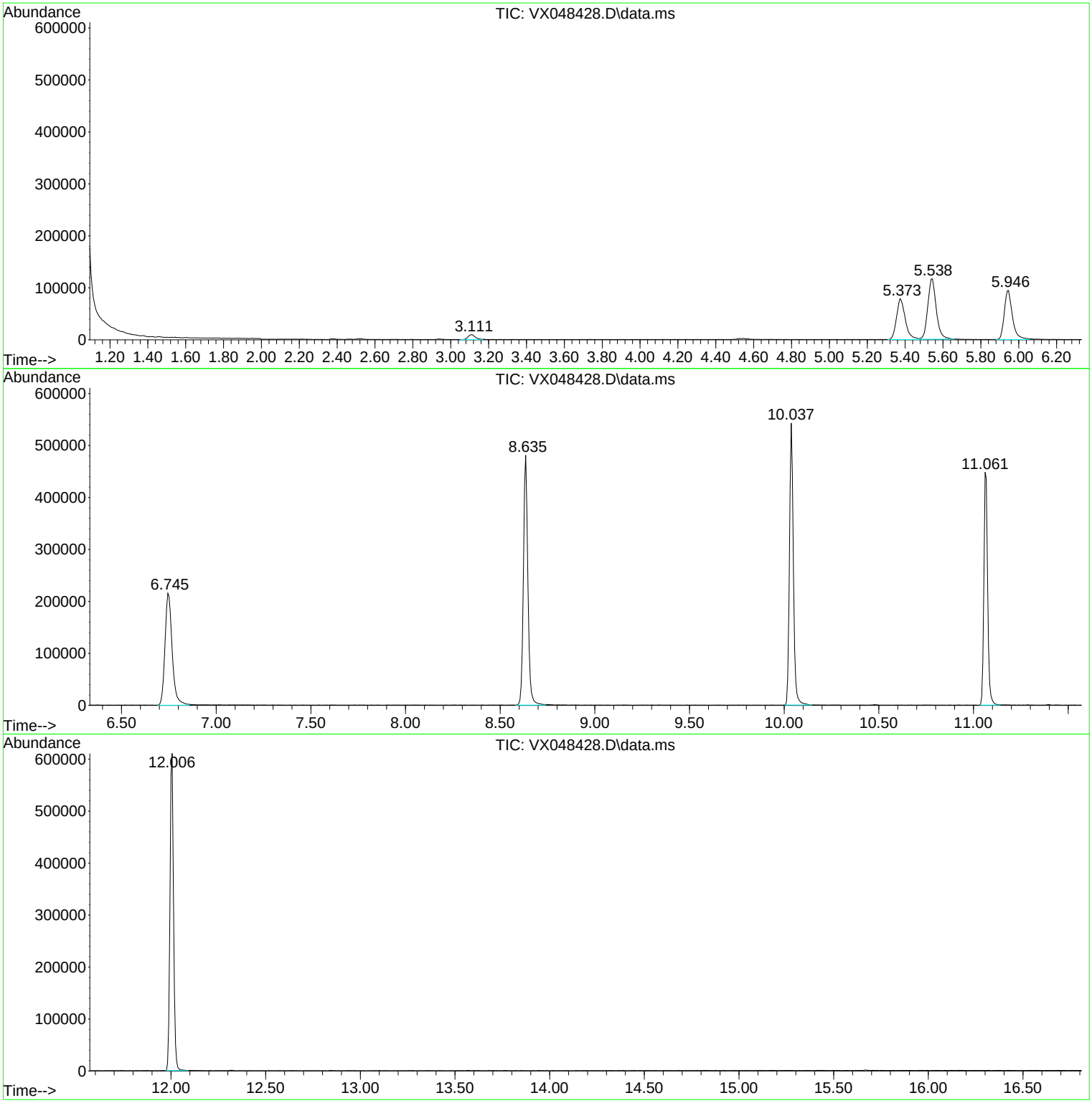
Sum of corrected areas: 4457876

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048428.D
Acq On : 31 Oct 2025 13:46
Operator : JC/MD
Sample : Q3495-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048456.D
Acq On : 03 Nov 2025 14:59
Operator : JC/MD
Sample : Q3495-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Quant Time: Nov 04 00:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

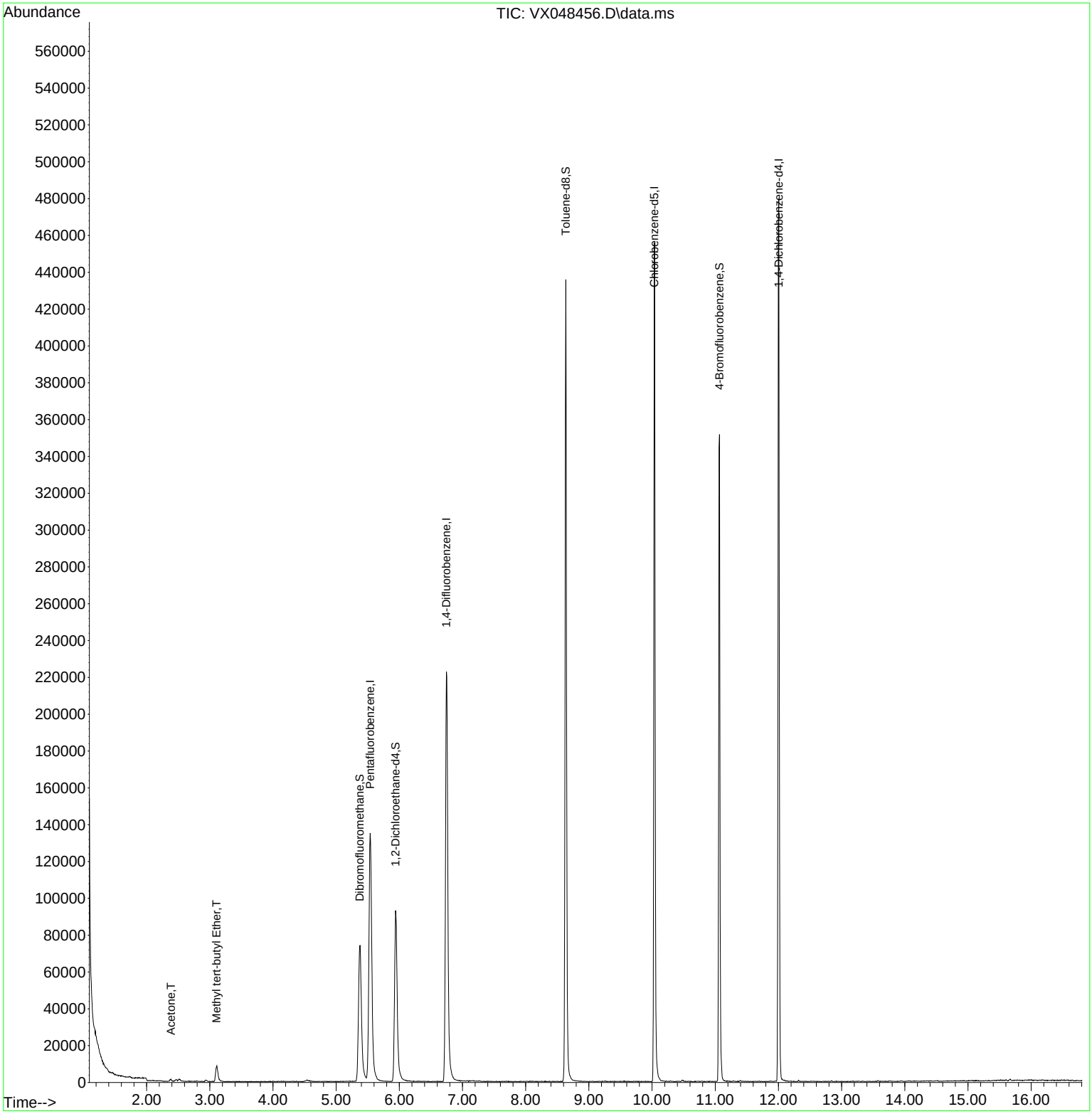
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	146009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	263069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100460	47.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.680%			
35) Dibromofluoromethane	5.373	113	76564	51.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	8.634	98	256435	38.732	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 77.460%#			
62) 4-Bromofluorobenzene	11.067	95	97496	39.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 78.740%#			
Target Compounds						Qvalue
16) Acetone	2.386	43	1438	3.022	ug/l #	78
19) Methyl tert-butyl Ether	3.105	73	10356	1.903	ug/l	100

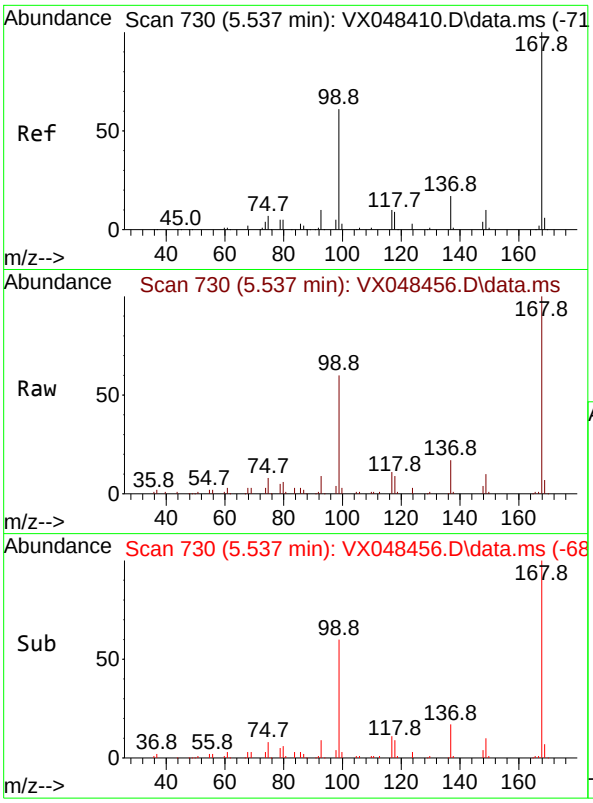
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048456.D
Acq On : 03 Nov 2025 14:59
Operator : JC/MD
Sample : Q3495-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Quant Time: Nov 04 00:14:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



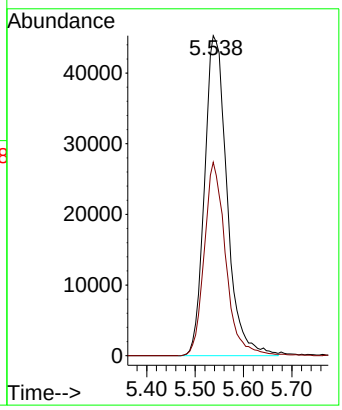


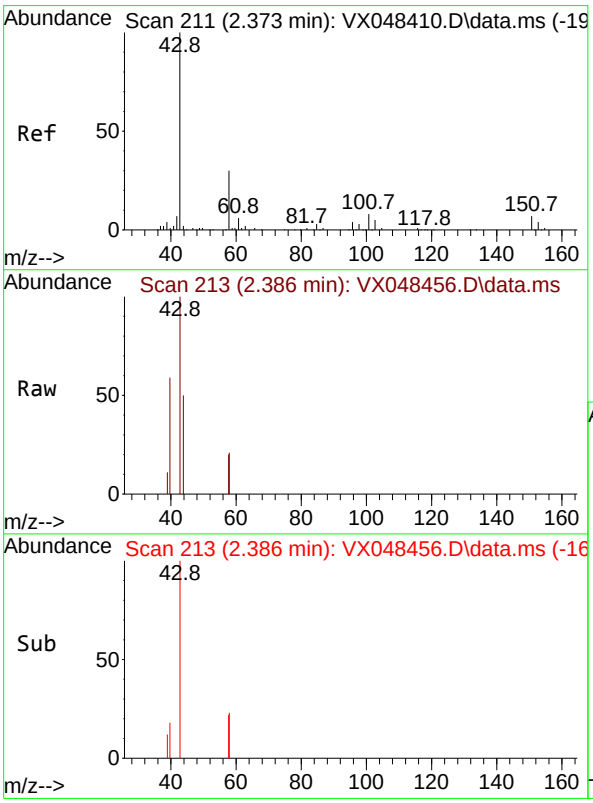
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:168 Resp: 146009

Ion	Ratio	Lower	Upper
168	100		
99	60.4	46.4	69.6

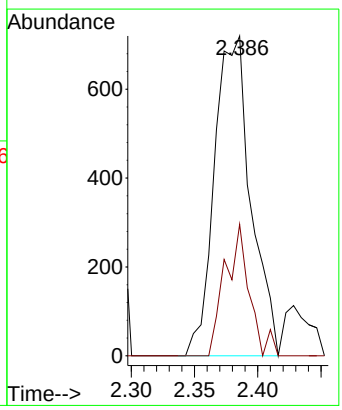




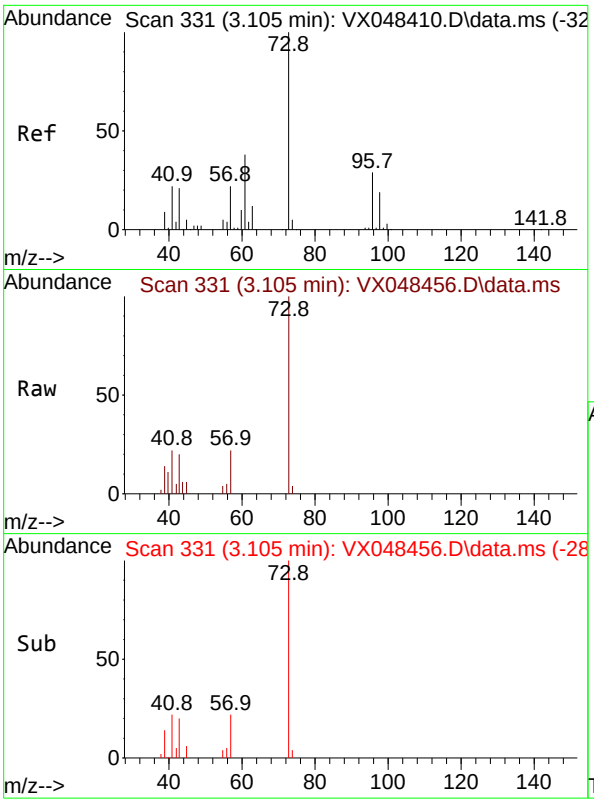
#16
Acetone
Concen: 3.022 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 43 Resp: 1438

Ion	Ratio	Lower	Upper
43	100		
58	41.1	23.4	35.2#



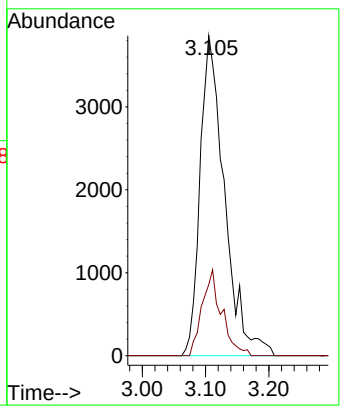
Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

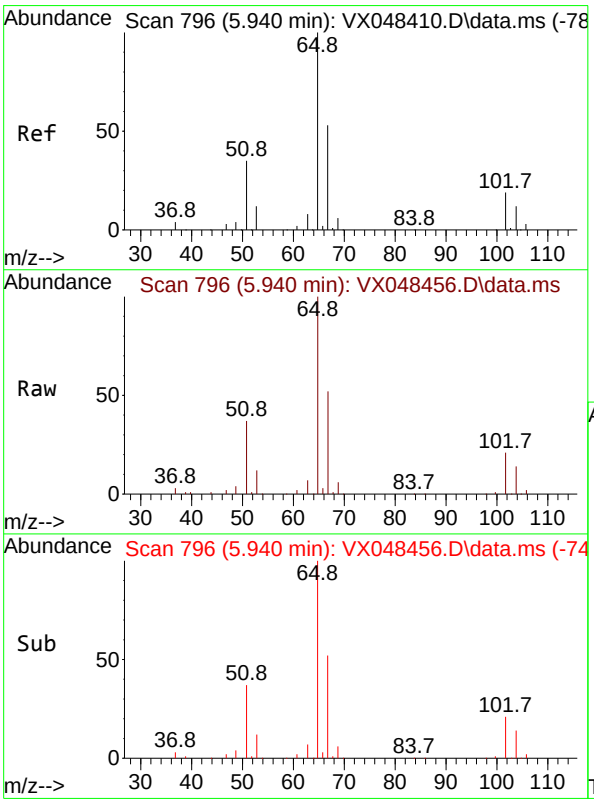


#19
Methyl tert-butyl Ether
Concen: 1.903 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 73 Resp: 10356

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.7	26.5

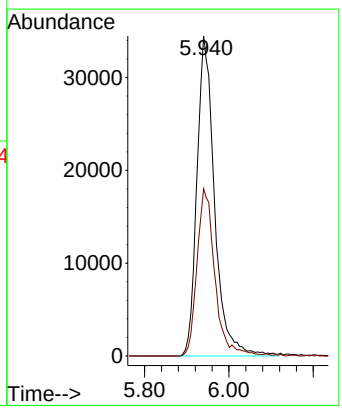


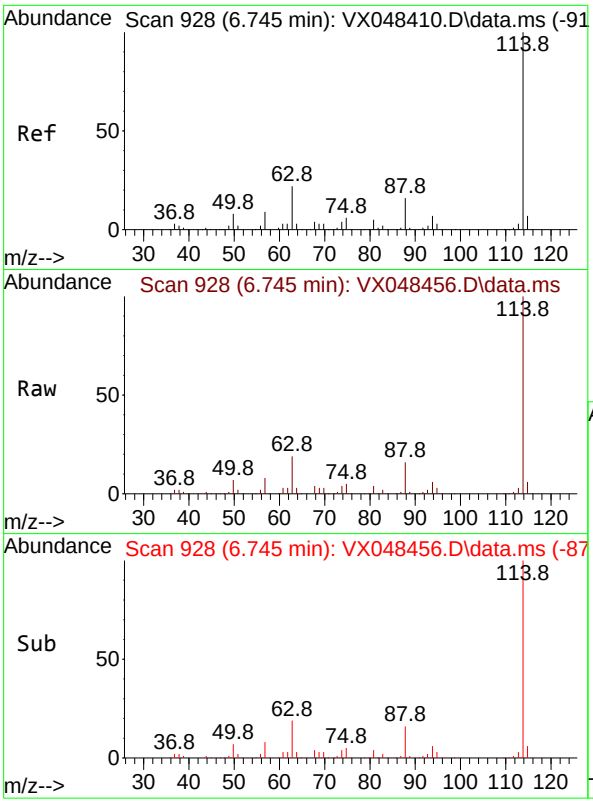


#33
1,2-Dichloroethane-d4
Concen: 47.842 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 65 Resp: 100460

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



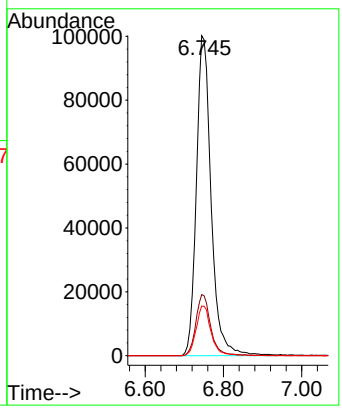


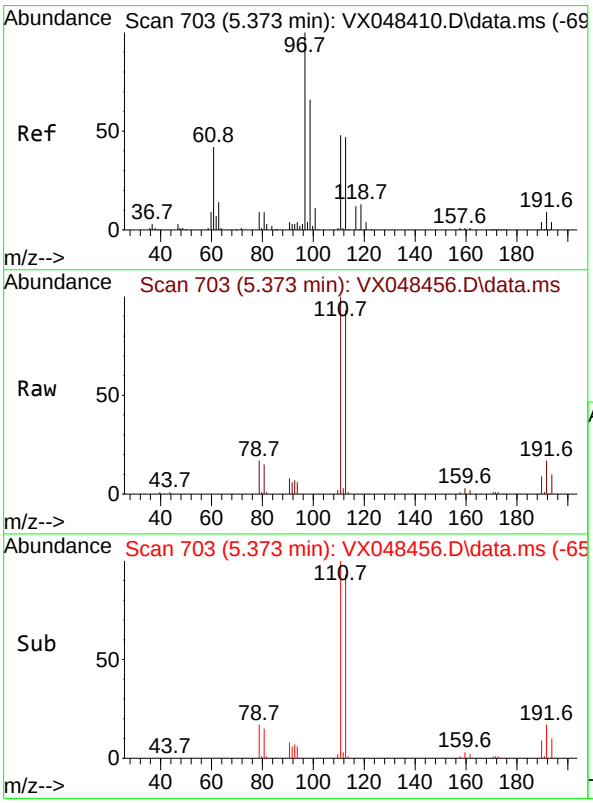
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:114 Resp: 263069

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.2
88	15.5	0.0	33.6

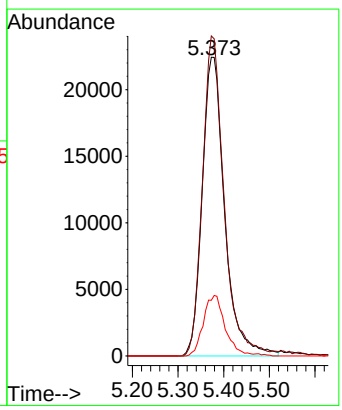


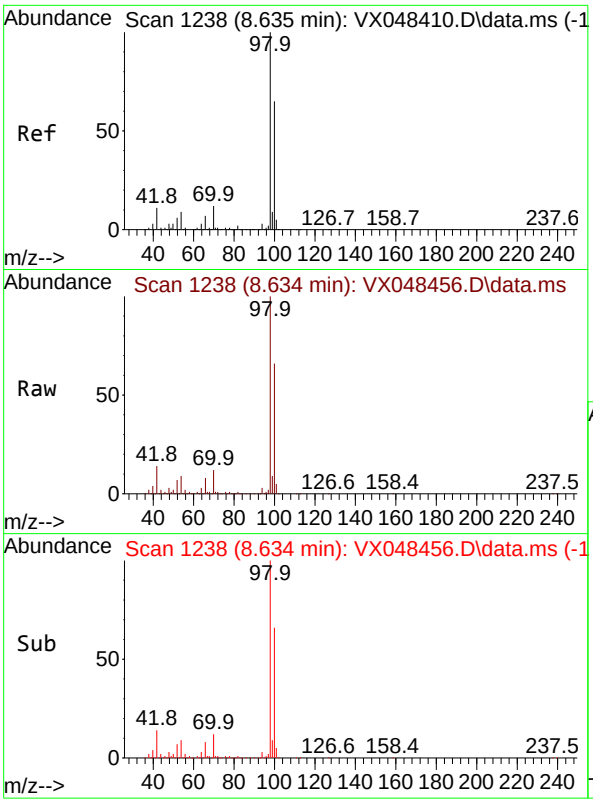


#35
Dibromofluoromethane
Concen: 51.048 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion:113 Resp: 76564

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	19.5	15.1	22.7



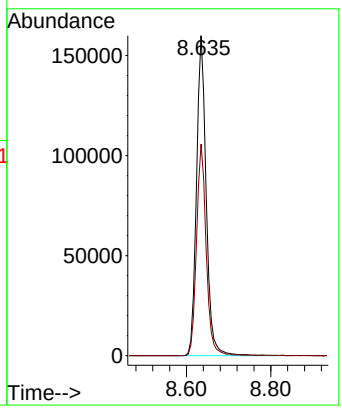


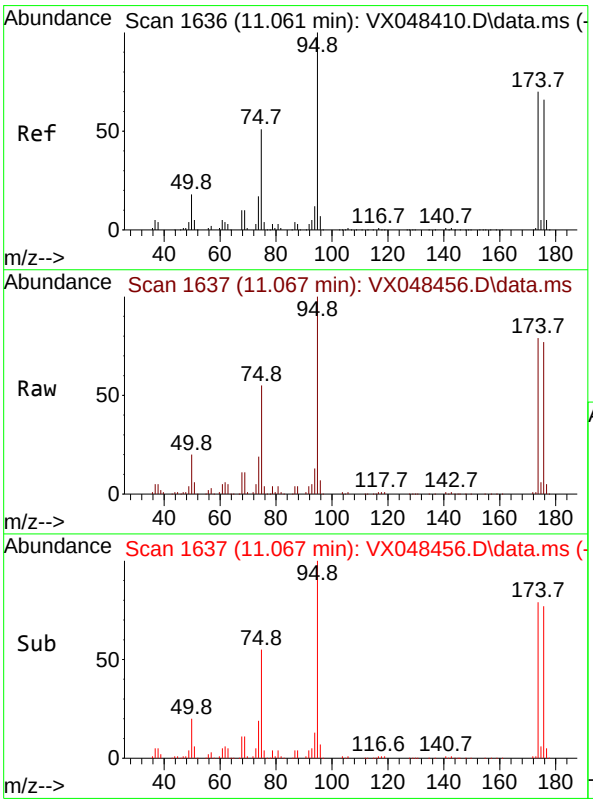
#50
Toluene-d8
Concen: 38.732 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion: 98 Resp: 256435

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

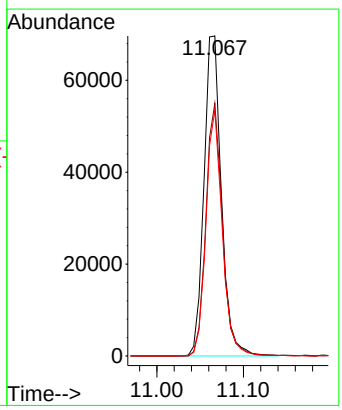


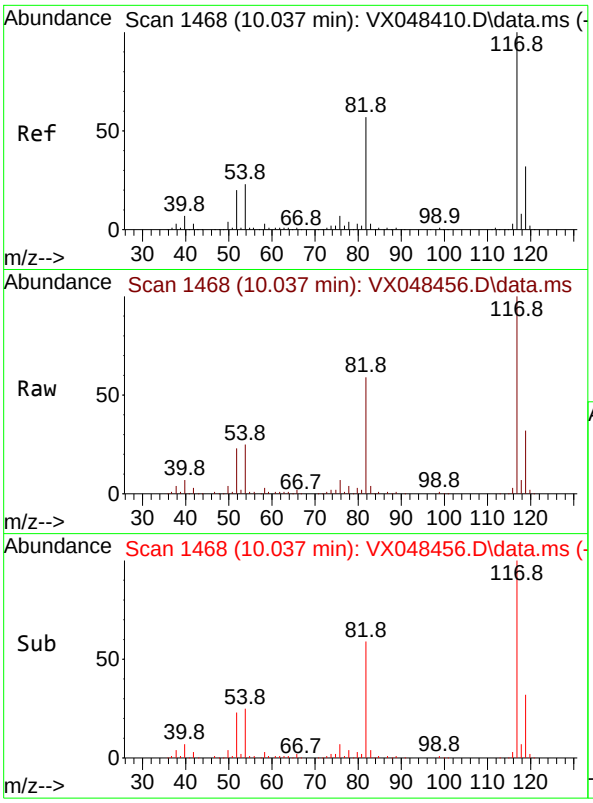


#62
4-Bromofluorobenzene
Concen: 39.365 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion: 95 Resp: 97496

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.8
176	71.9	0.0	142.8



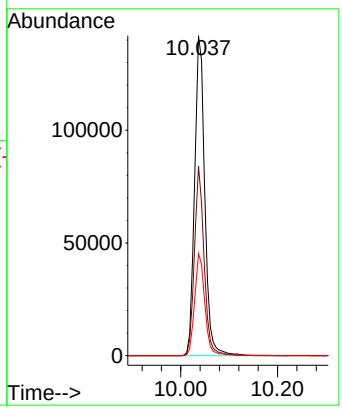


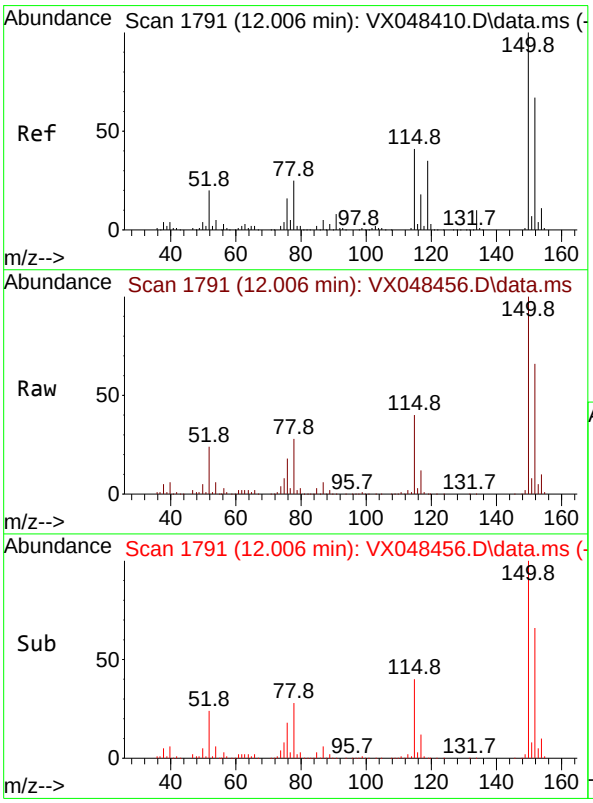
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Instrument :
MSVOA_X
ClientSampleId :
TW-1025-1RE

Tgt Ion:117 Resp: 207013

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.5	69.7
119	31.9	25.9	38.9

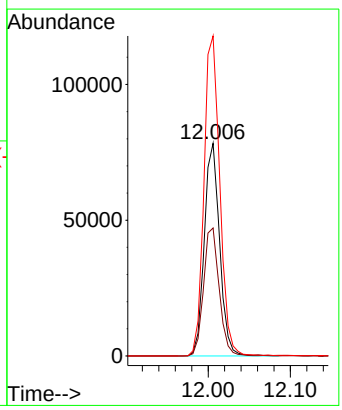




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048456.D
Acq: 03 Nov 2025 14:59

Tgt Ion:152 Resp: 101418

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.1	129.4
150	155.3	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Nov 04 00:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

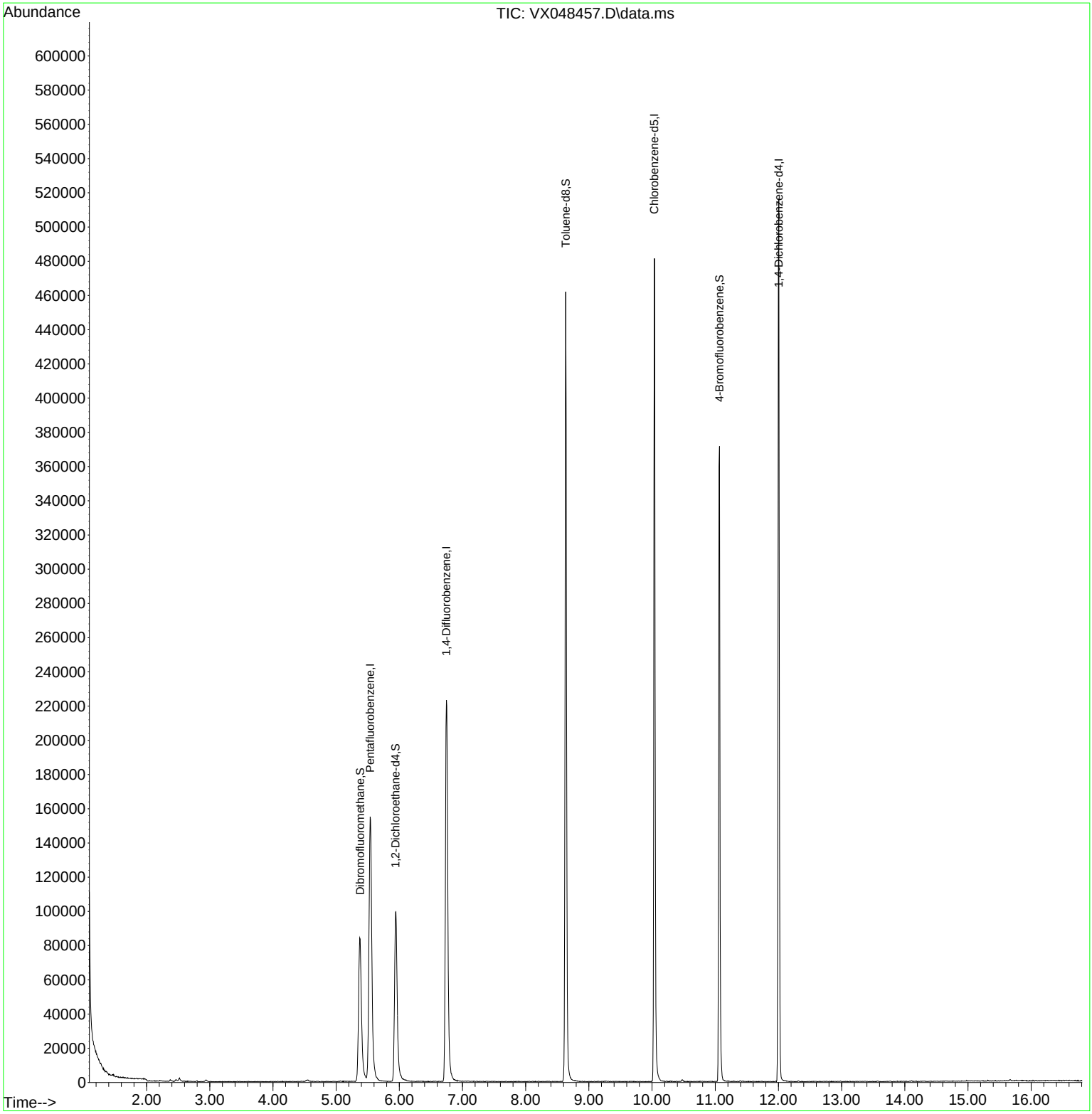
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	163243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	218816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108896	46.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.760%			
35) Dibromofluoromethane	5.379	113	84990	58.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.700%			
50) Toluene-d8	8.634	98	275410	43.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.400%#			
62) 4-Bromofluorobenzene	11.067	95	103711	43.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.980%			
Target Compounds						Qvalue

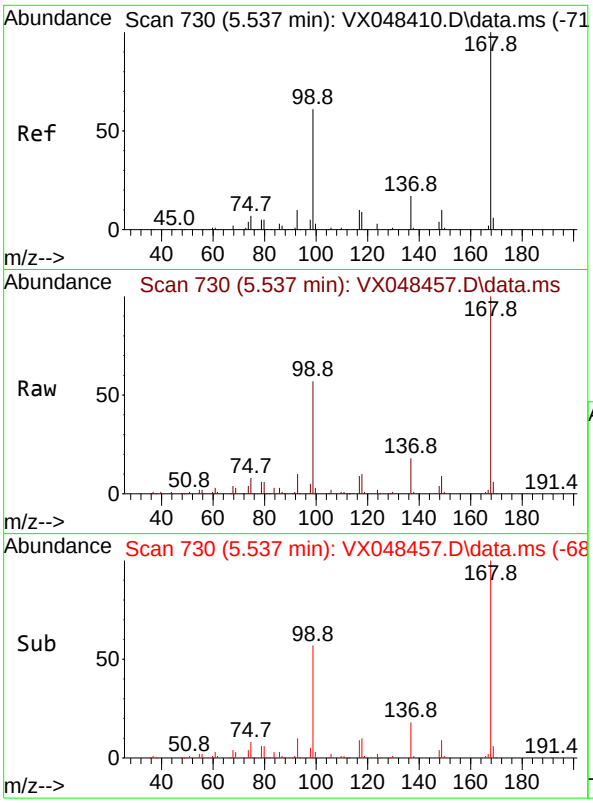
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Nov 04 00:14:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



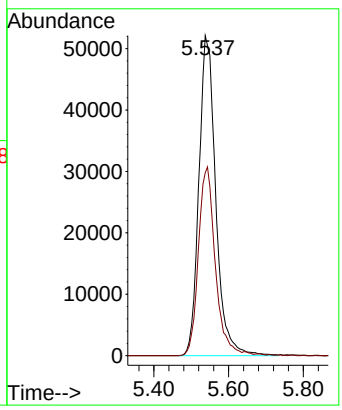


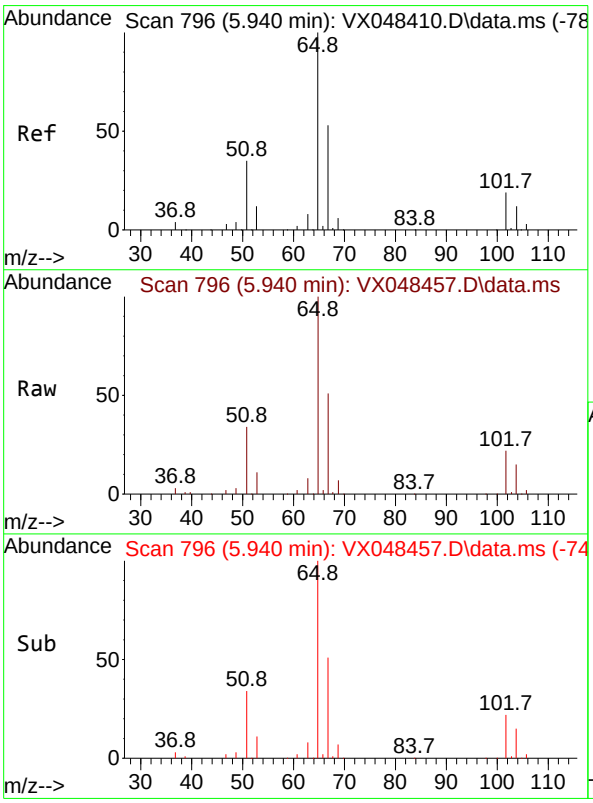
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 163243

Ion	Ratio	Lower	Upper
168	100		
99	57.1	46.4	69.6

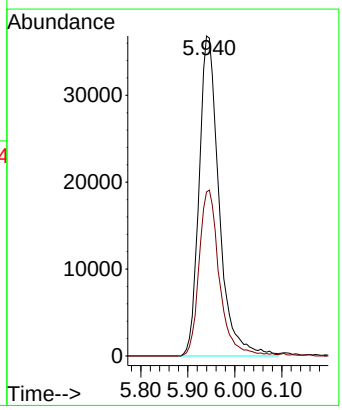


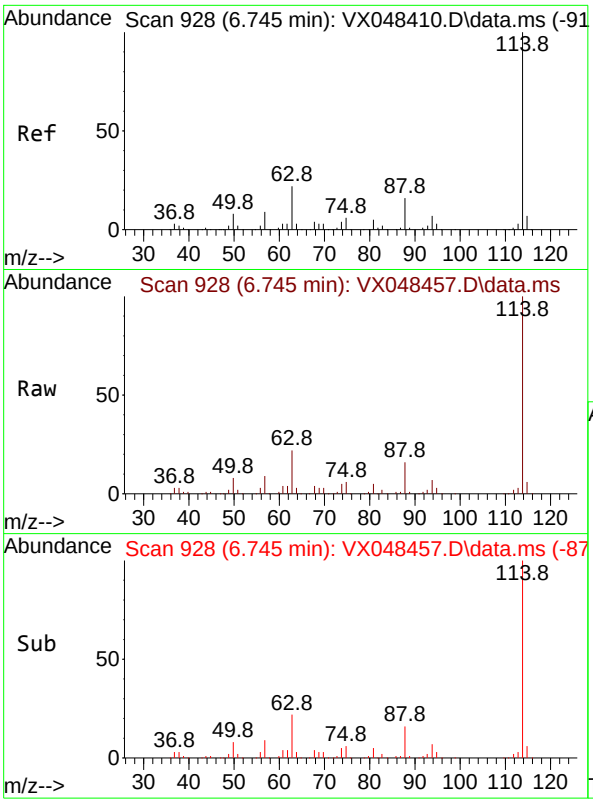


#33
1,2-Dichloroethane-d4
Concen: 46.384 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 65 Resp: 108896

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



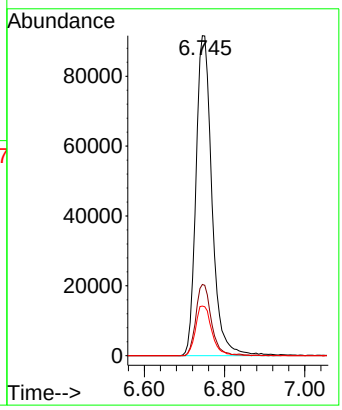


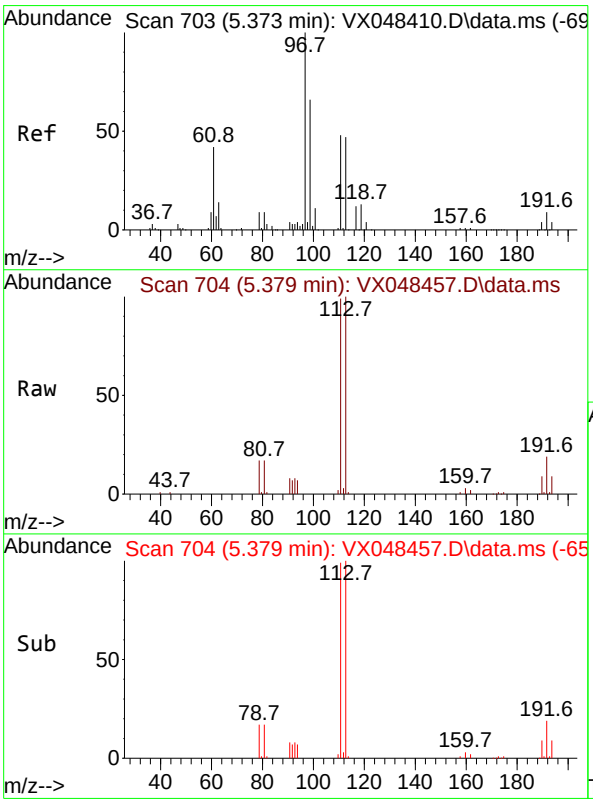
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:114 Resp: 253289

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.5	0.0	33.6

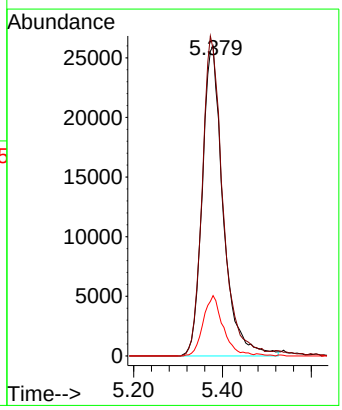


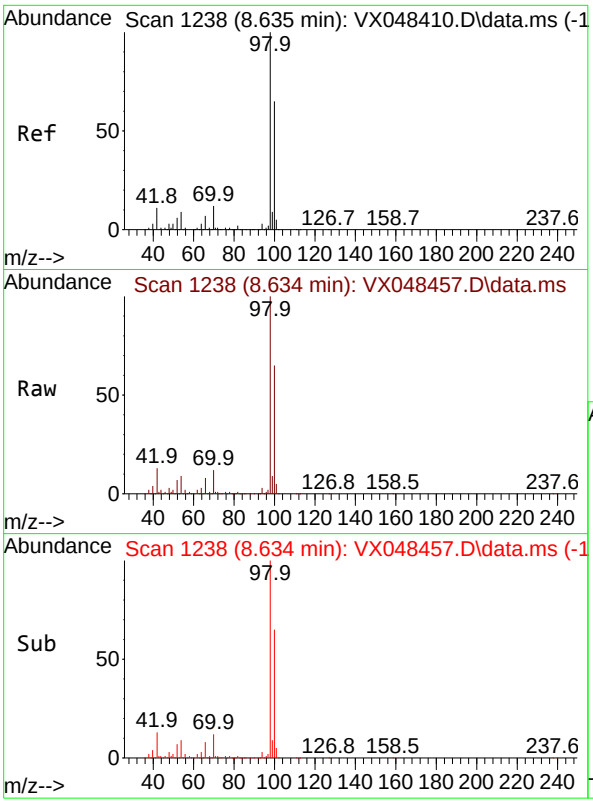


#35
Dibromofluoromethane
Concen: 58.853 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion:113 Resp: 84990

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.5	15.1	22.7



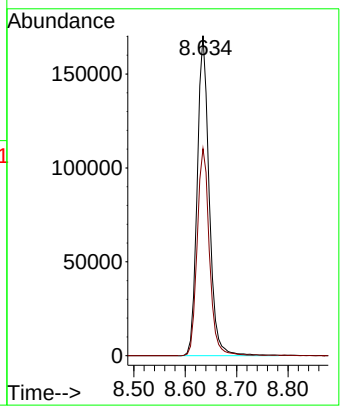


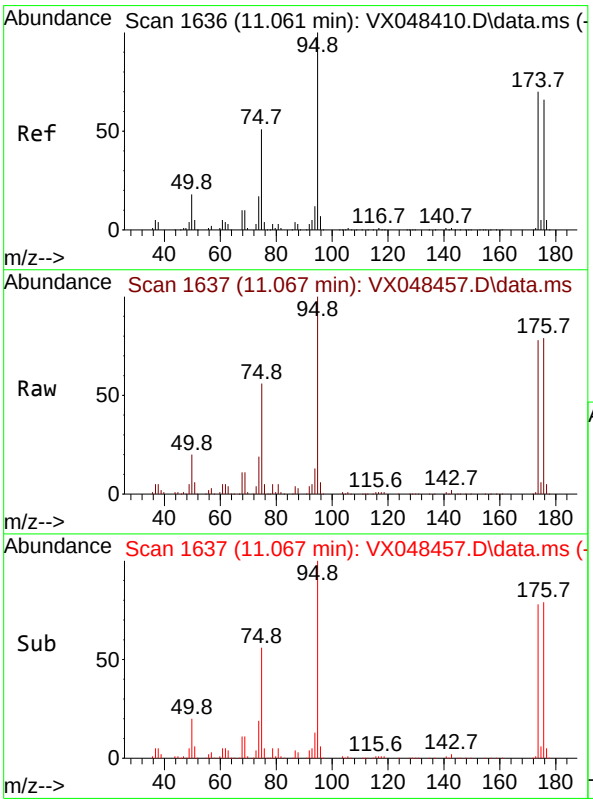
#50
Toluene-d8
Concen: 43.204 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 98 Resp: 275410

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

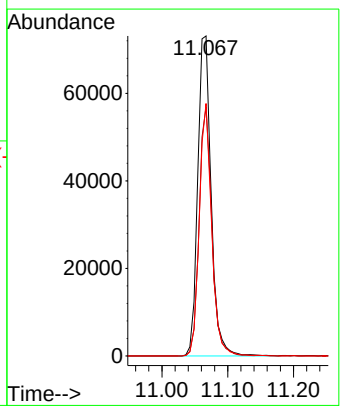


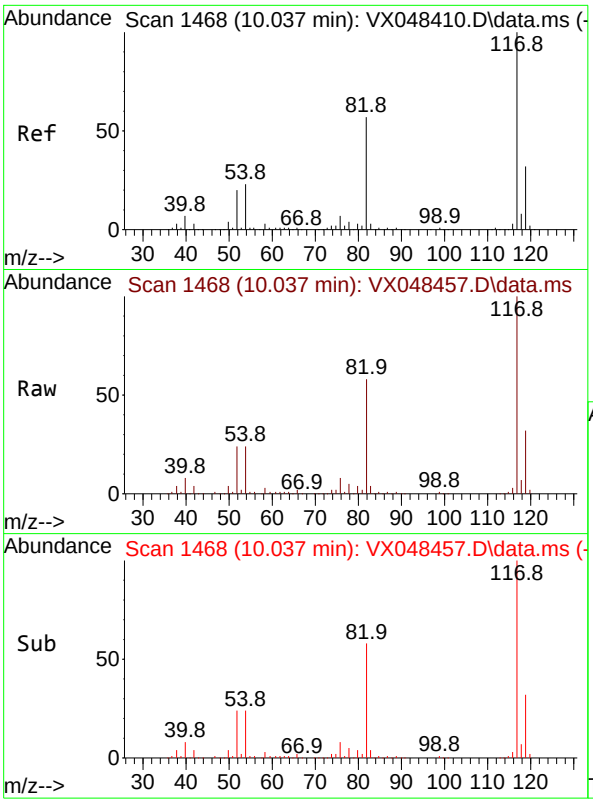


#62
4-Bromofluorobenzene
Concen: 43.492 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion: 95 Resp: 103711

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	147.8
176	72.8	0.0	142.8



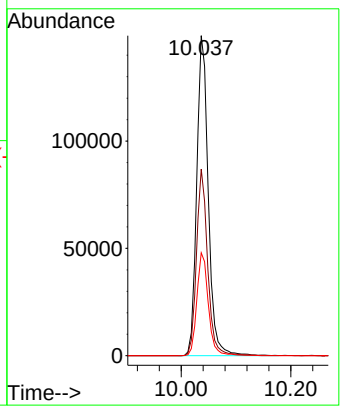


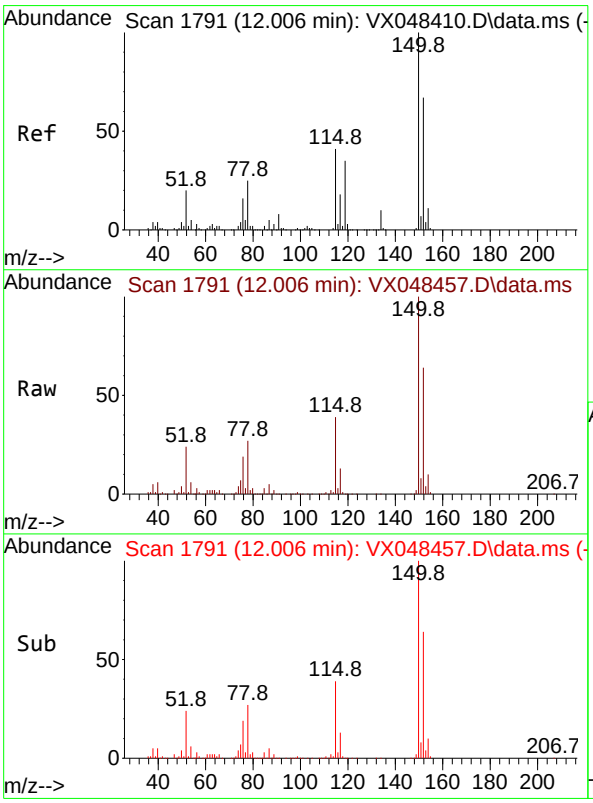
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 218816

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.5	69.7
119	32.1	25.9	38.9

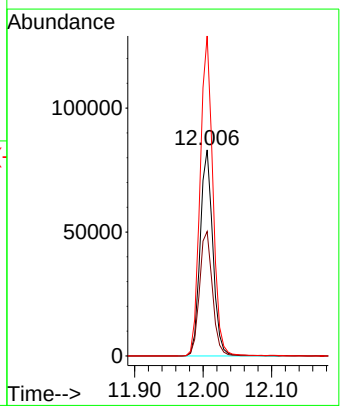




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048457.D
Acq: 03 Nov 2025 15:20

Tgt Ion:152 Resp: 107167

Ion	Ratio	Lower	Upper
152	100		
115	61.7	43.1	129.4
150	155.9	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV2	84074	273054	35.67%	6.324%
2	5.537	720	730	756	rVB	154406	484516	63.30%	11.221%
3	5.946	786	797	821	rBV	99063	295121	38.56%	6.835%
4	6.745	918	928	948	rBV	222952	601805	78.62%	13.937%
5	8.634	1229	1238	1259	rBV	461611	765428	100.00%	17.727%
6	10.037	1462	1468	1489	rBV	480993	696483	90.99%	16.130%
7	11.067	1631	1637	1649	rBV	371259	518851	67.79%	12.016%
8	12.006	1785	1791	1805	rBV	516059	682697	89.19%	15.811%

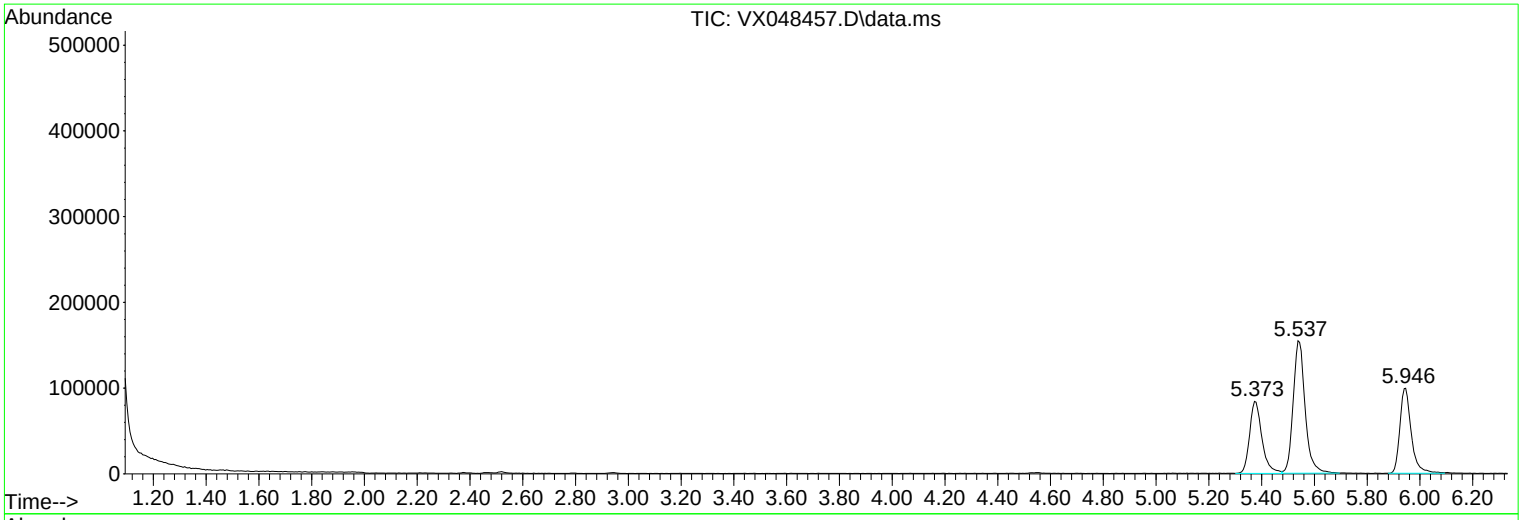
Sum of corrected areas: 4317955

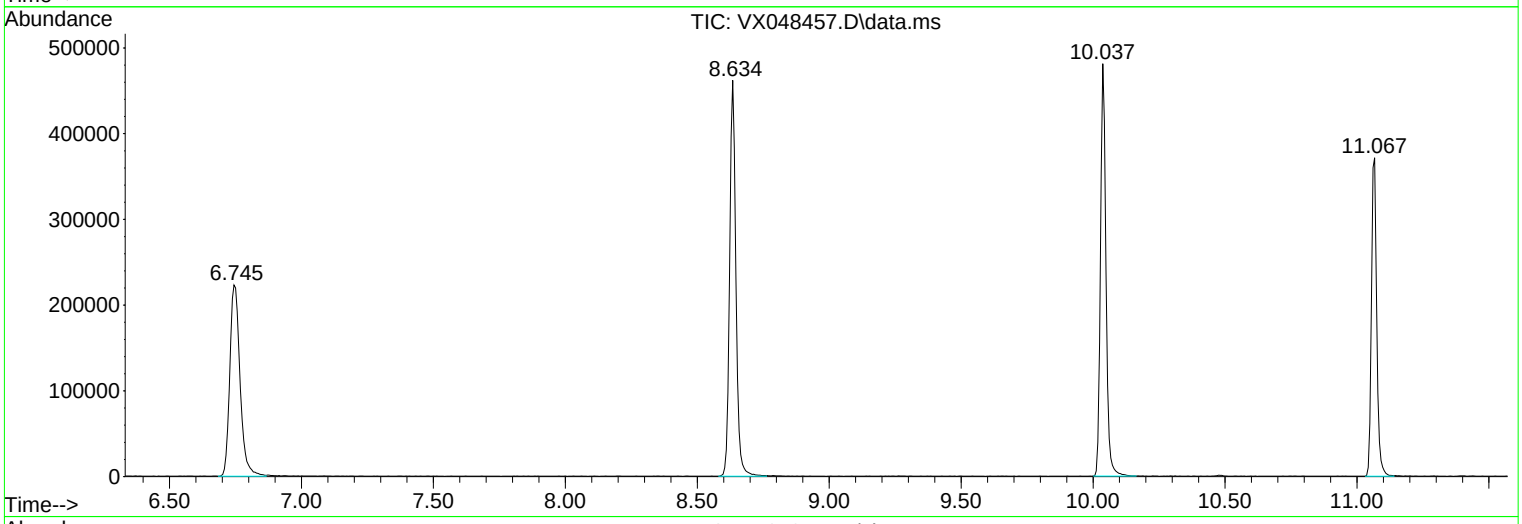
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

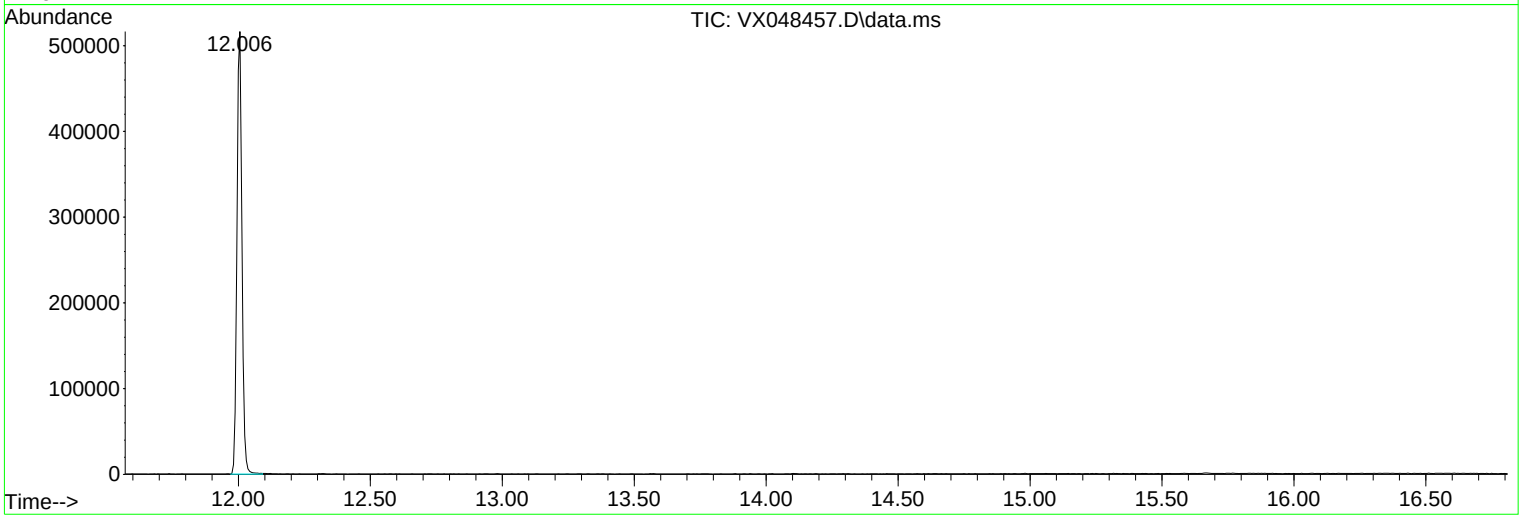
Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048457.D
Acq On : 03 Nov 2025 15:20
Operator : JC/MD
Sample : Q3495-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	109923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	221003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85260	53.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.860%			
35) Dibromofluoromethane	5.373	113	63824	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.634	98	270510	48.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.061	95	119942	57.646	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.300%			

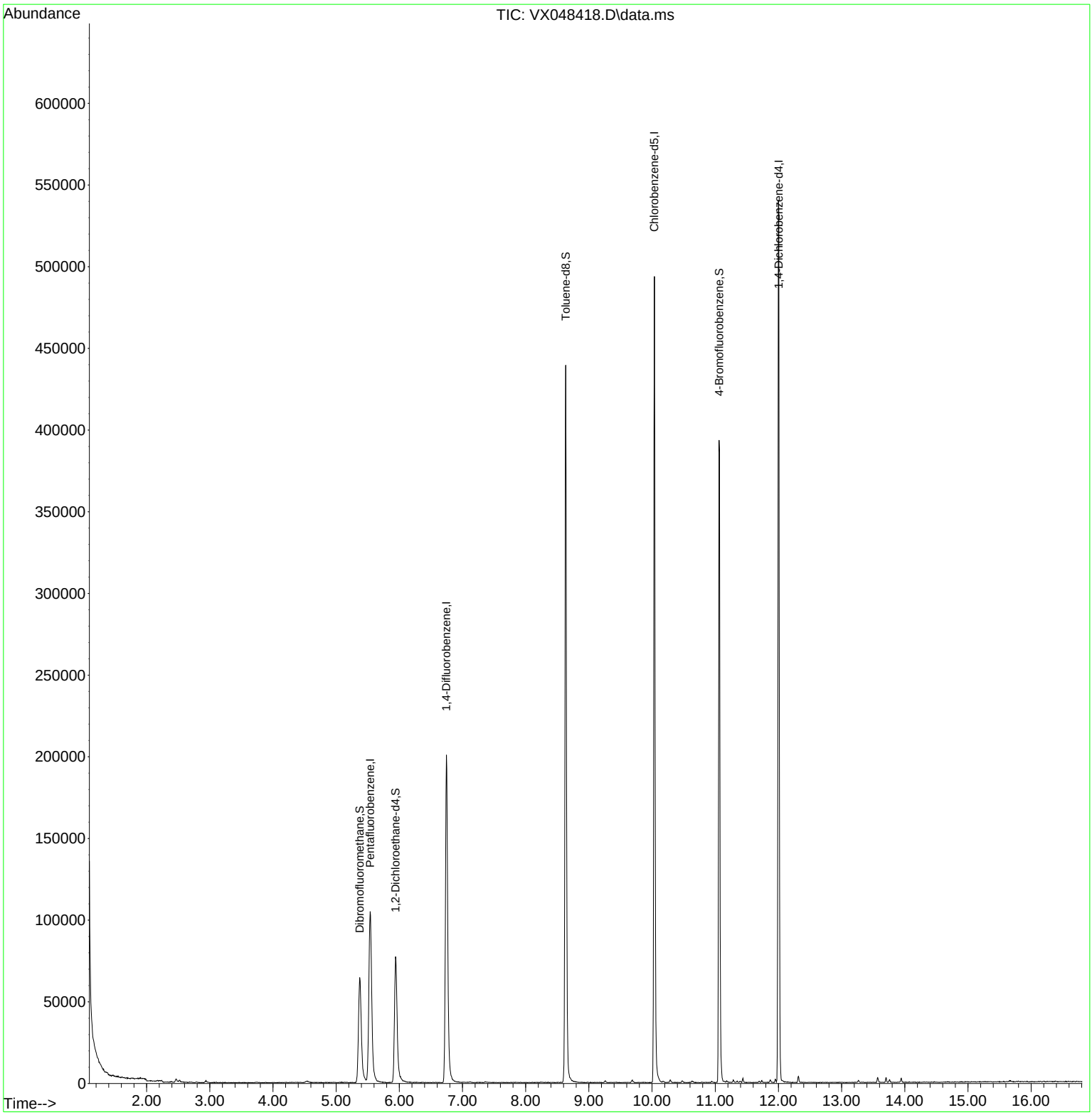
Target Compounds Qvalue

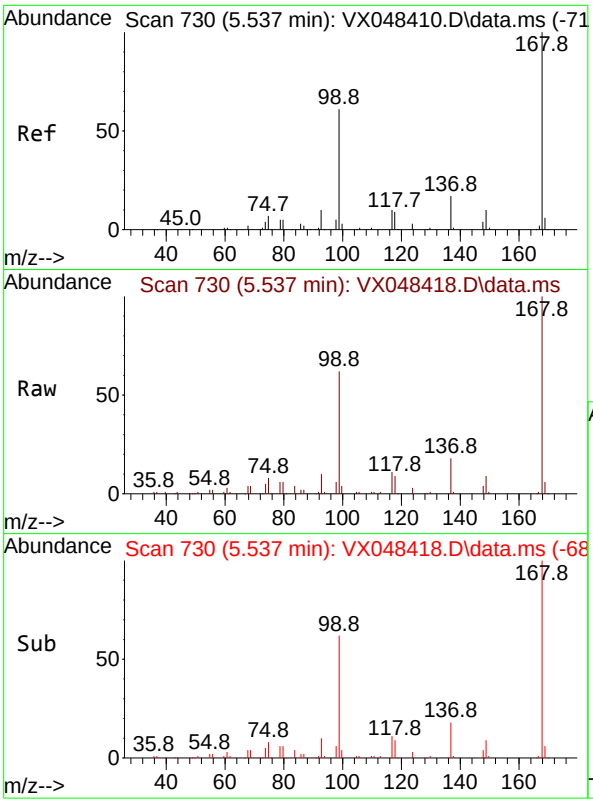
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Time: Oct 31 22:59:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



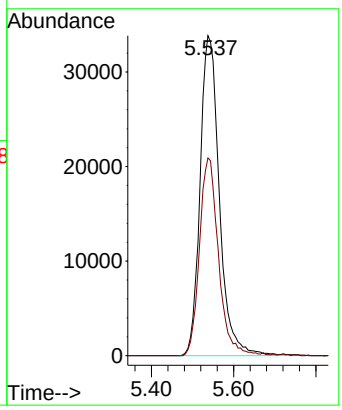


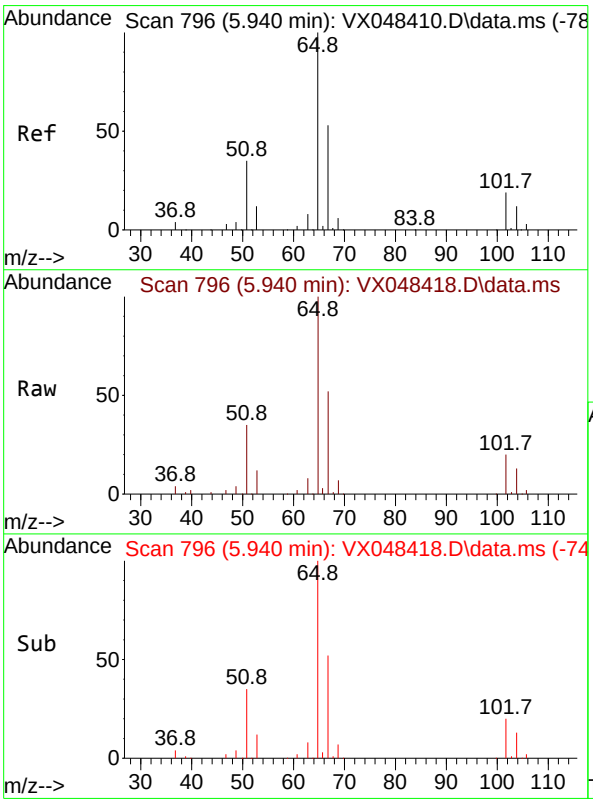
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:168 Resp: 109923

Ion	Ratio	Lower	Upper
168	100		
99	61.8	46.4	69.6

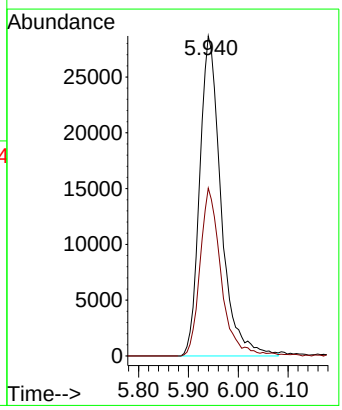


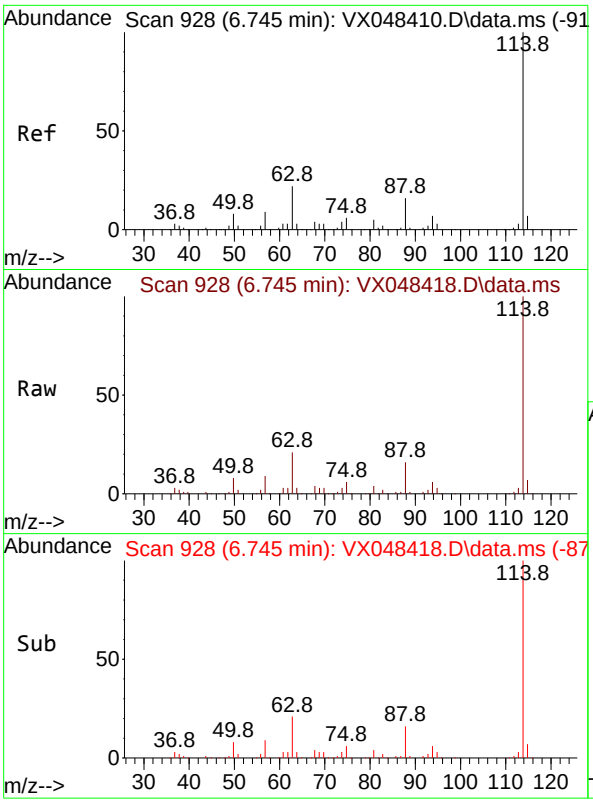


#33
1,2-Dichloroethane-d4
Concen: 53.933 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 65 Resp: 85260

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



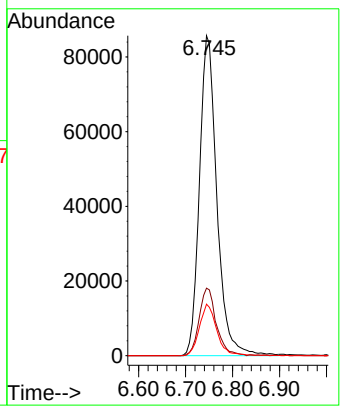


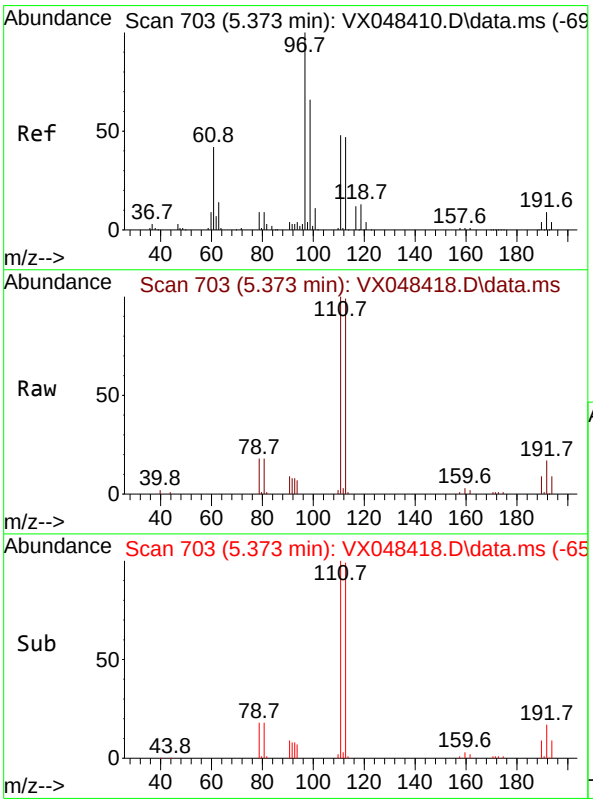
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:114 Resp: 221003

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	16.1	0.0	33.6

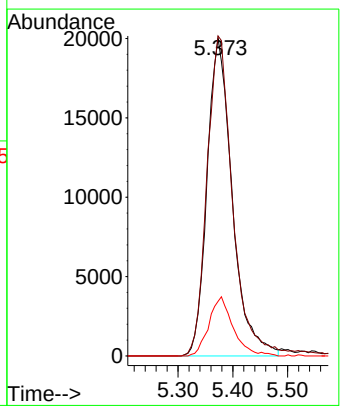


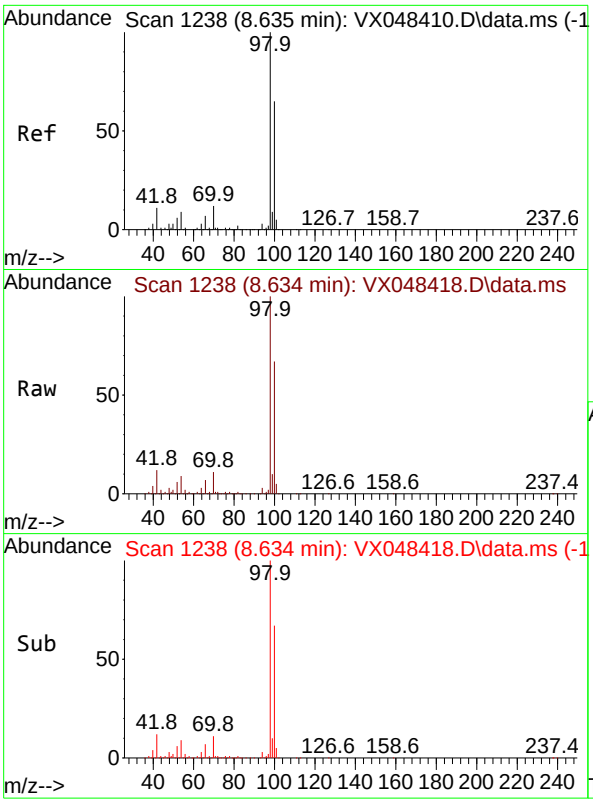


#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:113 Resp: 63824

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.0	15.1	22.7



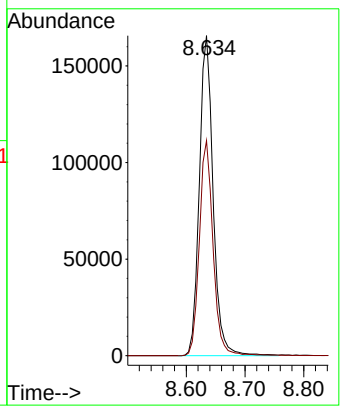


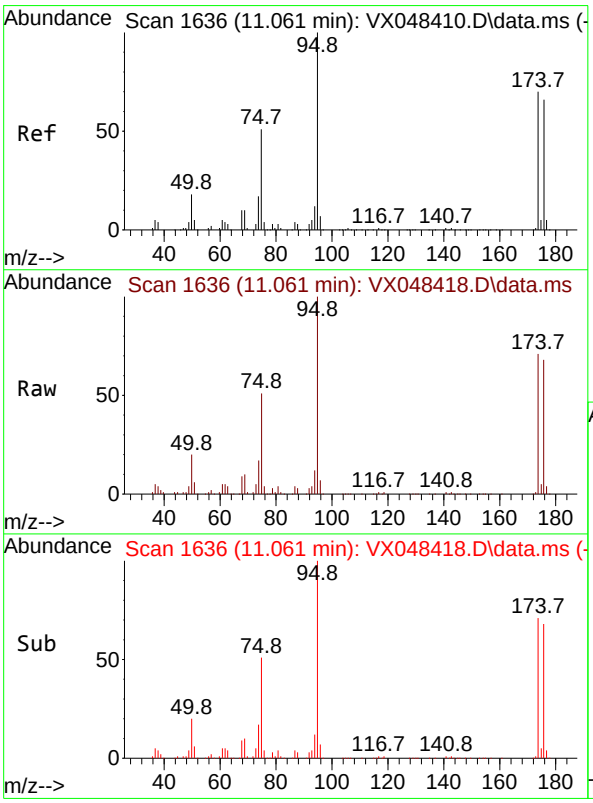
#50
Toluene-d8
Concen: 48.635 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion: 98 Resp: 270510

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4

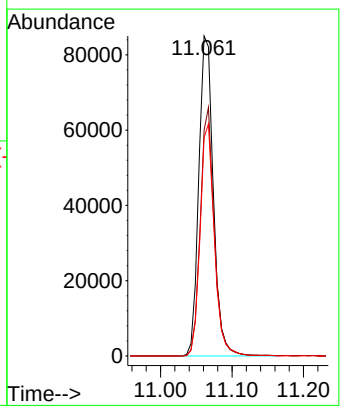


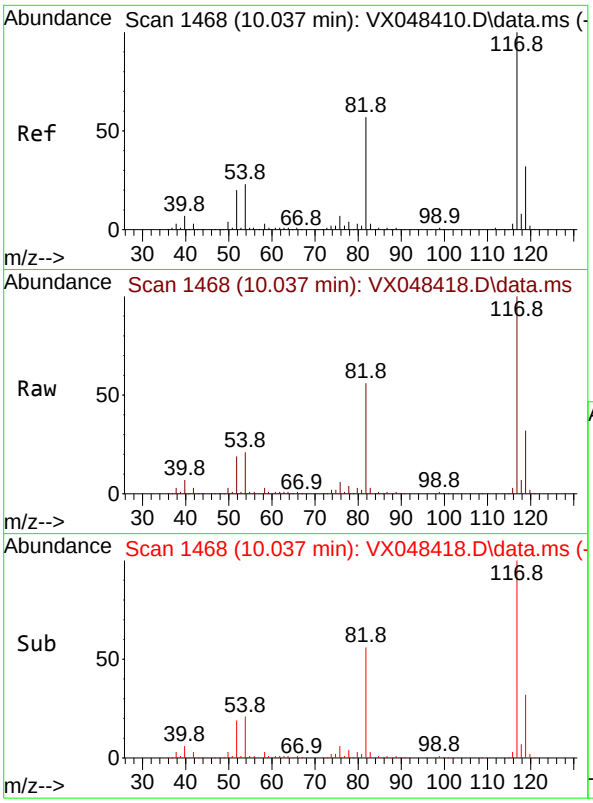


#62
4-Bromofluorobenzene
Concen: 57.646 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion: 95 Resp: 119942

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	147.8
176	70.9	0.0	142.8



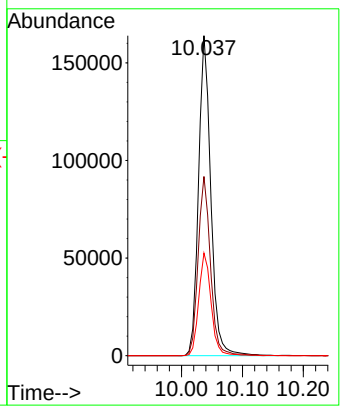


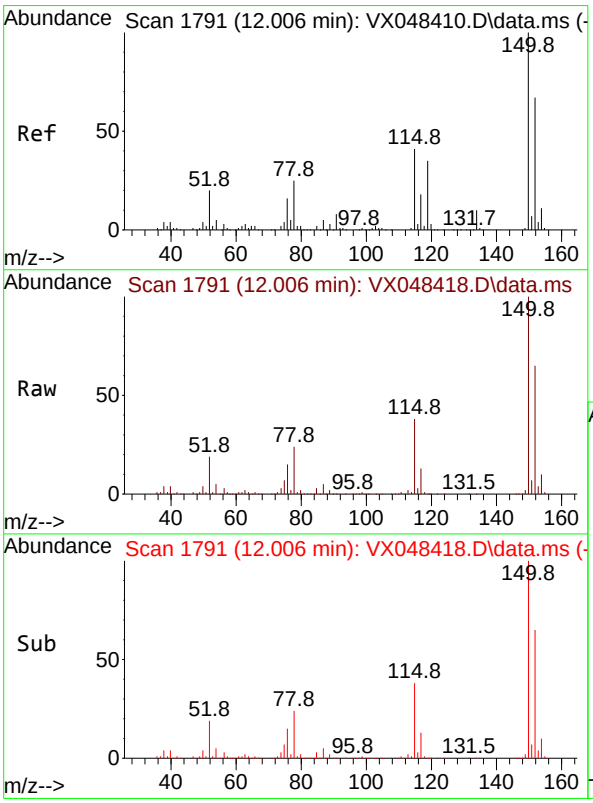
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Tgt Ion:117 Resp: 229713

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	32.1	25.9	38.9

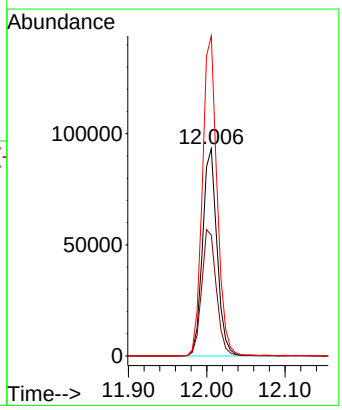




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048418.D
Acq: 31 Oct 2025 10:06

Tgt Ion:152 Resp: 119652

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.1	129.4
150	156.4	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	692	703	719	rBV2	64419	206653	28.29%	5.180%
2	5.537	720	730	749	rVB	104056	327330	44.81%	8.206%
3	5.940	786	796	815	rBV	76979	227778	31.19%	5.710%
4	6.745	915	928	949	rBV	200557	513974	70.37%	12.884%
5	8.634	1229	1238	1254	rBV	439136	730407	100.00%	18.310%
6	10.037	1462	1468	1488	rBV	493365	700400	95.89%	17.558%
7	11.061	1631	1636	1647	rBV	393157	556846	76.24%	13.959%
8	12.000	1785	1790	1798	rBV	539795	725707	99.36%	18.192%

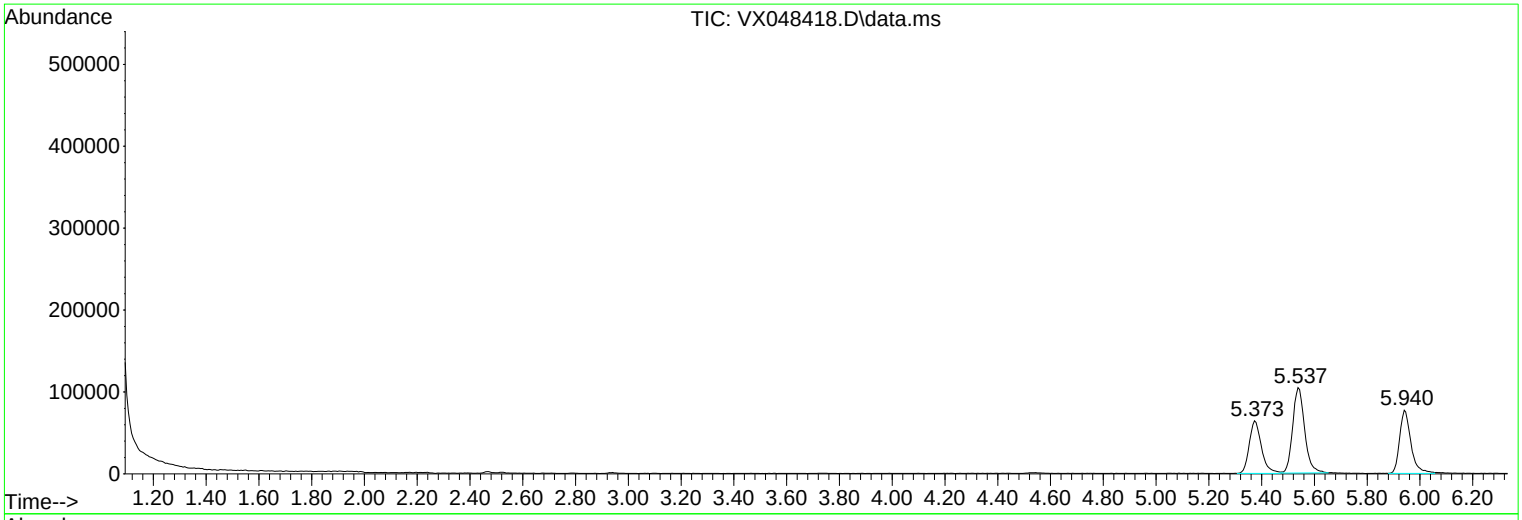
Sum of corrected areas: 3989095

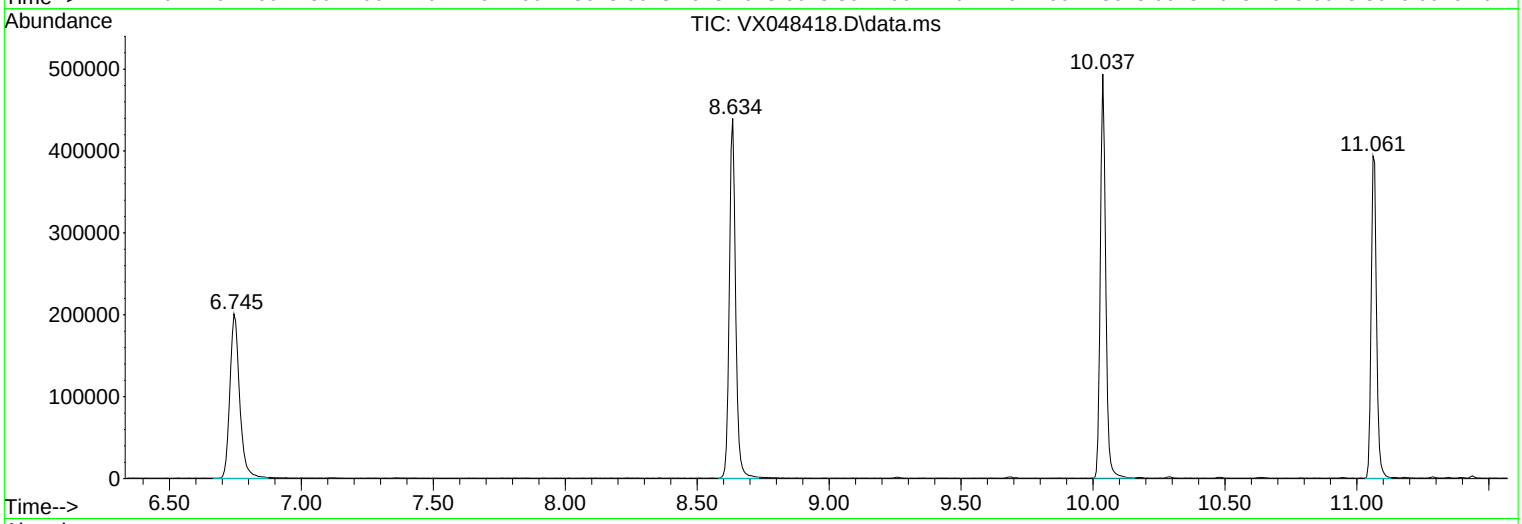
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

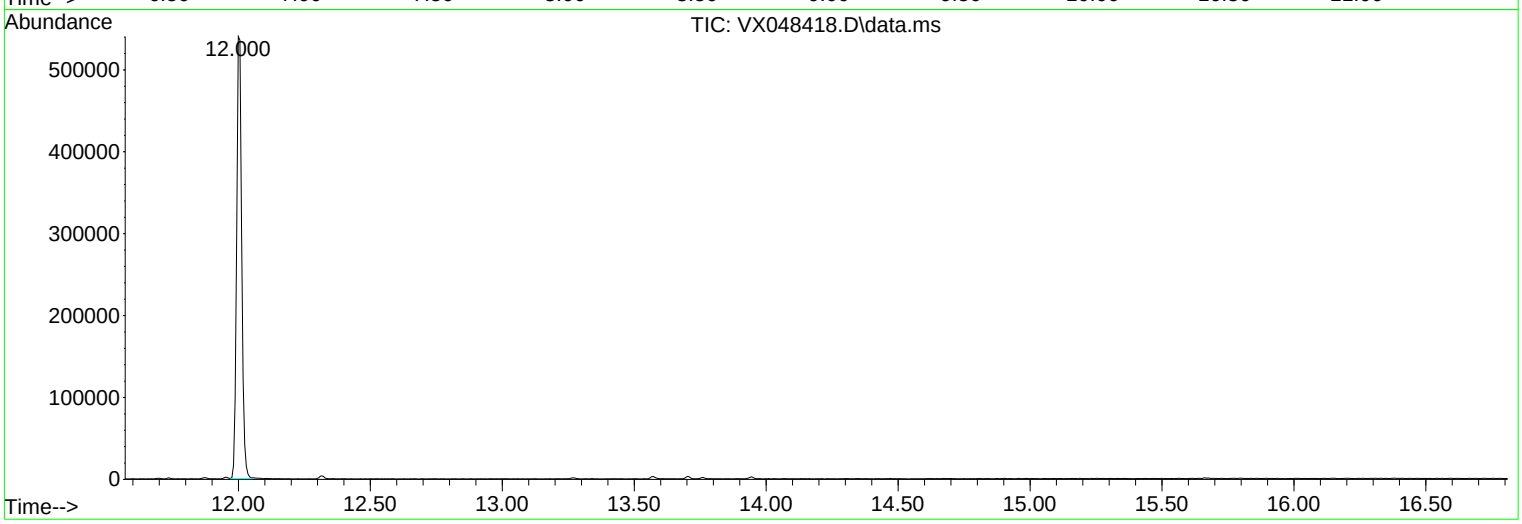
Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048418.D
Acq On : 31 Oct 2025 10:06
Operator : JC/MD
Sample : VX1031WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Time: Nov 04 00:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

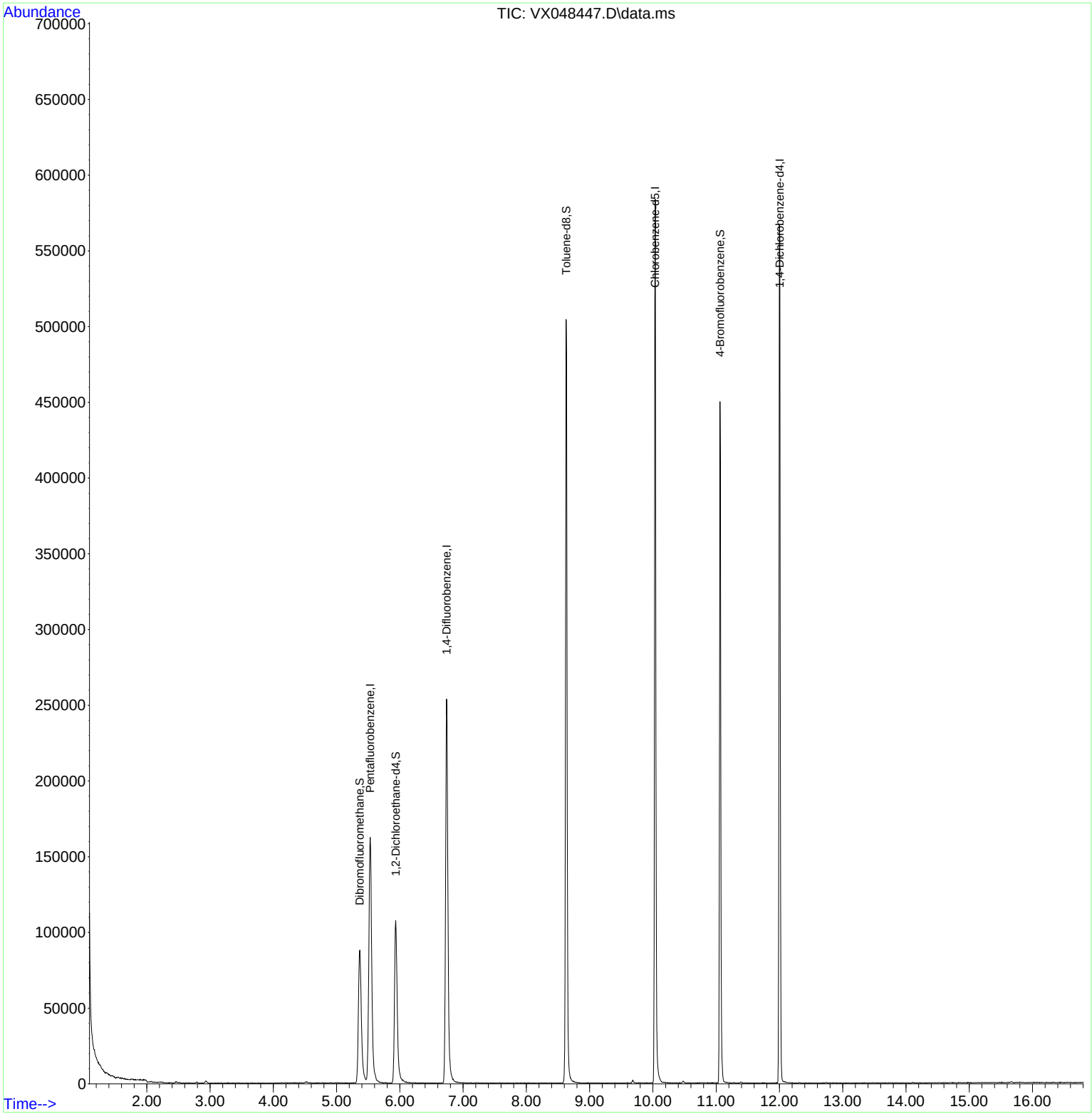
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	160467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	268071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121597	52.690	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.380%			
35) Dibromofluoromethane	5.367	113	91442	59.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.660%			
50) Toluene-d8	8.629	98	306638	45.451	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.900%#			
62) 4-Bromofluorobenzene	11.061	95	122008	48.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.680%			
Target Compounds						Qvalue

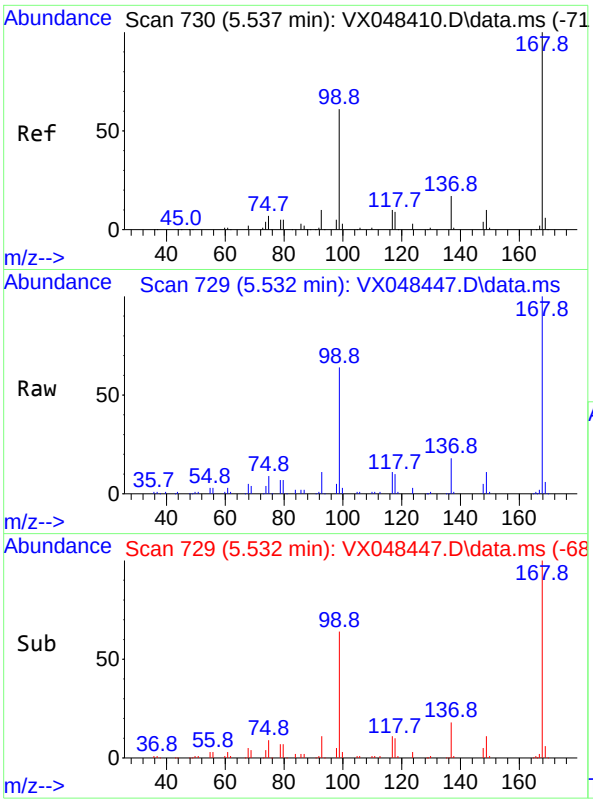
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Time: Nov 04 00:08:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration



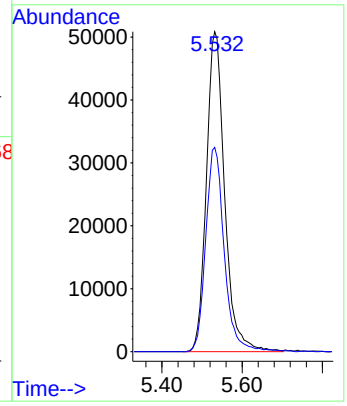


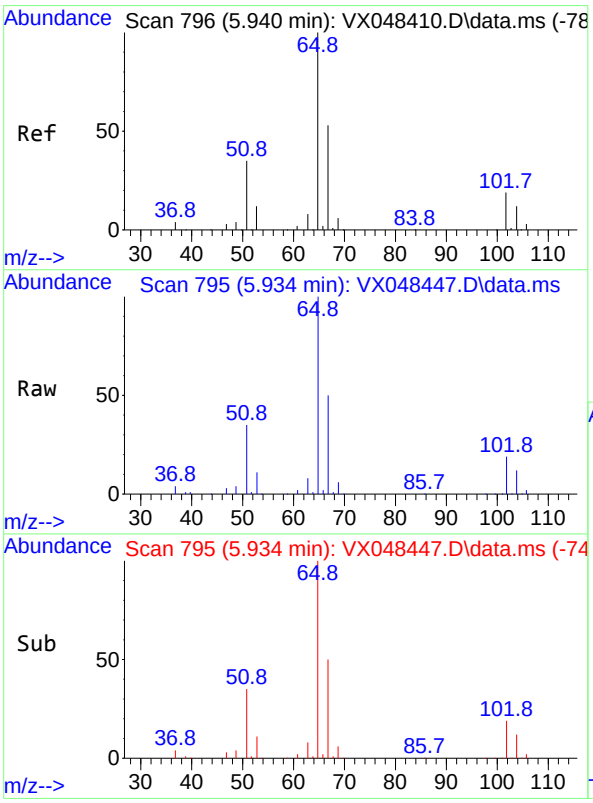
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.005 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:168 Resp: 160467

Ion	Ratio	Lower	Upper
168	100		
99	63.9	46.4	69.6

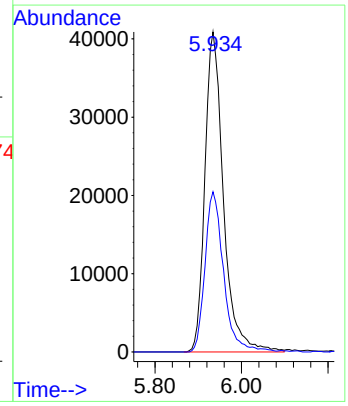


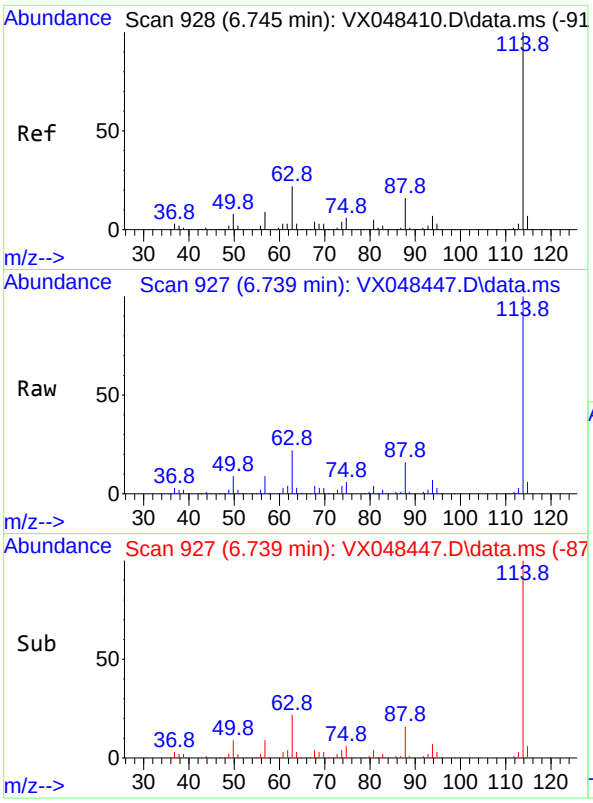


#33
1,2-Dichloroethane-d4
Concen: 52.690 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion: 65 Resp: 121597

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.0



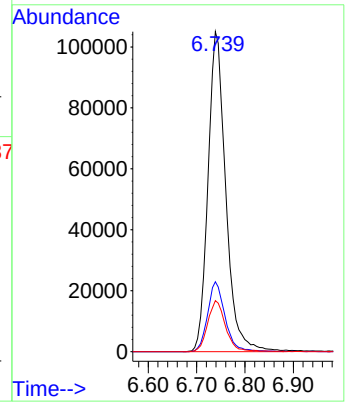


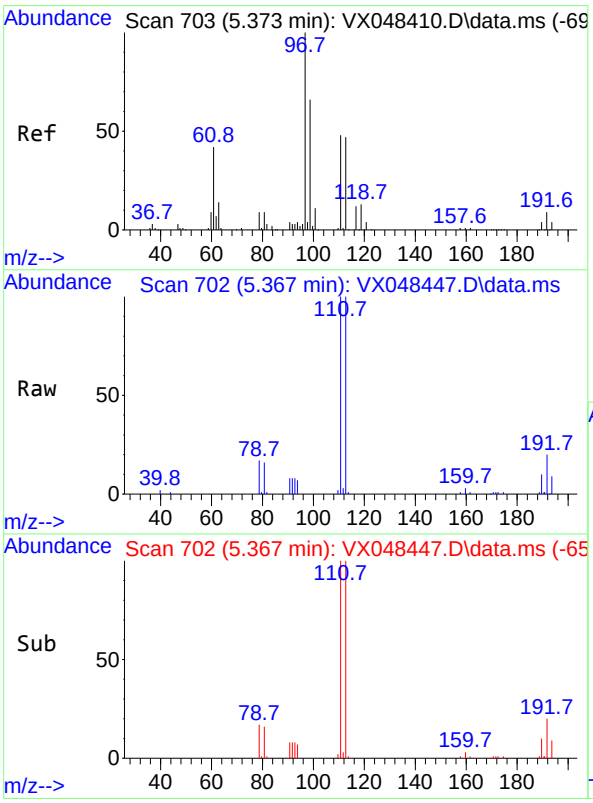
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:114 Resp: 268071

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	15.9	0.0	33.6

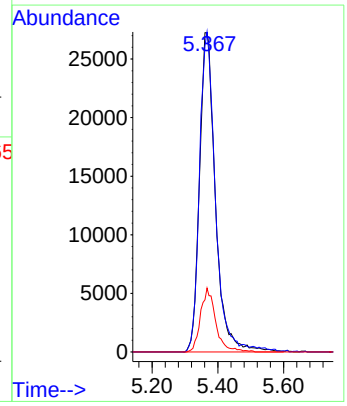


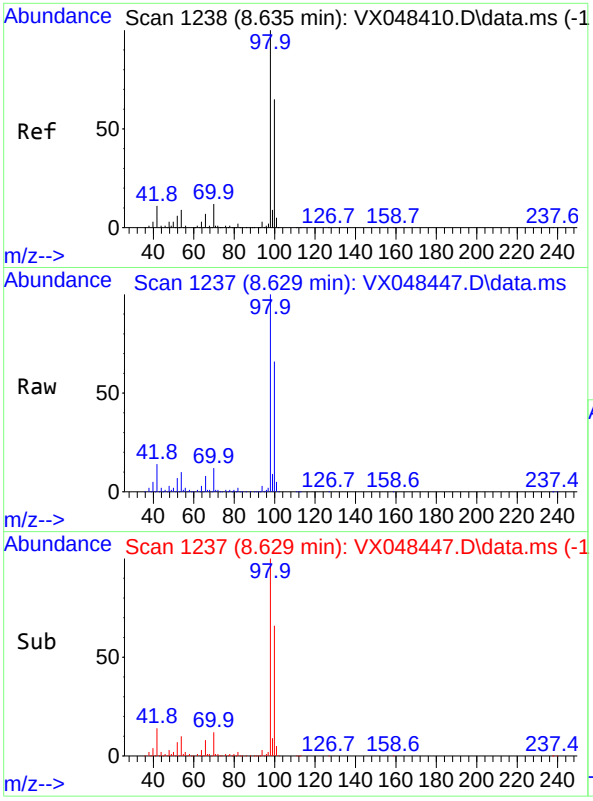


#35
Dibromofluoromethane
Concen: 59.830 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion:113 Resp: 91442

Ion	Ratio	Lower	Upper
113	100		
111	98.0	82.2	123.4
192	19.1	15.1	22.7



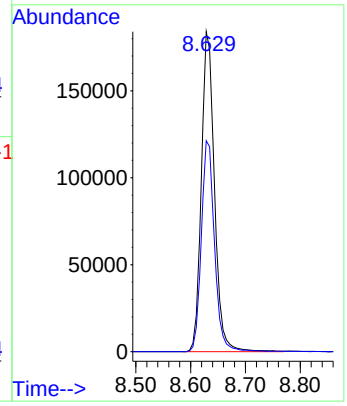


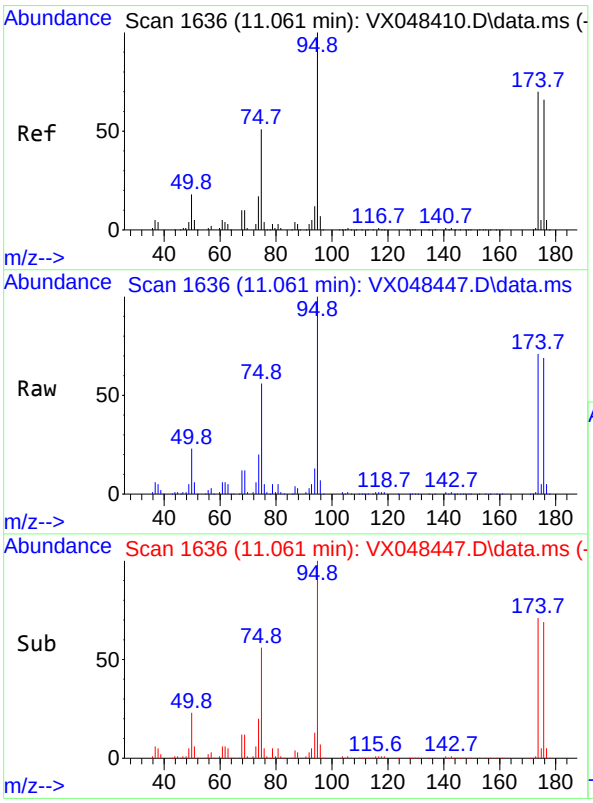
#50
Toluene-d8
Concen: 45.451 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion: 98 Resp: 306638

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

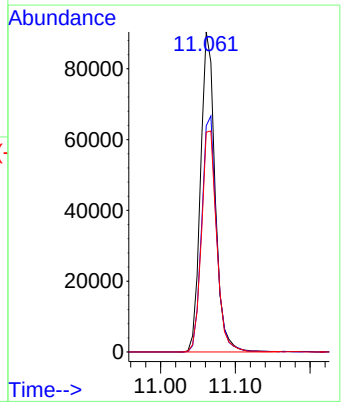


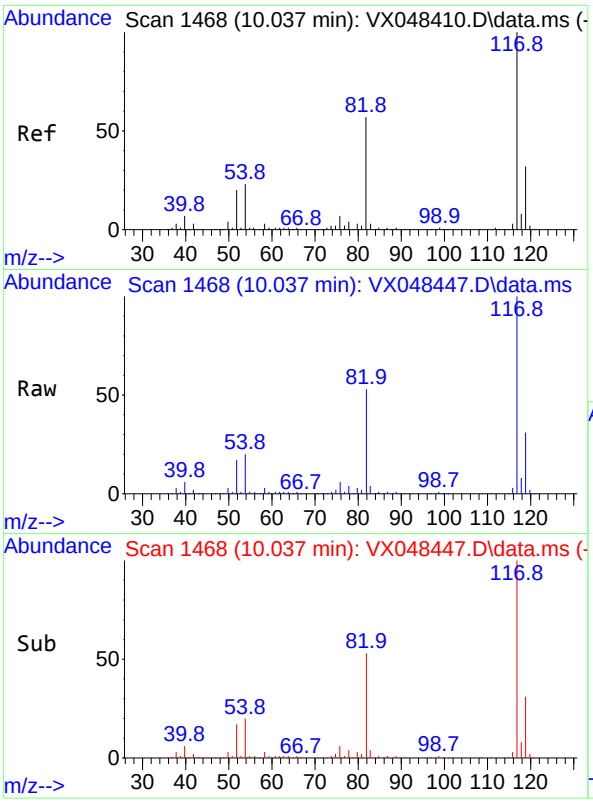


#62
4-Bromofluorobenzene
Concen: 48.343 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion: 95 Resp: 122008

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	147.8
176	72.4	0.0	142.8



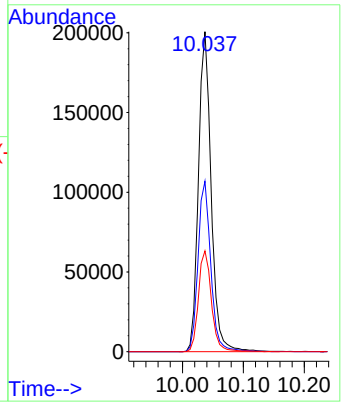


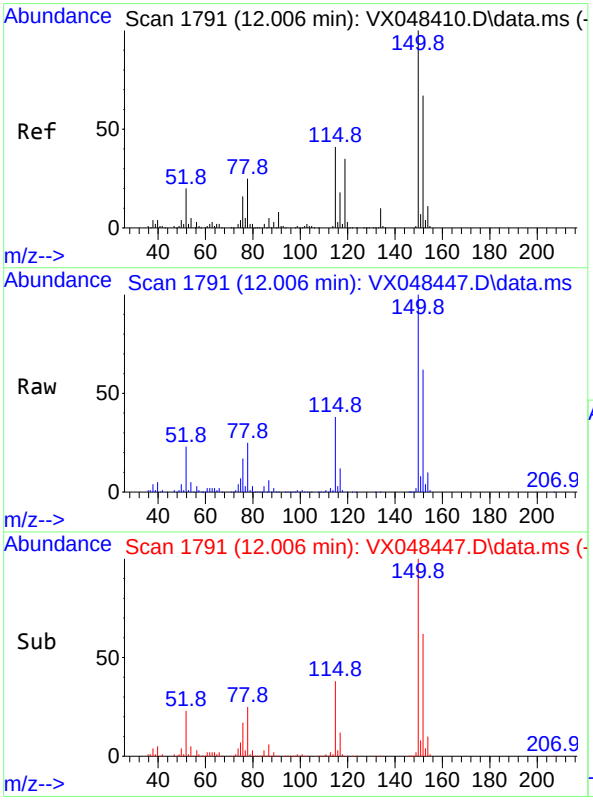
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Tgt Ion:117 Resp: 290044

Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.5	69.7
119	31.5	25.9	38.9

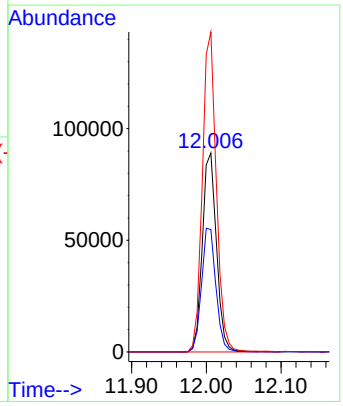




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048447.D
Acq: 03 Nov 2025 11:25

Tgt Ion:152 Resp: 117306

Ion	Ratio	Lower	Upper
152	100		
115	63.2	43.1	129.4
150	158.7	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Title : SW846 8260

Signal : TIC: VX048447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	691	702	718	rBV3	87843	288324	33.67%	5.974%
2	5.532	718	729	747	rVB	160829	496470	57.98%	10.286%
3	5.934	784	795	812	rBV	107311	317669	37.10%	6.582%
4	6.739	914	927	943	rBV	253654	646527	75.51%	13.395%
5	8.629	1228	1237	1256	rBV	504266	856256	100.00%	17.741%
6	10.037	1462	1468	1488	rBV	583531	855570	99.92%	17.726%
7	11.061	1631	1636	1650	rBV	450089	609421	71.17%	12.627%
8	12.000	1785	1790	1801	rBV	567060	756272	88.32%	15.669%

Sum of corrected areas: 4826509

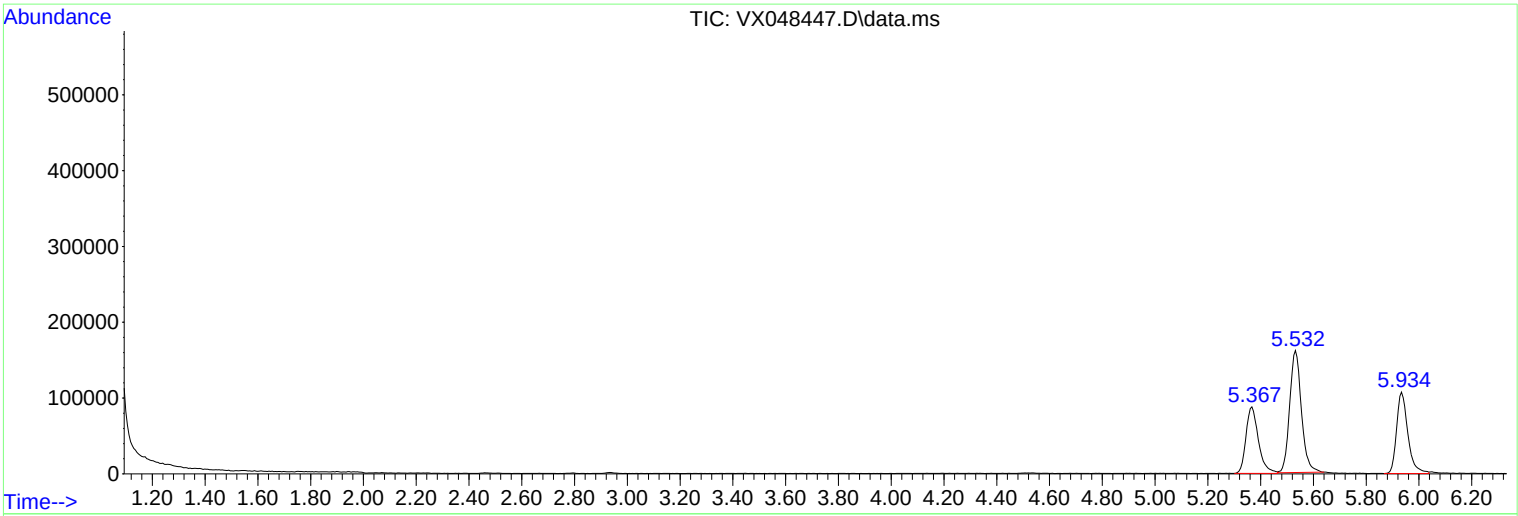
Sample Results: **VX048447.D**

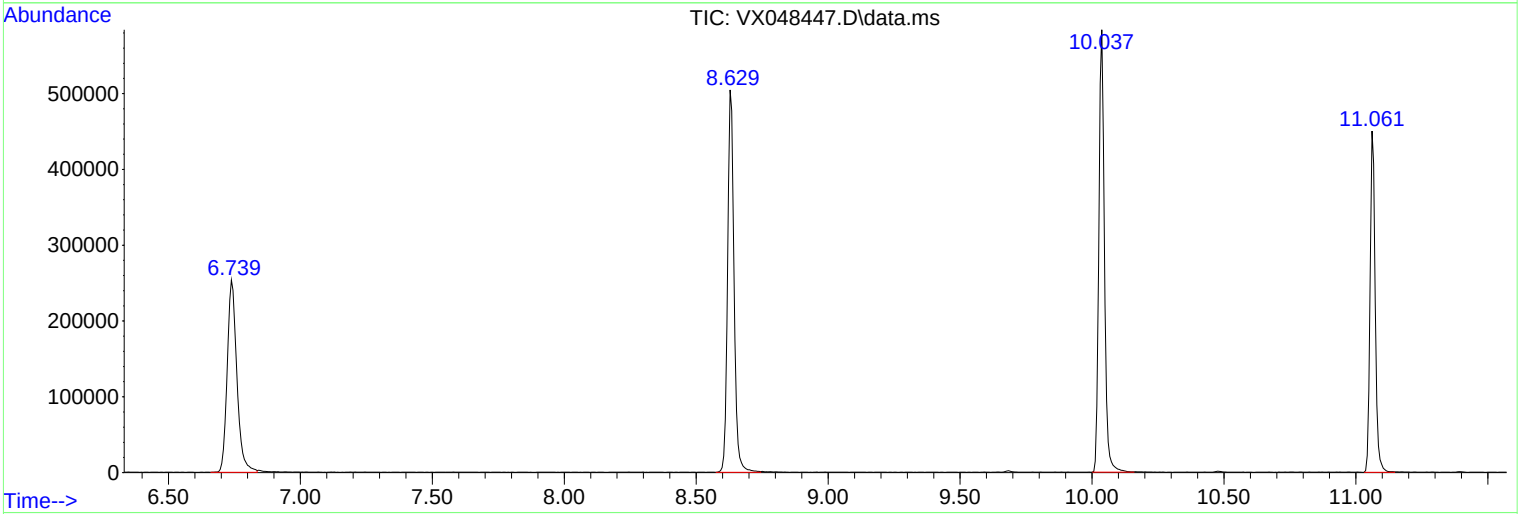
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

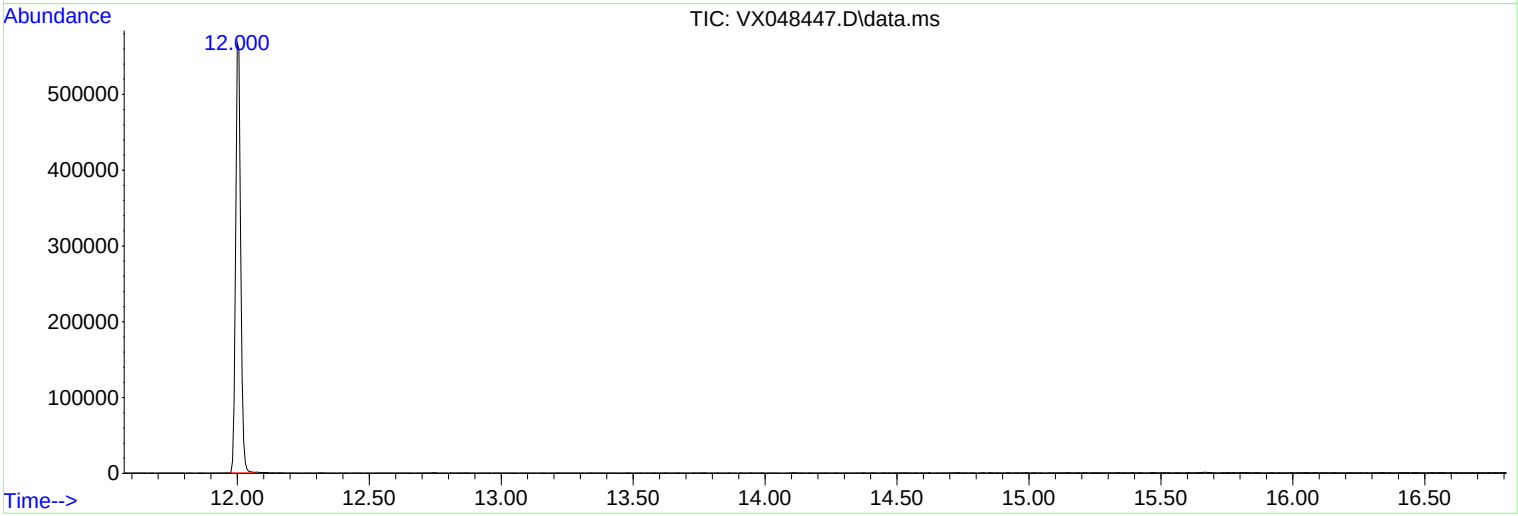
Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048447.D
Acq On : 03 Nov 2025 11:25
Operator : JC/MD
Sample : VX1103WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Time: Oct 31 02:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	742027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1269076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1061841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	422864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	346812	55.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.640	113	403238	51.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.420%			
50) Toluene-d8	10.109	98	1439935	49.584	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.408	95	396962	41.404	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.800%			

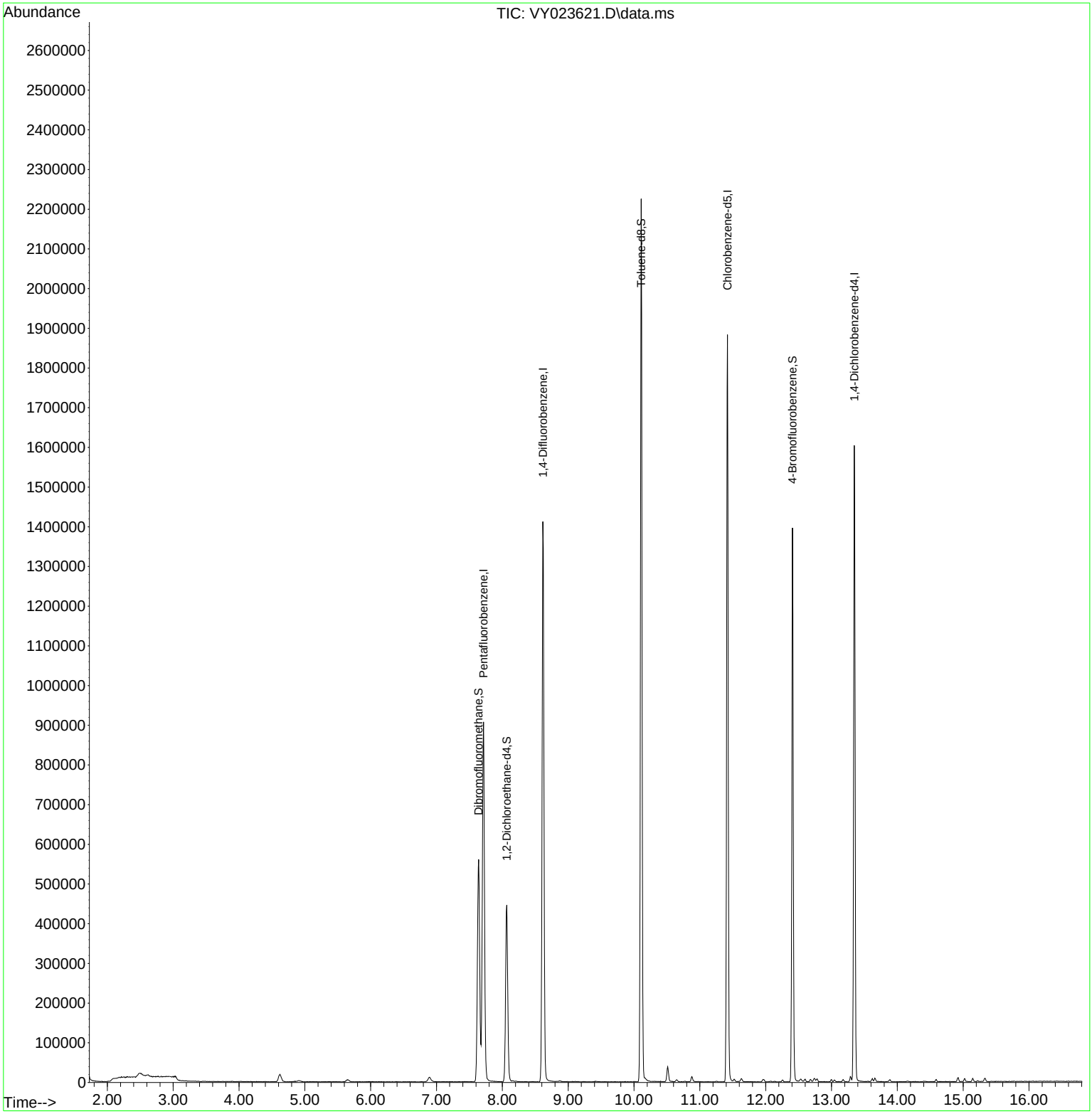
Target Compounds Qvalue

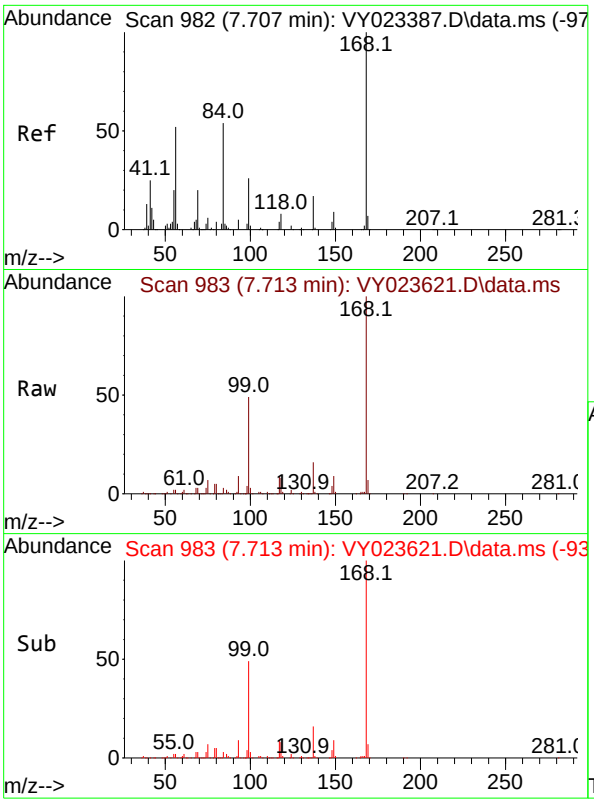
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Time: Oct 31 02:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



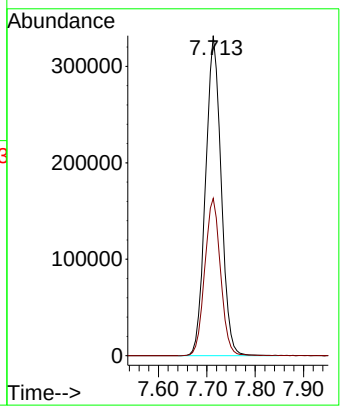


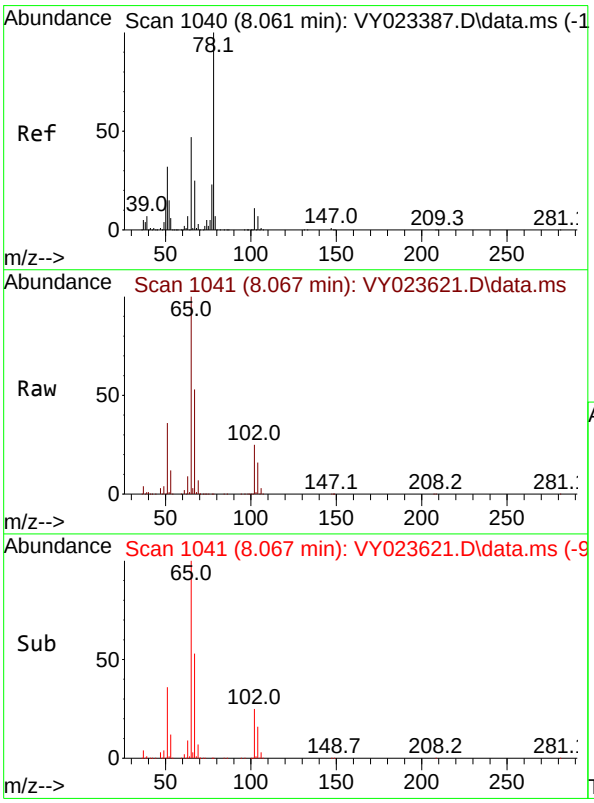
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:168 Resp: 742027

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.7	59.5

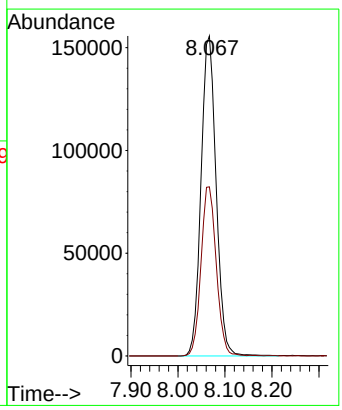


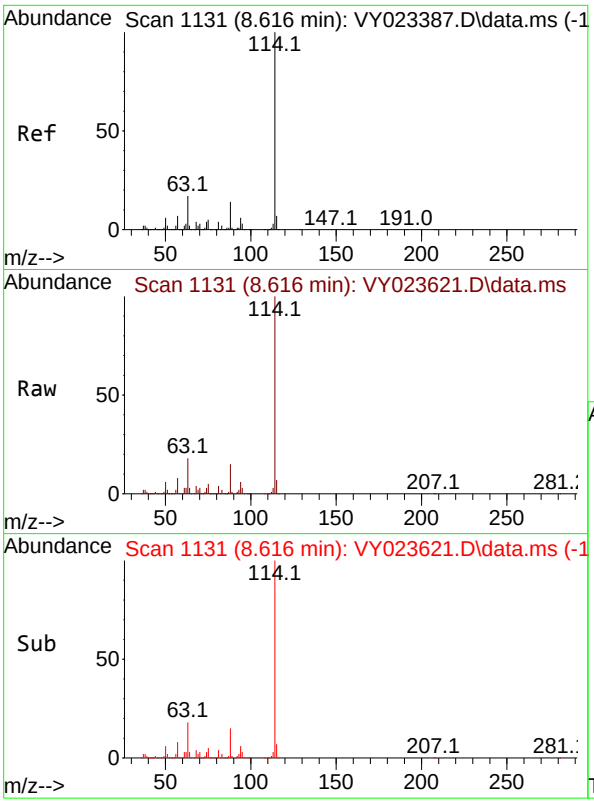


#33
1,2-Dichloroethane-d4
Concen: 55.893 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion: 65 Resp: 346812

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.8



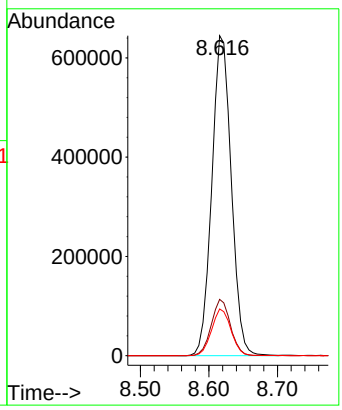


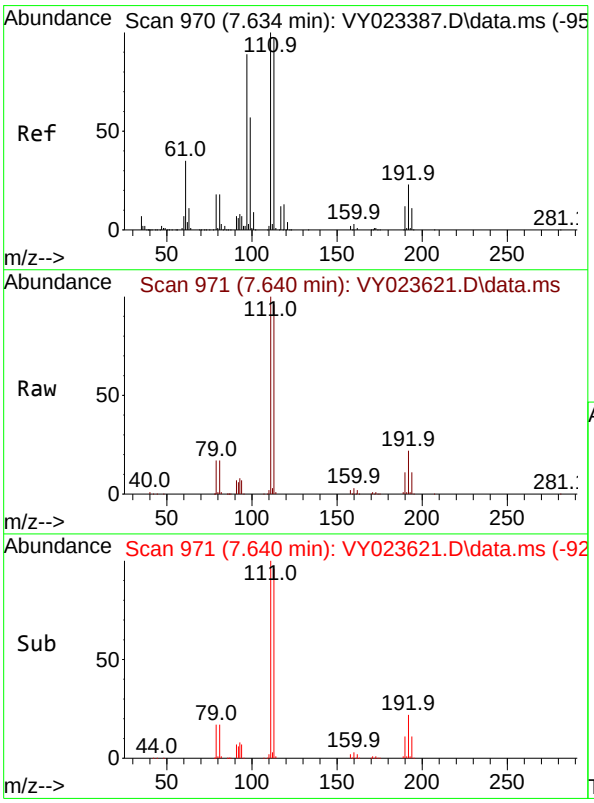
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:114 Resp: 1269076

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.2
88	14.6	0.0	28.4

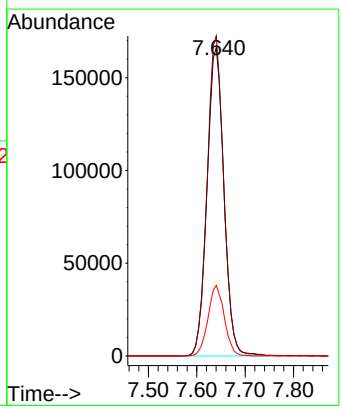


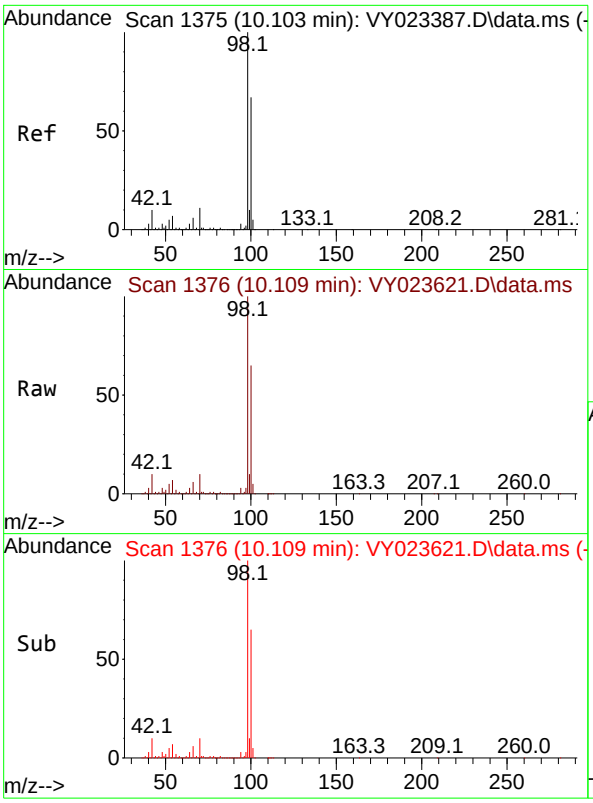


#35
Dibromofluoromethane
Concen: 51.711 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion:113 Resp: 403238

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.1	18.0	27.0



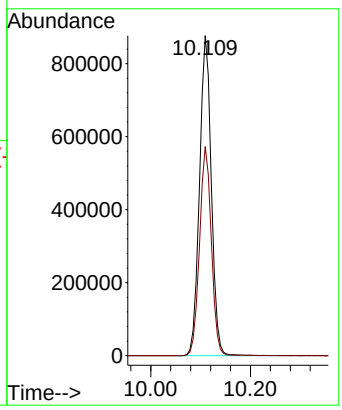


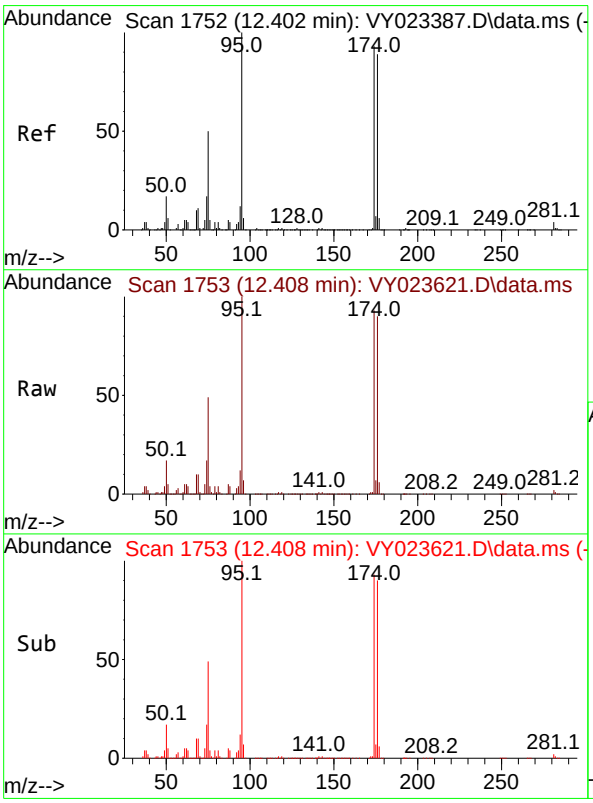
#50
Toluene-d8
Concen: 49.584 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion: 98 Resp: 1439935

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.4

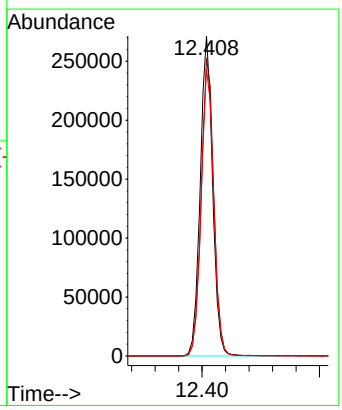


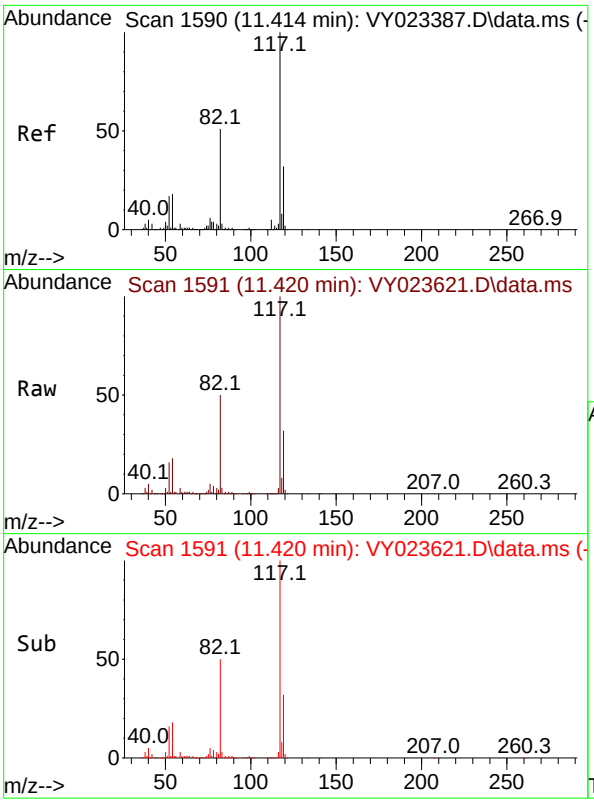


#62
4-Bromofluorobenzene
Concen: 41.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion: 95 Resp: 396962

Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	192.8
176	91.3	0.0	187.6



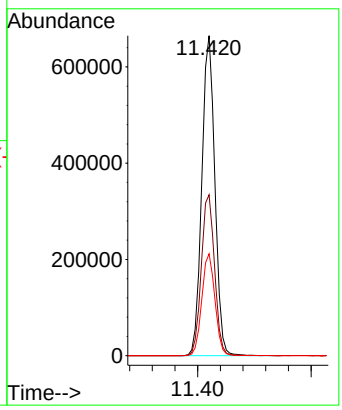


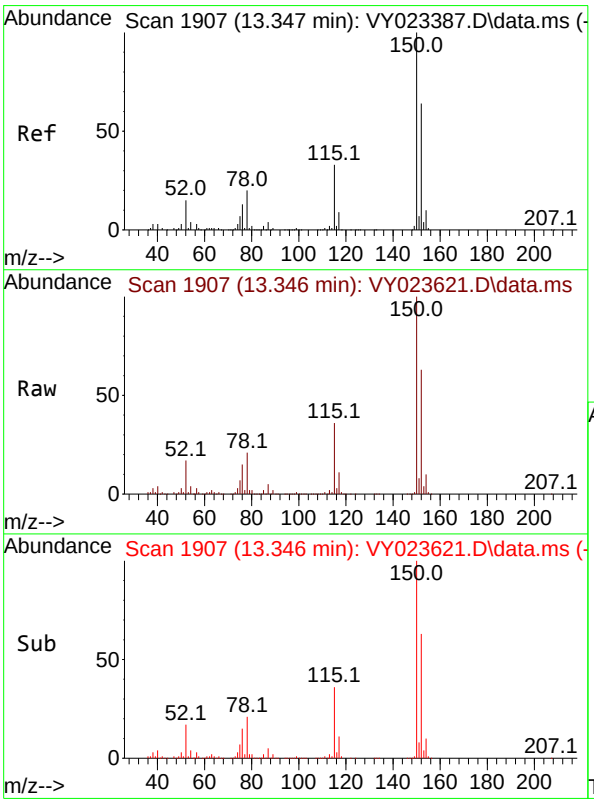
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion:117 Resp: 1061841

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.4
119	31.8	25.6	38.4

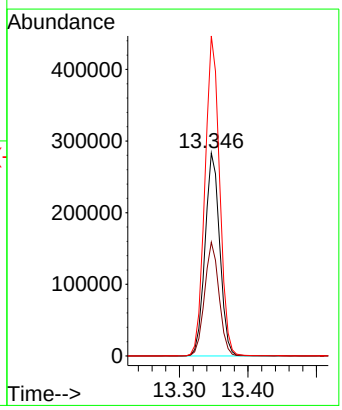




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion:152 Resp: 422864

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.2
150	157.0	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.622	467	476	491	rVB2	18938	59598	1.62%	0.320%
2	6.890	837	848	861	rBV	11723	39527	1.07%	0.212%
3	7.640	958	971	977	rBV	559966	1357501	36.87%	7.292%
4	7.713	977	983	1003	rVB	905590	2046969	55.60%	10.996%
5	8.067	1031	1041	1053	rBV	445115	995220	27.03%	5.346%
6	8.616	1122	1131	1147	rBV	1411391	2778307	75.47%	14.925%
7	10.109	1368	1376	1385	rBV	2224348	3681416	100.00%	19.776%
8	10.512	1434	1442	1450	rBV	37696	70240	1.91%	0.377%
9	11.420	1582	1591	1604	rBV	1882146	3058974	83.09%	16.433%
10	12.408	1745	1753	1765	rBV	1395361	2110783	57.34%	11.339%
11	13.346	1901	1907	1922	rVB	1602176	2416714	65.65%	12.982%

Sum of corrected areas: 18615249

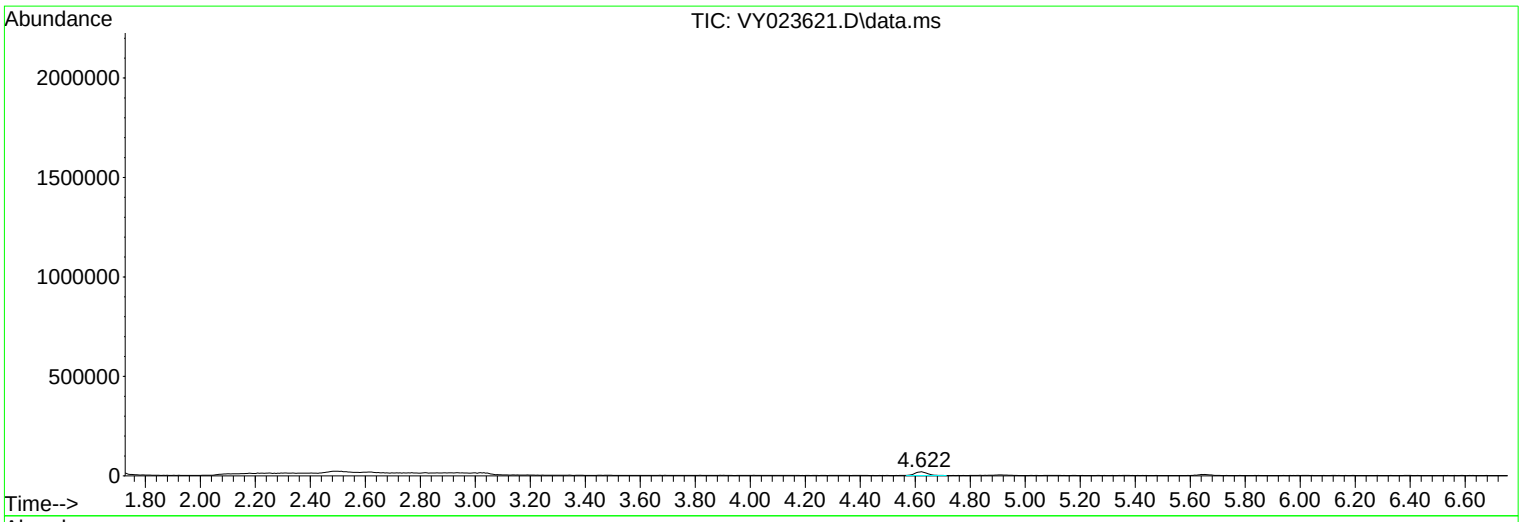
Sample Results: **VY023621.D**

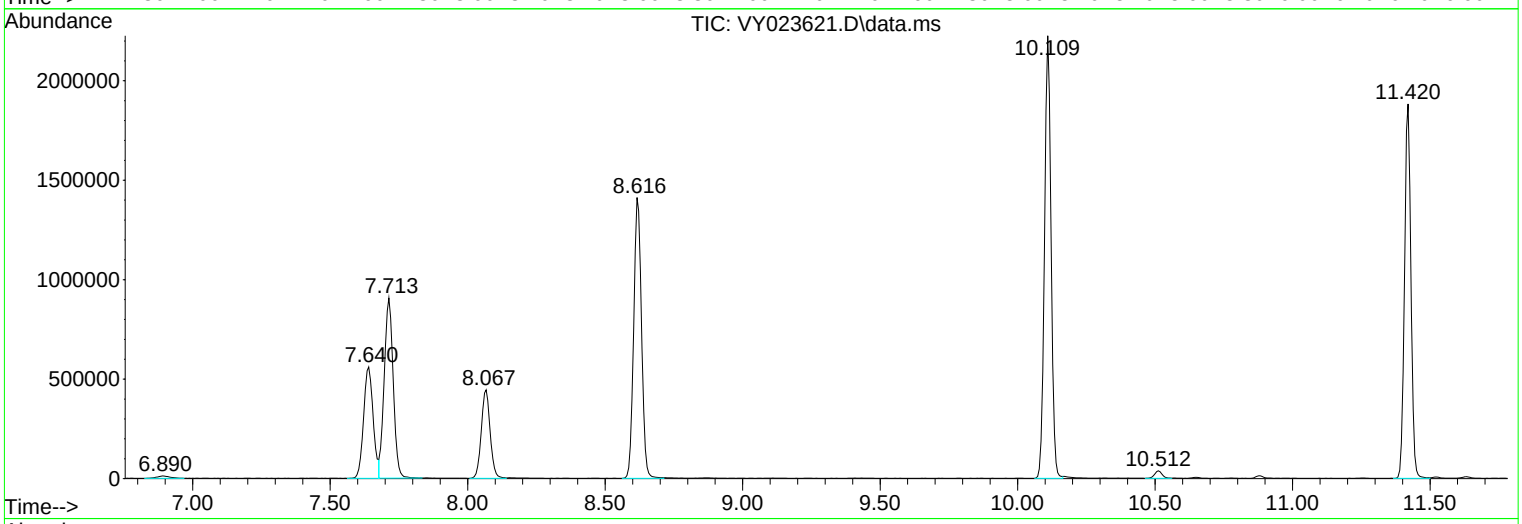
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

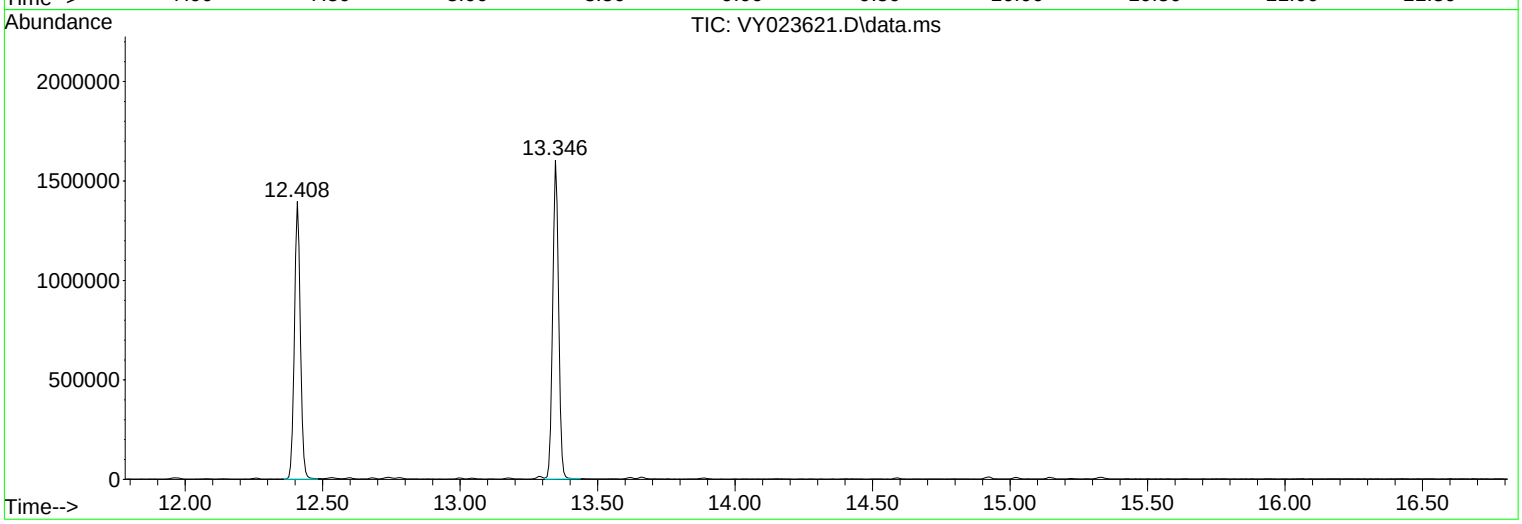
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023621.D
Acq On : 30 Oct 2025 09:40
Operator : SY/MD
Sample : VY1030SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	179964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	315014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	149233	57.660	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.320%			
35) Dibromofluoromethane	5.367	113	96465	53.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.420%			
50) Toluene-d8	8.629	98	419599	52.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.860%			
62) 4-Bromofluorobenzene	11.061	95	162520	54.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	31221	17.007	ug/l	96
3) Chloromethane	1.301	50	18751	18.104	ug/l	95
4) Vinyl Chloride	1.380	62	41628	17.400	ug/l	96
5) Bromomethane	1.618	94	17650	20.422	ug/l	96
6) Chloroethane	1.697	64	25235	17.736	ug/l	98
7) Trichlorofluoromethane	1.898	101	64043	17.468	ug/l	100
8) Diethyl Ether	2.130	74	23913	18.047	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36530	17.714	ug/l	98
10) Methyl Iodide	2.459	142	137090	16.532	ug/l	99
11) Tert butyl alcohol	2.934	59	18684	94.226	ug/l	97
12) 1,1-Dichloroethene	2.325	96	37098	17.710	ug/l	97
13) Acrolein	2.233	56	40806	98.591	ug/l	97
14) Allyl chloride	2.666	41	64102	18.071	ug/l	97
15) Acrylonitrile	3.050	53	83276	92.317	ug/l	99
16) Acetone	2.367	43	53157	90.620	ug/l	99
17) Carbon Disulfide	2.514	76	107086	17.830	ug/l	99
18) Methyl Acetate	2.697	43	32640	16.637	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	123399	18.396	ug/l	98
20) Methylene Chloride	2.788	84	41770	18.473	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	39756	17.868	ug/l	95
22) Diisopropyl ether	3.745	45	136738	18.832	ug/l	99
23) Vinyl Acetate	3.709	43	486116	98.352	ug/l	98
24) 1,1-Dichloroethane	3.605	63	74934	18.185	ug/l	96
25) 2-Butanone	4.532	43	86529	92.338	ug/l	98
26) 2,2-Dichloropropane	4.459	77	63639	17.937	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	47389	17.846	ug/l	98
28) Bromochloromethane	4.885	49	28642	15.337	ug/l	95
29) Tetrahydrofuran	4.983	42	60305	90.365	ug/l	95
30) Chloroform	5.074	83	77141	18.199	ug/l	99
31) Cyclohexane	5.452	56	63180	17.664	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	67520	18.043	ug/l	100
36) 1,1-Dichloropropene	5.678	75	51289	17.005	ug/l	99
37) Ethyl Acetate	4.690	43	41787	16.262	ug/l	99
38) Carbon Tetrachloride	5.660	117	59006	16.944	ug/l	97
39) Methylcyclohexane	7.360	83	62937	16.227	ug/l	93
40) Benzene	6.019	78	162671	17.655	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	24138	18.649	ug/l		98
42) 1,2-Dichloroethane	6.068	62	59086	18.206	ug/l		100
43) Isopropyl Acetate	6.318	43	76063	17.929	ug/l		98
44) Trichloroethene	7.111	130	42009	17.402	ug/l		91
45) 1,2-Dichloropropane	7.409	63	40933	17.788	ug/l		97
46) Dibromomethane	7.562	93	28574	17.738	ug/l		96
47) Bromodichloromethane	7.806	83	62667	18.309	ug/l		95
48) Methyl methacrylate	7.671	41	37681	18.213	ug/l		96
49) 1,4-Dioxane	7.635	88	8902	378.563	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	213519	90.434	ug/l		98
52) Toluene	8.702	92	102282	17.765	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	58232	18.770	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	62358	18.656	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	37254	17.880	ug/l		99
56) Ethyl methacrylate	9.098	69	53811	17.638	ug/l		99
57) 1,3-Dichloropropane	9.293	76	64586	17.878	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	135337	81.005	ug/l		96
59) 2-Hexanone	9.409	43	136354	88.756	ug/l		97
60) Dibromochloromethane	9.500	129	46040	17.867	ug/l		96
61) 1,2-Dibromoethane	9.592	107	38672	17.941	ug/l		97
64) Tetrachloroethene	9.256	164	37940	16.089	ug/l		98
65) Chlorobenzene	10.061	112	113508	16.826	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	39696	17.299	ug/l		98
67) Ethyl Benzene	10.177	91	190943	16.811	ug/l		99
68) m/p-Xylenes	10.281	106	146981	34.176	ug/l		97
69) o-Xylene	10.622	106	69700	16.960	ug/l		97
70) Styrene	10.634	104	119294	17.135	ug/l		99
71) Bromoform	10.781	173	28404	17.111	ug/l	#	99
73) Isopropylbenzene	10.945	105	178940	16.476	ug/l		99
74) N-amyl acetate	10.823	43	65397	16.879	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	46219	16.801	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	36879m	17.464	ug/l		
77) Bromobenzene	11.177	156	44892	16.733	ug/l		98
78) n-propylbenzene	11.287	91	211474	16.475	ug/l		98
79) 2-Chlorotoluene	11.348	91	128712	16.701	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	150072	16.857	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	11094	18.181	ug/l	#	75
82) 4-Chlorotoluene	11.433	91	150230	16.582	ug/l		97
83) tert-Butylbenzene	11.695	119	150796	16.638	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	151444	17.180	ug/l		100
85) sec-Butylbenzene	11.872	105	186114	16.480	ug/l		99
86) p-Isopropyltoluene	11.988	119	157528	16.500	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	82684	16.138	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	84248	16.145	ug/l		97
89) n-Butylbenzene	12.311	91	144458	16.116	ug/l		100
90) Hexachloroethane	12.518	117	27141	16.178	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	78752	16.587	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8836	16.403	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	52916	16.151	ug/l		98
94) Hexachlorobutadiene	13.707	225	21557	15.686	ug/l		96
95) Naphthalene	13.756	128	135199	16.339	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47887	16.092	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

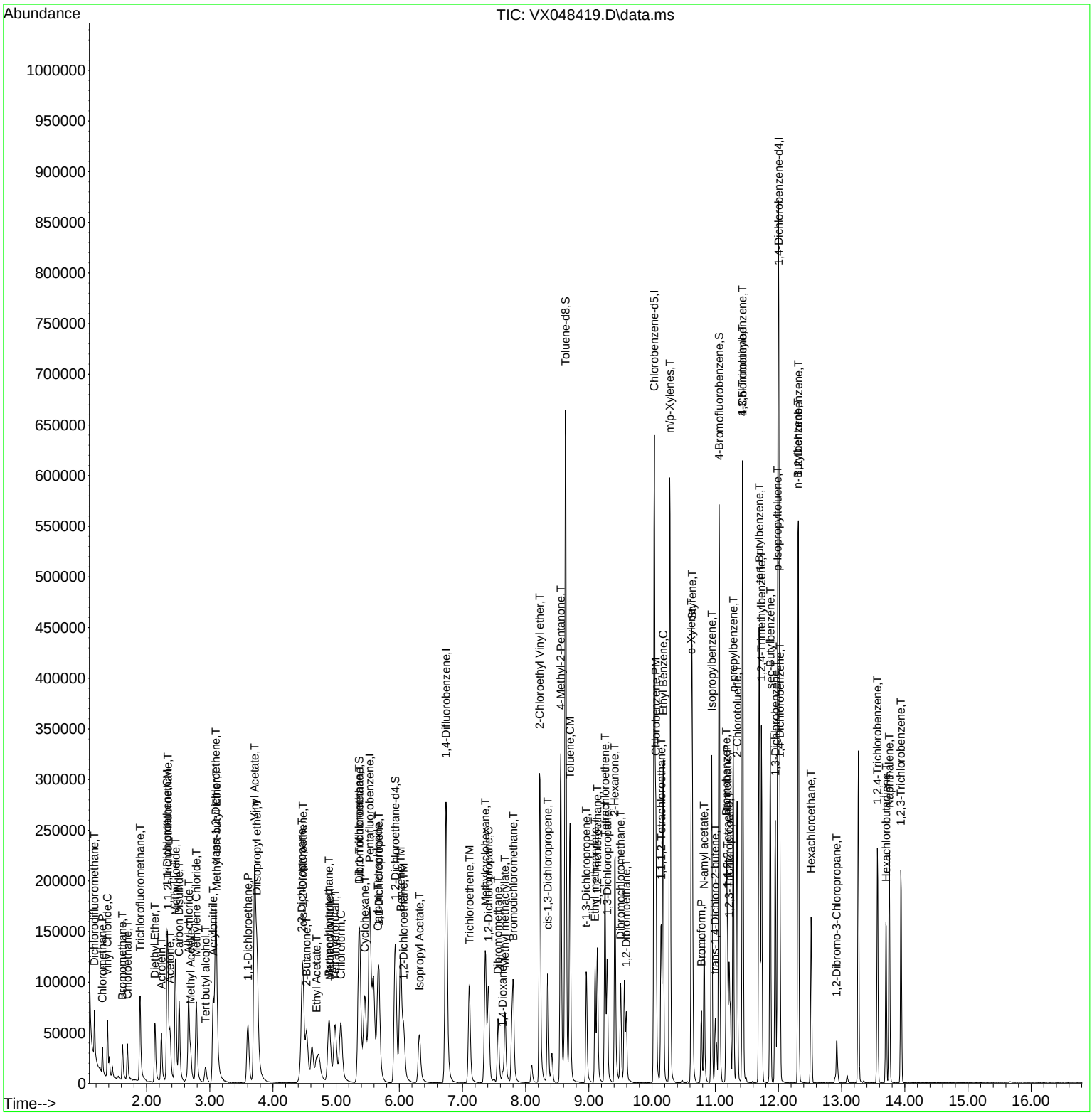
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048419.D
Acq On : 31 Oct 2025 10:34
Operator : JC/MD
Sample : VX1031WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 23:00:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	172640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	288363	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121860	49.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.160%			
35) Dibromofluoromethane	5.367	113	83329	50.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	8.628	98	318132	43.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.680%#			
62) 4-Bromofluorobenzene	11.061	95	118111	43.506	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	30270	17.189	ug/l	97
3) Chloromethane	1.300	50	20348	20.480	ug/l	94
4) Vinyl Chloride	1.380	62	44939	19.580	ug/l	99
5) Bromomethane	1.617	94	16699	20.141	ug/l	93
6) Chloroethane	1.697	64	23174	16.978	ug/l	100
7) Trichlorofluoromethane	1.898	101	60832	17.296	ug/l	98
8) Diethyl Ether	2.129	74	22137	17.415	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	39962	20.200	ug/l	95
10) Methyl Iodide	2.459	142	123885	15.573	ug/l	97
11) Tert butyl alcohol	2.928	59	15123	79.503	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40631	20.220	ug/l	89
13) Acrolein	2.233	56	35021	88.203	ug/l	98
14) Allyl chloride	2.666	41	55328	16.259	ug/l	93
15) Acrylonitrile	3.056	53	69872	80.744	ug/l	99
16) Acetone	2.373	43	49853	88.593	ug/l	100
17) Carbon Disulfide	2.514	76	97171	16.865	ug/l	98
18) Methyl Acetate	2.696	43	30042	15.962	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	112152	17.429	ug/l	99
20) Methylene Chloride	2.788	84	37062	17.086	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	36155	16.939	ug/l	99
22) Diisopropyl ether	3.745	45	121046	17.378	ug/l	98
23) Vinyl Acetate	3.708	43	434078	91.549	ug/l	97
24) 1,1-Dichloroethane	3.605	63	68616	17.358	ug/l	98
25) 2-Butanone	4.531	43	73676	81.958	ug/l	93
26) 2,2-Dichloropropane	4.464	77	61839	18.169	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	42332	16.618	ug/l	98
28) Bromochloromethane	4.879	49	34659	19.347	ug/l	85
29) Tetrahydrofuran	4.983	42	59178	92.438	ug/l	97
30) Chloroform	5.074	83	75267	18.510	ug/l	99
31) Cyclohexane	5.458	56	67453	19.658	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	71589	19.942	ug/l	98
36) 1,1-Dichloropropene	5.678	75	51987	18.830	ug/l	98
37) Ethyl Acetate	4.696	43	37974	16.144	ug/l #	96
38) Carbon Tetrachloride	5.659	117	59473	18.657	ug/l	95
39) Methylcyclohexane	7.360	83	58799	16.561	ug/l	97
40) Benzene	6.019	78	162239	19.235	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	22908	19.335	ug/l		94
42) 1,2-Dichloroethane	6.068	62	54093	18.208	ug/l		96
43) Isopropyl Acetate	6.312	43	67186	17.300	ug/l		95
44) Trichloroethene	7.110	130	38591	17.463	ug/l		95
45) 1,2-Dichloropropane	7.409	63	35935	17.059	ug/l		98
46) Dibromomethane	7.561	93	26652	18.074	ug/l		98
47) Bromodichloromethane	7.805	83	57455	18.338	ug/l		99
48) Methyl methacrylate	7.671	41	32991	17.420	ug/l		96
49) 1,4-Dioxane	7.641	88	6805	316.132	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	187159	86.596	ug/l		100
52) Toluene	8.701	92	92741	17.597	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	53828	18.954	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	56442	18.447	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	34295	17.981	ug/l		96
56) Ethyl methacrylate	9.098	69	46849	16.775	ug/l		96
57) 1,3-Dichloropropane	9.293	76	57864	17.497	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	131528	85.428	ug/l		97
59) 2-Hexanone	9.415	43	121464	86.371	ug/l		98
60) Dibromochloromethane	9.500	129	42924	18.197	ug/l		98
61) 1,2-Dibromoethane	9.592	107	35072	17.775	ug/l		98
64) Tetrachloroethene	9.256	164	34637	19.753	ug/l		96
65) Chlorobenzene	10.061	112	103891	20.711	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	36626	21.465	ug/l		99
67) Ethyl Benzene	10.177	91	173489	20.541	ug/l		98
68) m/p-Xylenes	10.280	106	134991	42.211	ug/l		99
69) o-Xylene	10.622	106	63358	20.732	ug/l		100
70) Styrene	10.640	104	109893	21.227	ug/l		99
71) Bromoform	10.780	173	26290	21.299	ug/l	#	99
73) Isopropylbenzene	10.945	105	167983	20.549	ug/l		100
74) N-amyl acetate	10.823	43	58129	19.933	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42400	20.477	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	33504m	21.079	ug/l		
77) Bromobenzene	11.177	156	40521	20.067	ug/l		98
78) n-propylbenzene	11.286	91	201686	20.875	ug/l		99
79) 2-Chlorotoluene	11.347	91	120278	20.734	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	140304	20.938	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	9223	20.081	ug/l	#	65
82) 4-Chlorotoluene	11.439	91	143791	21.085	ug/l		99
83) tert-Butylbenzene	11.695	119	139109	20.391	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	143541	21.634	ug/l		99
85) sec-Butylbenzene	11.872	105	176437	20.756	ug/l		100
86) p-Isopropyltoluene	11.987	119	148457	20.658	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	75803	19.656	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	79478	20.235	ug/l		98
89) n-Butylbenzene	12.311	91	140708	20.854	ug/l		99
90) Hexachloroethane	12.518	117	26546	21.022	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	72500	20.287	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8322	20.525	ug/l		90
93) 1,2,4-Trichlorobenzene	13.566	180	48282	19.579	ug/l		99
94) Hexachlorobutadiene	13.707	225	21142	20.439	ug/l		96
95) Naphthalene	13.755	128	121617	19.527	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	45326	20.235	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

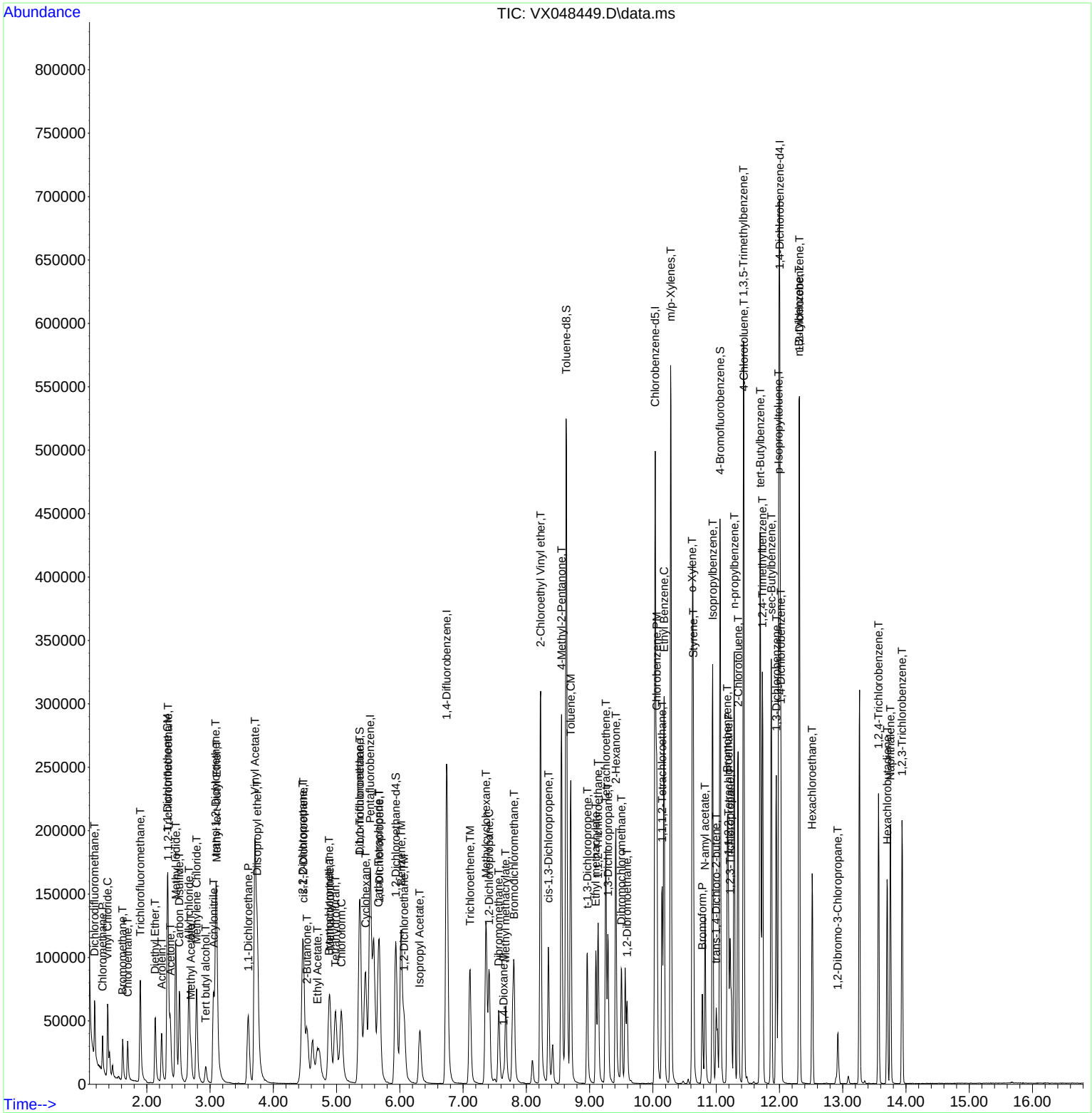
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
Data File : VX048449.D
Acq On : 03 Nov 2025 12:21
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 00:10:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
Supervised By :mohammad ahmed 11/04/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	459671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	679981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	307493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	187438	48.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.520%			
35) Dibromofluoromethane	7.634	113	215074	51.476	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.960%			
50) Toluene-d8	10.109	98	784064	50.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.401	95	256116	49.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	69638	21.047	ug/l	98
3) Chloromethane	2.074	50	91679	20.340	ug/l	100
4) Vinyl Chloride	2.208	62	118744	20.227	ug/l	97
5) Bromomethane	2.598	94	101139	20.529	ug/l	97
6) Chloroethane	2.739	64	84963	21.231	ug/l	98
7) Trichlorofluoromethane	3.062	101	169829	20.835	ug/l	99
8) Diethyl Ether	3.458	74	43940	20.629	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	97149	22.967	ug/l	99
10) Methyl Iodide	4.007	142	103415	21.961	ug/l	100
11) Tert butyl alcohol	4.866	59	24403	85.337	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	90723	22.126	ug/l	94
13) Acrolein	3.659	56	17727	43.871	ug/l	98
14) Allyl chloride	4.391	41	109658	21.944	ug/l	98
15) Acrylonitrile	5.061	53	84535	103.707	ug/l	99
16) Acetone	3.873	43	125341	136.970	ug/l	98
17) Carbon Disulfide	4.110	76	244039	20.795	ug/l	100
18) Methyl Acetate	4.391	43	44209	18.417	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	200607	20.356	ug/l	98
20) Methylene Chloride	4.622	84	104585	21.136	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	98902	21.908	ug/l	95
22) Diisopropyl ether	6.018	45	255018	23.071	ug/l	93
23) Vinyl Acetate	5.970	43	641109	107.153	ug/l	99
24) 1,1-Dichloroethane	5.921	63	169305	23.123	ug/l	96
25) 2-Butanone	6.896	43	130303	116.635	ug/l	95
26) 2,2-Dichloropropane	6.890	77	156784	23.336	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	117449	22.523	ug/l	99
28) Bromochloromethane	7.250	49	61199	22.389	ug/l	97
29) Tetrahydrofuran	7.268	42	60118	94.895	ug/l	99
30) Chloroform	7.427	83	186695	23.207	ug/l	99
31) Cyclohexane	7.707	56	139846	21.870	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	170215	23.283	ug/l	99
36) 1,1-Dichloropropene	7.841	75	126319	22.837	ug/l	98
37) Ethyl Acetate	6.988	43	44397	20.260	ug/l	97
38) Carbon Tetrachloride	7.823	117	155145	23.131	ug/l	98
39) Methylcyclohexane	9.109	83	155883	21.644	ug/l	95
40) Benzene	8.085	78	407587	23.267	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22212	18.741	ug/l	92
42) 1,2-Dichloroethane	8.158	62	99637	22.054	ug/l	100
43) Isopropyl Acetate	8.201	43	86806	19.865	ug/l	99
44) Trichloroethene	8.866	130	115895	22.604	ug/l	95
45) 1,2-Dichloropropane	9.146	63	90028	23.268	ug/l	99
46) Dibromomethane	9.231	93	54135	22.126	ug/l	97
47) Bromodichloromethane	9.426	83	139891	22.702	ug/l	98
48) Methyl methacrylate	9.225	41	40241	19.603	ug/l	99
49) 1,4-Dioxane	9.231	88	10102	356.120	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	225713	99.976	ug/l	98
52) Toluene	10.170	92	261425	22.985	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	114172	21.309	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	139983	22.137	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72889	22.154	ug/l	95
56) Ethyl methacrylate	10.438	69	73151	19.275	ug/l	99
57) 1,3-Dichloropropane	10.719	76	114330	21.929	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	167064	98.265	ug/l	99
59) 2-Hexanone	10.762	43	177538	110.037	ug/l	98
60) Dibromochloromethane	10.914	129	99923	21.662	ug/l	100
61) 1,2-Dibromoethane	11.018	107	65766	20.960	ug/l	99
64) Tetrachloroethene	10.646	164	136363	22.437	ug/l	96
65) Chlorobenzene	11.444	112	289053	22.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	103496	22.687	ug/l	99
67) Ethyl Benzene	11.518	91	469846	22.674	ug/l	100
68) m/p-Xylenes	11.627	106	381976	45.957	ug/l	98
69) o-Xylene	11.956	106	173592	22.267	ug/l	100
70) Styrene	11.969	104	290263	22.641	ug/l	100
71) Bromoform	12.133	173	59960	21.189	ug/l	99
73) Isopropylbenzene	12.255	105	461059	22.752	ug/l	99
74) N-amyl acetate	12.072	43	70102	19.260	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	70253	21.197	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	52478m	19.344	ug/l	
77) Bromobenzene	12.530	156	118552	22.006	ug/l	98
78) n-propylbenzene	12.597	91	549817	23.447	ug/l	99
79) 2-Chlorotoluene	12.676	91	316917	23.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	375738	22.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22289	20.147	ug/l	96
82) 4-Chlorotoluene	12.773	91	326170	23.063	ug/l	100
83) tert-Butylbenzene	12.999	119	343249	22.703	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	377228	23.083	ug/l	98
85) sec-Butylbenzene	13.176	105	506562	23.357	ug/l	99
86) p-Isopropyltoluene	13.292	119	424544	22.991	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	234716	22.374	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	231425	22.336	ug/l	99
89) n-Butylbenzene	13.615	91	366275	22.764	ug/l	98
90) Hexachloroethane	13.877	117	91854	23.127	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	204092	22.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10894	20.032	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	117924	20.566	ug/l	100
94) Hexachlorobutadiene	15.023	225	81151	22.704	ug/l	99
95) Naphthalene	15.145	128	166148	18.197	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	98543	19.841	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

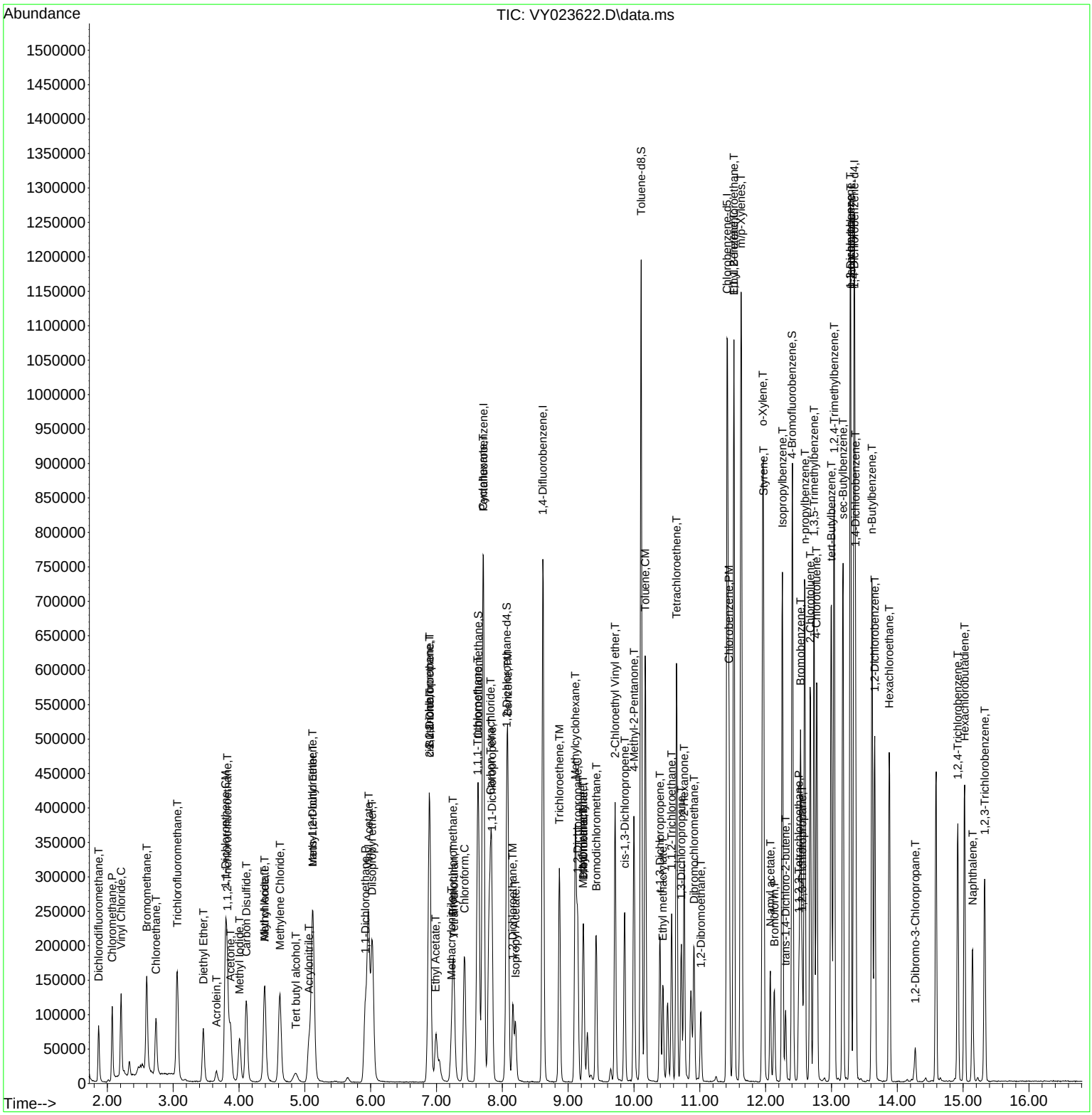
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Data File : VY023622.D
Acq On : 30 Oct 2025 10:36
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 02:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	161570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	274506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	121990	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.367	113	80296	51.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.629	98	351196	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.061	95	131002	50.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	30494	18.503	ug/l	94
3) Chloromethane	1.301	50	18075	19.438	ug/l	99
4) Vinyl Chloride	1.380	62	39077	18.193	ug/l	100
5) Bromomethane	1.618	94	16402	21.139	ug/l	98
6) Chloroethane	1.697	64	22762	17.819	ug/l	91
7) Trichlorofluoromethane	1.898	101	60662	18.430	ug/l	96
8) Diethyl Ether	2.136	74	22272	18.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	35418	19.130	ug/l	98
10) Methyl Iodide	2.459	142	130875	17.579	ug/l	97
11) Tert butyl alcohol	2.928	59	17091	96.005	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34874	18.544	ug/l	88
13) Acrolein	2.233	56	40216	108.227	ug/l	100
14) Allyl chloride	2.666	41	58158	18.261	ug/l	98
15) Acrylonitrile	3.056	53	78697	97.173	ug/l	100
16) Acetone	2.374	43	50483	95.859	ug/l	99
17) Carbon Disulfide	2.514	76	100451	18.629	ug/l	100
18) Methyl Acetate	2.697	43	31095	17.654	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	113952	18.922	ug/l	98
20) Methylene Chloride	2.788	84	38121	18.778	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	37222	18.634	ug/l	98
22) Diisopropyl ether	3.745	45	128250	19.674	ug/l	95
23) Vinyl Acetate	3.709	43	460094	103.684	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69497	18.786	ug/l	99
25) 2-Butanone	4.532	43	83531	99.287	ug/l	94
26) 2,2-Dichloropropane	4.465	77	58530	18.375	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	44255	18.563	ug/l	99
28) Bromochloromethane	4.879	49	26393	15.742	ug/l	95
29) Tetrahydrofuran	4.983	42	58365	97.415	ug/l	97
30) Chloroform	5.080	83	73125	19.215	ug/l	98
31) Cyclohexane	5.452	56	61751	19.230	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	63488	18.897	ug/l	99
36) 1,1-Dichloropropene	5.678	75	47270	17.986	ug/l	97
37) Ethyl Acetate	4.690	43	42420	18.944	ug/l	98
38) Carbon Tetrachloride	5.660	117	55695	18.354	ug/l	99
39) Methylcyclohexane	7.361	83	62928	18.619	ug/l	95
40) Benzene	6.019	78	153418	19.108	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	22417	19.875	ug/l		97
42) 1,2-Dichloroethane	6.068	62	53231	18.822	ug/l		97
43) Isopropyl Acetate	6.318	43	71782	19.417	ug/l		98
44) Trichloroethene	7.104	130	39096	18.585	ug/l		98
45) 1,2-Dichloropropane	7.409	63	37882	18.892	ug/l		98
46) Dibromomethane	7.562	93	26542	18.908	ug/l		95
47) Bromodichloromethane	7.806	83	56538	18.956	ug/l		98
48) Methyl methacrylate	7.671	41	35618	19.757	ug/l		97
49) 1,4-Dioxane	7.641	88	7982	389.529	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	202059	98.209	ug/l		97
52) Toluene	8.702	92	96172	19.169	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	54733	20.246	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	58436	20.063	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	35108	19.337	ug/l		98
56) Ethyl methacrylate	9.098	69	51530	19.383	ug/l		98
57) 1,3-Dichloropropane	9.293	76	61570	19.558	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	122433	83.740	ug/l		98
59) 2-Hexanone	9.409	43	134368	100.370	ug/l		99
60) Dibromochloromethane	9.500	129	43745	19.481	ug/l		100
61) 1,2-Dibromoethane	9.592	107	37461	19.944	ug/l		97
64) Tetrachloroethene	9.257	164	37371	18.968	ug/l		98
65) Chlorobenzene	10.061	112	106960	18.978	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	37289	19.450	ug/l		99
67) Ethyl Benzene	10.177	91	181307	19.106	ug/l		98
68) m/p-Xylenes	10.281	106	138523	38.553	ug/l		99
69) o-Xylene	10.622	106	66164	19.270	ug/l		97
70) Styrene	10.634	104	114200	19.634	ug/l		99
71) Bromoform	10.781	173	27189	19.605	ug/l	#	99
73) Isopropylbenzene	10.945	105	172095	19.231	ug/l		100
74) N-amyl acetate	10.823	43	62496	19.576	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	43694	19.276	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	35410m	20.351	ug/l		
77) Bromobenzene	11.183	156	41905	18.957	ug/l		99
78) n-propylbenzene	11.287	91	204552	19.340	ug/l		99
79) 2-Chlorotoluene	11.348	91	122479	19.287	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	144041	19.636	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	10132	20.151	ug/l	#	74
82) 4-Chlorotoluene	11.433	91	143821	19.265	ug/l		98
83) tert-Butylbenzene	11.695	119	141153	18.901	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	145275	20.001	ug/l		100
85) sec-Butylbenzene	11.872	105	181081	19.460	ug/l		99
86) p-Isopropyltoluene	11.988	119	153473	19.509	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	79392	18.806	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	80329	18.682	ug/l		98
89) n-Butylbenzene	12.311	91	142581	19.304	ug/l		100
90) Hexachloroethane	12.518	117	26530	19.192	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	75072	19.189	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	8511	19.175	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	50772	18.807	ug/l		99
94) Hexachlorobutadiene	13.707	225	21954	19.388	ug/l		96
95) Naphthalene	13.756	128	131415	19.275	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47353	19.311	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

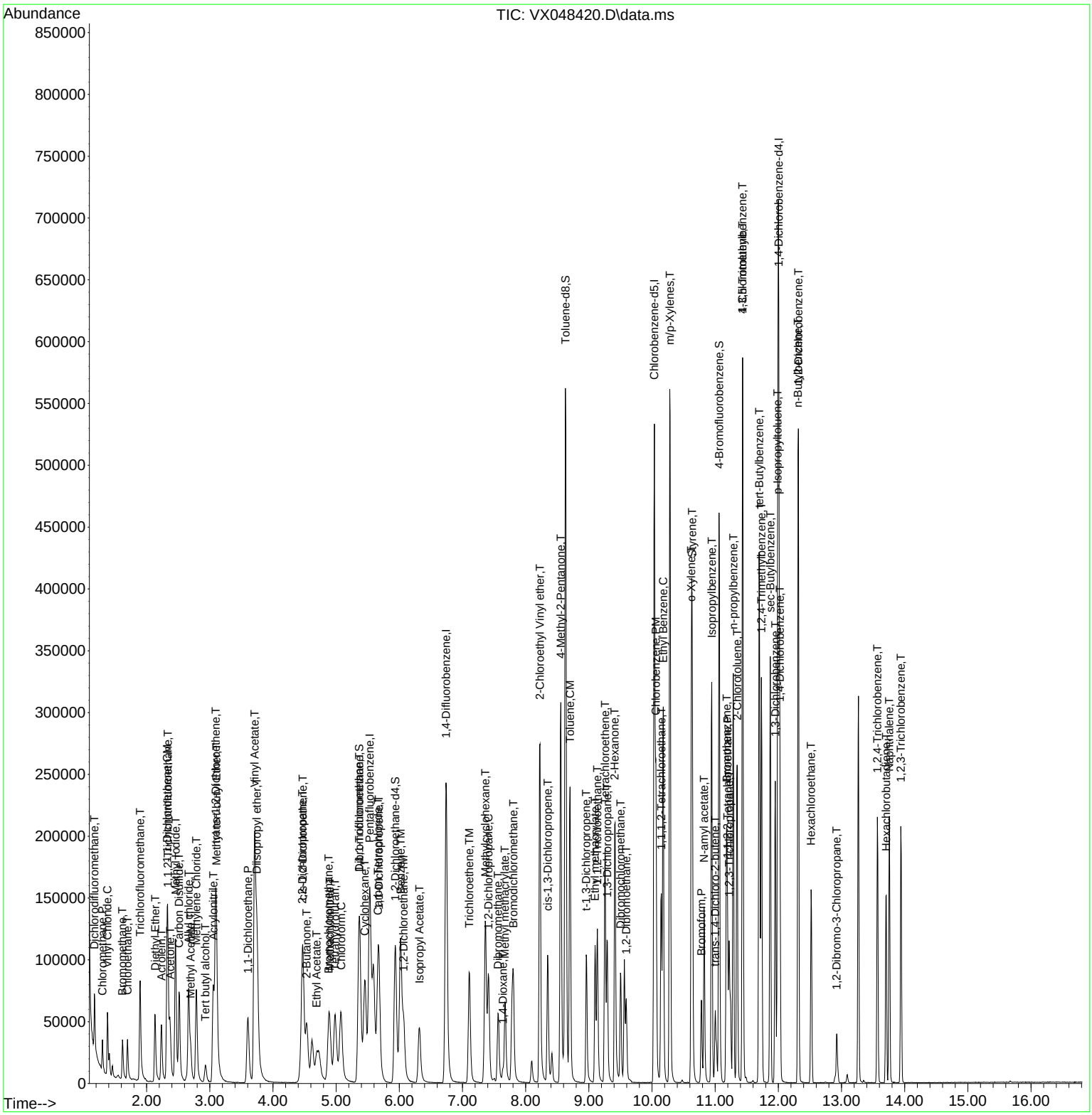
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
Data File : VX048420.D
Acq On : 31 Oct 2025 11:00
Operator : JC/MD
Sample : VX1031WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 23:01:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1031WBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Mahesh Dadoda 11/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED
Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	451310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	657731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	578799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	300735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	199138	52.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.540%			
35) Dibromofluoromethane	7.640	113	218654	54.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.200%			
50) Toluene-d8	10.109	98	798548	53.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.408	95	257937	51.909	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	71368	21.970	ug/l	95
3) Chloromethane	2.074	50	91896	20.766	ug/l	98
4) Vinyl Chloride	2.208	62	122806	21.306	ug/l	99
5) Bromomethane	2.598	94	101637	21.012	ug/l	96
6) Chloroethane	2.739	64	86759	22.082	ug/l	99
7) Trichlorofluoromethane	3.062	101	178519	22.306	ug/l	100
8) Diethyl Ether	3.458	74	45607	21.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	99620	23.988	ug/l	99
10) Methyl Iodide	4.007	142	109664	23.720	ug/l	99
11) Tert butyl alcohol	4.854	59	27835	99.142	ug/l	96
12) 1,1-Dichloroethene	3.793	96	91031	22.612	ug/l	88
13) Acrolein	3.653	56	18278	46.073	ug/l	100
14) Allyl chloride	4.391	41	113711	23.176	ug/l	99
15) Acrylonitrile	5.061	53	89051	111.271	ug/l	98
16) Acetone	3.872	43	136960	152.440	ug/l	100
17) Carbon Disulfide	4.110	76	249767	21.677	ug/l	98
18) Methyl Acetate	4.391	43	47352	20.091	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	208323	21.531	ug/l	93
20) Methylene Chloride	4.616	84	107129	22.051	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102517	23.130	ug/l	97
22) Diisopropyl ether	6.018	45	261606	24.105	ug/l	94
23) Vinyl Acetate	5.964	43	665342	113.264	ug/l	100
24) 1,1-Dichloroethane	5.921	63	174672	24.298	ug/l	97
25) 2-Butanone	6.896	43	139880	127.527	ug/l	95
26) 2,2-Dichloropropane	6.890	77	161688	24.511	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	118235	23.094	ug/l	99
28) Bromochloromethane	7.250	49	62282	23.207	ug/l	96
29) Tetrahydrofuran	7.268	42	64160	103.151	ug/l	98
30) Chloroform	7.427	83	192487	24.371	ug/l	98
31) Cyclohexane	7.707	56	138669	22.088	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	174489	24.310	ug/l	99
36) 1,1-Dichloropropene	7.841	75	127719	23.871	ug/l	99
37) Ethyl Acetate	6.988	43	46143	21.769	ug/l #	95
38) Carbon Tetrachloride	7.823	117	155466	23.963	ug/l	99
39) Methylcyclohexane	9.115	83	159529	22.900	ug/l	100
40) Benzene	8.085	78	409157	24.147	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	20308	17.714	ug/l	#	87
42) 1,2-Dichloroethane	8.158	62	101997	23.340	ug/l		99
43) Isopropyl Acetate	8.201	43	90555	21.424	ug/l		98
44) Trichloroethene	8.865	130	116192	23.428	ug/l		98
45) 1,2-Dichloropropane	9.146	63	92062	24.598	ug/l		98
46) Dibromomethane	9.237	93	53731	22.704	ug/l		97
47) Bromodichloromethane	9.426	83	142222	23.861	ug/l		100
48) Methyl methacrylate	9.225	41	42623	21.465	ug/l		99
49) 1,4-Dioxane	9.231	88	11163	406.835	ug/l		95
51) 4-Methyl-2-Pentanone	9.999	43	242036	110.832	ug/l		97
52) Toluene	10.170	92	267175	24.285	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	115798	22.344	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	145329	23.760	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	74561	23.429	ug/l		98
56) Ethyl methacrylate	10.444	69	76671	20.886	ug/l		99
57) 1,3-Dichloropropane	10.719	76	117943	23.388	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	167399	101.793	ug/l		99
59) 2-Hexanone	10.761	43	191127	122.467	ug/l		97
60) Dibromochloromethane	10.914	129	102644	23.005	ug/l		100
61) 1,2-Dibromoethane	11.018	107	68649	22.618	ug/l		100
64) Tetrachloroethene	10.646	164	137380	22.987	ug/l		98
65) Chlorobenzene	11.444	112	295053	23.438	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	106823	23.813	ug/l		99
67) Ethyl Benzene	11.517	91	480232	23.567	ug/l		99
68) m/p-Xylenes	11.633	106	390728	47.806	ug/l		98
69) o-Xylene	11.956	106	179899	23.466	ug/l		100
70) Styrene	11.969	104	294077	23.327	ug/l		100
71) Bromoform	12.133	173	61674	22.164	ug/l	#	100
73) Isopropylbenzene	12.255	105	473954	23.914	ug/l		99
74) N-amyl acetate	12.072	43	74104	20.817	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	72998	22.520	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	59512m	22.430	ug/l		
77) Bromobenzene	12.536	156	121115	22.987	ug/l		98
78) n-propylbenzene	12.596	91	566243	24.690	ug/l		99
79) 2-Chlorotoluene	12.682	91	322930	24.045	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	393061	24.543	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	24045	22.223	ug/l		98
82) 4-Chlorotoluene	12.779	91	338983	24.508	ug/l		99
83) tert-Butylbenzene	12.999	119	347416	23.495	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	388132	24.284	ug/l		98
85) sec-Butylbenzene	13.176	105	520320	24.530	ug/l		99
86) p-Isopropyltoluene	13.291	119	436929	24.193	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	240935	23.483	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	238627	23.549	ug/l		99
89) n-Butylbenzene	13.621	91	383151	24.348	ug/l		98
90) Hexachloroethane	13.883	117	91946	23.671	ug/l		95
91) 1,2-Dichlorobenzene	13.657	146	209027	23.237	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11390	21.415	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	121730	21.707	ug/l		100
94) Hexachlorobutadiene	15.023	225	84638	24.212	ug/l		99
95) Naphthalene	15.145	128	173867	19.470	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	104331	21.479	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

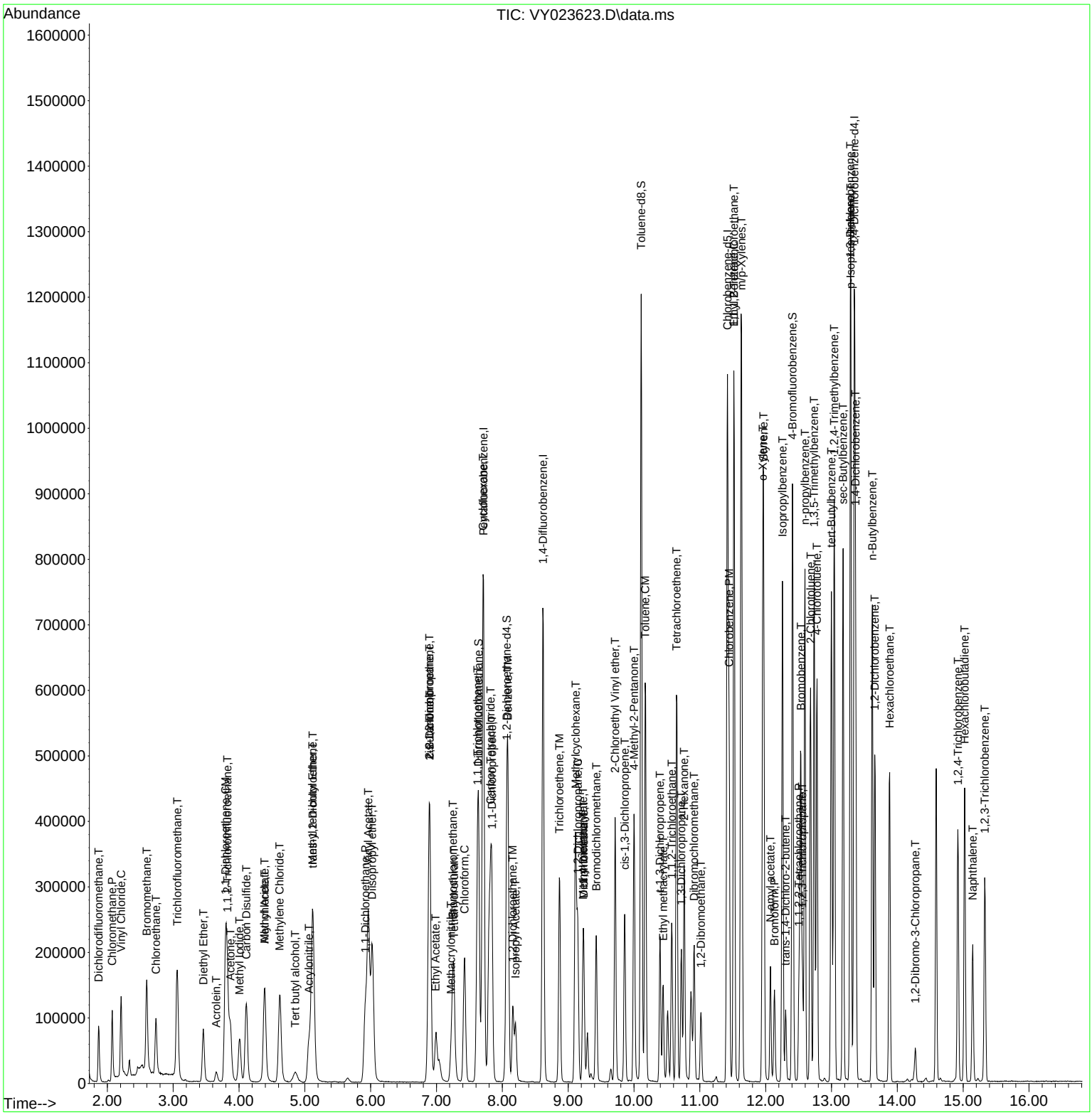
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023623.D
Acq On : 30 Oct 2025 11:09
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 31 02:36:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025



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Manual Integration Report

Sequence:	VX102925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048407.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	1,4-Dichlorobenzene	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC001	VX048407.D	Ethyl Acetate	Amit	10/30/2025 2:02:37 PM	MMDadoda	10/30/2025 2:06:23 PM	Peak Integrated by Software
VSTDICC005	VX048408.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:43 PM	MMDadoda	10/30/2025 2:06:28 PM	Peak Integrated by Software
VSTDICC020	VX048409.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:02:47 PM	MMDadoda	10/30/2025 2:06:32 PM	Peak Integrated by Software
VSTDICCC050	VX048410.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:21 PM	MMDadoda	10/30/2025 2:06:35 PM	Peak Integrated by Software
VSTDICC100	VX048411.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:25 PM	MMDadoda	10/30/2025 2:06:39 PM	Peak Integrated by Software
VSTDICC150	VX048412.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:03:30 PM	MMDadoda	10/30/2025 2:06:42 PM	Peak Integrated by Software
VSTDICV050	VX048414.D	1,2,3-Trichloropropane	Amit	10/30/2025 2:04:18 PM	MMDadoda	10/30/2025 2:06:46 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX103125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048416.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:49:56 AM	MMDadoda	11/3/2025 10:57:08 AM	Peak Integrated by Software
VX1031WBS01	VX048419.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:00 AM	MMDadoda	11/3/2025 10:57:11 AM	Peak Integrated by Software
VX1031WBSD01	VX048420.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:05 AM	MMDadoda	11/3/2025 10:57:16 AM	Peak Integrated by Software
VSTDCCC050	VX048443.D	1,2,3-Trichloropropane	Amit	11/3/2025 10:50:16 AM	sam	11/3/2025 11:01:35 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX110325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048445.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:31 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software
VX1103WBS01	VX048449.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:36 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software
VSTDCCC050	VX048469.D	1,2,3-Trichloropropane	mmdadoda	11/4/2025 3:24:45 AM	mohammad	11/4/2025 3:29:09 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	VY103025	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023620.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:22:48 AM	MMDadoda	10/31/2025 2:46:48 PM	Peak Integrated by Software
VY1030SBS01	VY023622.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:22:56 AM	MMDadoda	10/31/2025 2:46:52 PM	Peak Integrated by Software
VY1030SBSD01	VY023623.D	1,2,3-Trichloropropane	Amit	10/31/2025 8:23:00 AM	MMDadoda	10/31/2025 2:46:55 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048403.D	29 Oct 2025 08:39	JC/MD	Ok
2	VSTDCCC050	VX048404.D	29 Oct 2025 10:02	JC/MD	Ok
3	IBLK	VX048405.D	29 Oct 2025 10:31	JC/MD	Ok
4	IBLK	VX048406.D	29 Oct 2025 10:51	JC/MD	Ok
5	VSTDICC001	VX048407.D	29 Oct 2025 11:12	JC/MD	Ok,M
6	VSTDICC005	VX048408.D	29 Oct 2025 11:41	JC/MD	Ok,M
7	VSTDICC020	VX048409.D	29 Oct 2025 12:01	JC/MD	Ok,M
8	VSTDICCC050	VX048410.D	29 Oct 2025 12:22	JC/MD	Ok,M
9	VSTDICC100	VX048411.D	29 Oct 2025 12:43	JC/MD	Ok,M
10	VSTDICC150	VX048412.D	29 Oct 2025 13:03	JC/MD	Ok,M
11	IBLK	VX048413.D	29 Oct 2025 13:24	JC/MD	Ok
12	VSTDICV050	VX048414.D	29 Oct 2025 14:27	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048415.D	31 Oct 2025 08:06	JC/MD	Ok
2	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	JC/MD	Ok,M
3	VX1031MBL01	VX048417.D	31 Oct 2025 09:46	JC/MD	Ok
4	VX1031WBL01	VX048418.D	31 Oct 2025 10:06	JC/MD	Ok
5	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	JC/MD	Ok,M
6	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	JC/MD	Ok,M
7	Q3480-02	VX048421.D	31 Oct 2025 11:21	JC/MD	Ok,M
8	Q3500-02	VX048422.D	31 Oct 2025 11:41	JC/MD	Not Ok
9	Q3500-03	VX048423.D	31 Oct 2025 12:02	JC/MD	Not Ok
10	Q3500-05	VX048424.D	31 Oct 2025 12:23	JC/MD	Not Ok
11	Q3494-01	VX048425.D	31 Oct 2025 12:43	JC/MD	Ok
12	Q3494-02	VX048426.D	31 Oct 2025 13:04	JC/MD	ReRun
13	Q3495-04	VX048427.D	31 Oct 2025 13:25	JC/MD	ReRun
14	Q3495-03	VX048428.D	31 Oct 2025 13:46	JC/MD	ReRun
15	Q3505-06	VX048429.D	31 Oct 2025 14:06	JC/MD	Ok
16	Q3505-05	VX048430.D	31 Oct 2025 14:27	JC/MD	ReRun
17	Q3505-04	VX048431.D	31 Oct 2025 14:48	JC/MD	Not Ok
18	IBLK	VX048432.D	31 Oct 2025 15:08	JC/MD	Ok
19	Q3506-01	VX048433.D	31 Oct 2025 15:29	JC/MD	Ok
20	Q3506-02	VX048434.D	31 Oct 2025 15:50	JC/MD	ReRun
21	Q3506-03	VX048435.D	31 Oct 2025 16:10	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3506-04	VX048436.D	31 Oct 2025 16:31	JC/MD	Ok
23	Q3507-02	VX048437.D	31 Oct 2025 16:52	JC/MD	ReRun
24	Q3508-02	VX048438.D	31 Oct 2025 17:12	JC/MD	ReRun
25	Q3507-01	VX048439.D	31 Oct 2025 17:33	JC/MD	Ok
26	Q3508-01	VX048440.D	31 Oct 2025 17:54	JC/MD	Ok
27	Q3510-01	VX048441.D	31 Oct 2025 18:14	JC/MD	ReRun
28	Q3511-01	VX048442.D	31 Oct 2025 18:35	JC/MD	ReRun
29	VSTDCCC050	VX048443.D	31 Oct 2025 18:56	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM		
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM		
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048444.D	03 Nov 2025 08:20	JC/MD	Ok
2	VSTDCCC050	VX048445.D	03 Nov 2025 09:14	JC/MD	Ok,M
3	VX1103MBL01	VX048446.D	03 Nov 2025 09:40	JC/MD	Ok
4	VX1103WBL01	VX048447.D	03 Nov 2025 11:25	JC/MD	Ok
5	VX1103MBS01	VX048448.D	03 Nov 2025 11:52	JC/MD	Not Ok
6	VX1103WBS01	VX048449.D	03 Nov 2025 12:21	JC/MD	Ok,M
7	VX1103WBSD01	VX048450.D	03 Nov 2025 12:44	JC/MD	Ok,M
8	VX1103MBS02	VX048451.D	03 Nov 2025 13:06	JC/MD	Not Ok
9	Q3506-02	VX048452.D	03 Nov 2025 13:37	JC/MD	Ok
10	Q3506-03RE	VX048453.D	03 Nov 2025 13:58	JC/MD	Confirms
11	Q3510-01	VX048454.D	03 Nov 2025 14:18	JC/MD	Ok
12	Q3511-01	VX048455.D	03 Nov 2025 14:39	JC/MD	Ok
13	Q3495-03RE	VX048456.D	03 Nov 2025 14:59	JC/MD	Confirms
14	Q3495-04	VX048457.D	03 Nov 2025 15:20	JC/MD	Ok
15	Q3422-02	VX048458.D	03 Nov 2025 15:41	JC/MD	Ok
16	Q3518-02	VX048459.D	03 Nov 2025 16:01	JC/MD	ReRun
17	Q3494-02	VX048460.D	03 Nov 2025 16:22	JC/MD	Ok
18	Q3505-05	VX048461.D	03 Nov 2025 16:42	JC/MD	Ok
19	Q3500-02	VX048462.D	03 Nov 2025 17:03	JC/MD	Ok
20	Q3500-03	VX048463.D	03 Nov 2025 17:24	JC/MD	Ok
21	Q3500-05	VX048464.D	03 Nov 2025 17:44	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM				
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM				
SubDirectory	VX110325	HP Acquire Method	MSVOA_X		HP Processing Method	82X102925W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3505-04	VX048465.D	03 Nov 2025 18:05	JC/MD	Ok
23	Q3521-03	VX048466.D	03 Nov 2025 18:25	JC/MD	Not Ok
24	VIBLK	VX048467.D	03 Nov 2025 18:46	JC/MD	Ok
25	VIBLK	VX048468.D	03 Nov 2025 19:06	JC/MD	Ok
26	VSTDCCC050	VX048469.D	03 Nov 2025 19:27	JC/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY103025

Review By	Amit Patel	Review On	10/31/2025 9:48:23 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/31/2025 2:47:09 PM				
SubDirectory	VY103025	HP Acquire Method	MSVOA_Y		HP Processing Method	82y100725s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP135980
Initial Calibration Stds	
CCC	VP135981,VP135982
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023619.D	30 Oct 2025 08:39	SY/MD	Ok
2	VSTDCCC050	VY023620.D	30 Oct 2025 09:09	SY/MD	Ok,M
3	VY1030SBL01	VY023621.D	30 Oct 2025 09:40	SY/MD	Ok
4	VY1030SBS01	VY023622.D	30 Oct 2025 10:36	SY/MD	Ok,M
5	VY1030SBSD01	VY023623.D	30 Oct 2025 11:09	SY/MD	Ok,M
6	Q3486-01	VY023624.D	30 Oct 2025 11:53	SY/MD	Ok
7	Q3486-03	VY023625.D	30 Oct 2025 12:16	SY/MD	Ok
8	Q3486-05	VY023626.D	30 Oct 2025 12:40	SY/MD	Ok
9	Q3486-07	VY023627.D	30 Oct 2025 13:03	SY/MD	Ok
10	Q3485-01	VY023628.D	30 Oct 2025 13:26	SY/MD	Ok
11	Q3488-04	VY023629.D	30 Oct 2025 13:50	SY/MD	Dilution
12	Q3491-01	VY023630.D	30 Oct 2025 14:13	SY/MD	ReRun
13	Q3495-02	VY023631.D	30 Oct 2025 14:37	SY/MD	Ok
14	Q3496-01	VY023632.D	30 Oct 2025 15:00	SY/MD	Ok
15	Q3497-01	VY023633.D	30 Oct 2025 15:24	SY/MD	Ok
16	VIBLK	VY023634.D	30 Oct 2025 15:47	SY/MD	Ok

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX102925

Review By	Amit Patel	Review On	10/30/2025 2:04:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	10/30/2025 2:06:52 PM		
SubDirectory	VX102925	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135960
Initial Calibration Stds	VP135996,VP135997,VP135998,VP135999,VP136000,VP136001
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP135002
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048403.D	29 Oct 2025 08:39		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048404.D	29 Oct 2025 10:02		JC/MD	Ok
3	IBLK	IBLK	VX048405.D	29 Oct 2025 10:31		JC/MD	Ok
4	IBLK	IBLK	VX048406.D	29 Oct 2025 10:51		JC/MD	Ok
5	VSTDICC001	VSTDICC001	VX048407.D	29 Oct 2025 11:12	LR-58	JC/MD	Ok,M
6	VSTDICC005	VSTDICC005	VX048408.D	29 Oct 2025 11:41		JC/MD	Ok,M
7	VSTDICC020	VSTDICC020	VX048409.D	29 Oct 2025 12:01		JC/MD	Ok,M
8	VSTDICCC050	VSTDICCC050	VX048410.D	29 Oct 2025 12:22		JC/MD	Ok,M
9	VSTDICC100	VSTDICC100	VX048411.D	29 Oct 2025 12:43		JC/MD	Ok,M
10	VSTDICC150	VSTDICC150	VX048412.D	29 Oct 2025 13:03		JC/MD	Ok,M
11	IBLK	IBLK	VX048413.D	29 Oct 2025 13:24		JC/MD	Ok
12	VSTDICV050	ICVVX102925	VX048414.D	29 Oct 2025 14:27		JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048415.D	31 Oct 2025 08:06		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048416.D	31 Oct 2025 09:18	pH#lot#v14222	JC/MD	Ok,M
3	VX1031MBL01	VX1031MBL01	VX048417.D	31 Oct 2025 09:46		JC/MD	Ok
4	VX1031WBL01	VX1031WBL01	VX048418.D	31 Oct 2025 10:06		JC/MD	Ok
5	VX1031WBS01	VX1031WBS01	VX048419.D	31 Oct 2025 10:34	BS Failed Low For Com.#87,88	JC/MD	Ok,M
6	VX1031WBSD01	VX1031WBSD01	VX048420.D	31 Oct 2025 11:00	vial B pH#5.0	JC/MD	Ok,M
7	Q3480-02	RT3449	VX048421.D	31 Oct 2025 11:21	vial B pH#5.0	JC/MD	Ok,M
8	Q3500-02	462	VX048422.D	31 Oct 2025 11:41	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
9	Q3500-03	463	VX048423.D	31 Oct 2025 12:02	vial A pH<2.0 Need Straight Run	JC/MD	Not Ok
10	Q3500-05	461-LIQUID	VX048424.D	31 Oct 2025 12:23	vial A pH<2.0 ,Need Straight Run	JC/MD	Not Ok
11	Q3494-01	MW3	VX048425.D	31 Oct 2025 12:43	vial A pH<2.0	JC/MD	Ok
12	Q3494-02	Field	VX048426.D	31 Oct 2025 13:04	vial A pH<2.0 ,FB;hit of com.#16	JC/MD	ReRun
13	Q3495-04	TB	VX048427.D	31 Oct 2025 13:25	vial A pH<2.0 ,TB;BS Failed Low	JC/MD	ReRun
14	Q3495-03	TW-1025-1	VX048428.D	31 Oct 2025 13:46	BS failed Low	JC/MD	ReRun
15	Q3505-06	10-17-25-WATER	VX048429.D	31 Oct 2025 14:06		JC/MD	Ok
16	Q3505-05	10-16-25-WATER	VX048430.D	31 Oct 2025 14:27	Surrogate fail	JC/MD	ReRun
17	Q3505-04	10-10-25-WATER	VX048431.D	31 Oct 2025 14:48	Need Straight Run	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX103125

Review By	Amit Patel	Review On	11/3/2025 10:48:48 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/3/2025 11:01:57 AM		
SubDirectory	VX103125	HP Acquire Method		HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135989
Initial Calibration Stds	
CCC	VP135991,VP135992
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048432.D	31 Oct 2025 15:08		JC/MD	Ok
19	Q3506-01	STORAGE-BLANK-SO	VX048433.D	31 Oct 2025 15:29		JC/MD	Ok
20	Q3506-02	STORAGE-BLANK-WA	VX048434.D	31 Oct 2025 15:50	Surrogate fail	JC/MD	ReRun
21	Q3506-03	STORAGE-BLANK-WA	VX048435.D	31 Oct 2025 16:10	Surrogate fail	JC/MD	ReRun
22	Q3506-04	STORAGE-BLANK-SA	VX048436.D	31 Oct 2025 16:31		JC/MD	Ok
23	Q3507-02	TB	VX048437.D	31 Oct 2025 16:52	TB;Surrogate fail	JC/MD	ReRun
24	Q3508-02	TB	VX048438.D	31 Oct 2025 17:12	TB;Surrogate fail	JC/MD	ReRun
25	Q3507-01	SW-1	VX048439.D	31 Oct 2025 17:33		JC/MD	Ok
26	Q3508-01	SW-1	VX048440.D	31 Oct 2025 17:54		JC/MD	Ok
27	Q3510-01	OUTFALL-002	VX048441.D	31 Oct 2025 18:14	Surrogate fail	JC/MD	ReRun
28	Q3511-01	OUTFALL-001	VX048442.D	31 Oct 2025 18:35	Surrogate fail	JC/MD	ReRun
29	VSTDCCC050	VSTDCCC050EC	VX048443.D	31 Oct 2025 18:56		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM		
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM		
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048444.D	03 Nov 2025 08:20		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048445.D	03 Nov 2025 09:14	pH#lot#v14222	JC/MD	Ok,M
3	VX1103MBL01	VX1103MBL01	VX048446.D	03 Nov 2025 09:40		JC/MD	Ok
4	VX1103WBL01	VX1103WBL01	VX048447.D	03 Nov 2025 11:25		JC/MD	Ok
5	VX1103MBS01	VX1103WBS01	VX048448.D	03 Nov 2025 11:52		JC/MD	Not Ok
6	VX1103WBS01	VX1103WBS01	VX048449.D	03 Nov 2025 12:21		JC/MD	Ok,M
7	VX1103WBSD01	VX1103WBSD01	VX048450.D	03 Nov 2025 12:44		JC/MD	Ok,M
8	VX1103MBS02	VX1103MBS02	VX048451.D	03 Nov 2025 13:06		JC/MD	Not Ok
9	Q3506-02	STORAGE-BLANK-WA	VX048452.D	03 Nov 2025 13:37	pH<2.0 B	JC/MD	Ok
10	Q3506-03RE	STORAGE-BLANK-WA	VX048453.D	03 Nov 2025 13:58	pH<2.0 B Surrogate fail	JC/MD	Confirms
11	Q3510-01	OUTFALL-002	VX048454.D	03 Nov 2025 14:18	pH<2.0 B	JC/MD	Ok
12	Q3511-01	OUTFALL-001	VX048455.D	03 Nov 2025 14:39	pH<2.0 B	JC/MD	Ok
13	Q3495-03RE	TW-1025-1RE	VX048456.D	03 Nov 2025 14:59	pH<2.0 B Surrogate fail	JC/MD	Confirms
14	Q3495-04	TB	VX048457.D	03 Nov 2025 15:20	pH<2.0 B TB	JC/MD	Ok
15	Q3422-02	PR132-FB2-20251021	VX048458.D	03 Nov 2025 15:41	vial B,pH#5.0 FB	JC/MD	Ok
16	Q3518-02	50831	VX048459.D	03 Nov 2025 16:01	pH<2.0 A Surrogate fail	JC/MD	ReRun
17	Q3494-02	Field	VX048460.D	03 Nov 2025 16:22	pH<2.0 B FB	JC/MD	Ok
18	Q3505-05	10-16-25-WATER	VX048461.D	03 Nov 2025 16:42	pH<2.0 B	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110325

Review By	Mahesh Dadoda	Review On	11/4/2025 3:28:58 AM		
Supervise By	mohammad ahmed	Supervise On	11/4/2025 3:29:09 AM		
SubDirectory	VX110325	HP Acquire Method	MSVOA_X	HP Processing Method	82X102925W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136024
Initial Calibration Stds	
CCC	VP136025,VP136023
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3500-02	10-17-25-WATER	VX048462.D	03 Nov 2025 17:03	vial B pH<2.0Surrogate fail	JC/MD	Ok
20	Q3500-03	463	VX048463.D	03 Nov 2025 17:24	vial B pH<2 Internal standard fail;Surrogate fail	JC/MD	Ok
21	Q3500-05	461-LIQUID	VX048464.D	03 Nov 2025 17:44	vial B pH<2.0 Surrogate fail	JC/MD	Ok
22	Q3505-04	10-10-25-WATER	VX048465.D	03 Nov 2025 18:05	vial B pH<2	JC/MD	Ok
23	Q3521-03	TANK-2025	VX048466.D	03 Nov 2025 18:25	Need Straight Run	JC/MD	Not Ok
24	VIBLK	VIBLK	VX048467.D	03 Nov 2025 18:46		JC/MD	Ok
25	VIBLK	VIBLK	VX048468.D	03 Nov 2025 19:06		JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX048469.D	03 Nov 2025 19:27		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY103025

Review By	Amit Patel	Review On	10/31/2025 9:48:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/31/2025 2:47:09 PM		
SubDirectory	VY103025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135980
Initial Calibration Stds	
CCC	VP135981,VP135982
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023619.D	30 Oct 2025 08:39		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023620.D	30 Oct 2025 09:09		SY/MD	Ok,M
3	VY1030SBL01	VY1030SBL01	VY023621.D	30 Oct 2025 09:40		SY/MD	Ok
4	VY1030SBS01	VY1030SBS01	VY023622.D	30 Oct 2025 10:36		SY/MD	Ok,M
5	VY1030SBSD01	VY1030SBSD01	VY023623.D	30 Oct 2025 11:09		SY/MD	Ok,M
6	Q3486-01	TP3	VY023624.D	30 Oct 2025 11:53	vial-A	SY/MD	Ok
7	Q3486-03	TP4	VY023625.D	30 Oct 2025 12:16	vial-A	SY/MD	Ok
8	Q3486-05	TP5	VY023626.D	30 Oct 2025 12:40	vial-A	SY/MD	Ok
9	Q3486-07	TP6	VY023627.D	30 Oct 2025 13:03	vial-A	SY/MD	Ok
10	Q3485-01	TR-04-102925	VY023628.D	30 Oct 2025 13:26	vial-A	SY/MD	Ok
11	Q3488-04	MOO-25-0302-0310	VY023629.D	30 Oct 2025 13:50	vial-A Internal Standard fail;Need MeOH	SY/MD	Dilution
12	Q3491-01	SOIL-CUTTINGS-COM	VY023630.D	30 Oct 2025 14:13	vial-A Internal standard fail;Surrogate fail	SY/MD	ReRun
13	Q3495-02	SB-1025-2	VY023631.D	30 Oct 2025 14:37	vial-A	SY/MD	Ok
14	Q3496-01	DRILL-CUTTINGS	VY023632.D	30 Oct 2025 15:00	vial-A	SY/MD	Ok
15	Q3497-01	OK-01-103025	VY023633.D	30 Oct 2025 15:24	vial-A	SY/MD	Ok
16	VIBLK	VIBLK	VY023634.D	30 Oct 2025 15:47		SY/MD	Ok

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260D			10/30/25	
Q3495-03	**TW-1025-1**	**Water**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			10/31/25	
Q3495-03RE	**TW-1025-1RE**	**Water**			**10/27/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			11/03/25	
Q3495-04	**TB**	**Water**			**10/24/25**			**10/29/25**
			VOC-TCLVOA-10	8260-Low			11/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SB-1025-2**								
Q3495-02	SB-1025-2	SOIL	Bis(2-ethylhexyl)phthalate		120.000	J	78.6	230	ug/Kg
			Total Svoc :		**120.00**				
Q3495-02	SB-1025-2	SOIL	1-Heneicosanol	*	170.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Benzophenone	*	320.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	n-Hexadecanoic acid	*	640.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Octadecanoic acid	*	220.000	J	0	0	ug/Kg
Q3495-02	SB-1025-2	SOIL	Phenol, 4,4-(1-methylethylidene)b	*	99.600	J	0	0	ug/Kg
			Total Tics :		**1,449.60**				
			Total Concentration:		**1,569.60**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	210	U	1	210	440	ug/Kg	11/03/25 16:13	PB170342
108-95-2	Phenol	29.3	U	1	29.3	230	ug/Kg	11/03/25 16:13	PB170342
111-44-4	bis(2-Chloroethyl)ether	32.3	U	1	32.3	230	ug/Kg	11/03/25 16:13	PB170342
95-57-8	2-Chlorophenol	32.4	U	1	32.4	230	ug/Kg	11/03/25 16:13	PB170342
95-48-7	2-Methylphenol	39.7	U	1	39.7	230	ug/Kg	11/03/25 16:13	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	49.8	U	1	49.8	230	ug/Kg	11/03/25 16:13	PB170342
98-86-2	Acetophenone	39.2	U	1	39.2	230	ug/Kg	11/03/25 16:13	PB170342
65794-96-9	3+4-Methylphenols	54.6	U	1	54.6	440	ug/Kg	11/03/25 16:13	PB170342
621-64-7	n-Nitroso-di-n-propylamine	62.9	U	1	62.9	110	ug/Kg	11/03/25 16:13	PB170342
67-72-1	Hexachloroethane	23.4	U	1	23.4	230	ug/Kg	11/03/25 16:13	PB170342
98-95-3	Nitrobenzene	24.3	U	1	24.3	230	ug/Kg	11/03/25 16:13	PB170342
78-59-1	Isophorone	43.5	U	1	43.5	230	ug/Kg	11/03/25 16:13	PB170342
88-75-5	2-Nitrophenol	77.3	U	1	77.3	230	ug/Kg	11/03/25 16:13	PB170342
105-67-9	2,4-Dimethylphenol	86.0	U	1	86.0	230	ug/Kg	11/03/25 16:13	PB170342
111-91-1	bis(2-Chloroethoxy)methane	40.9	U	1	40.9	230	ug/Kg	11/03/25 16:13	PB170342
120-83-2	2,4-Dichlorophenol	37.6	U	1	37.6	230	ug/Kg	11/03/25 16:13	PB170342
91-20-3	Naphthalene	30.1	U	1	30.1	230	ug/Kg	11/03/25 16:13	PB170342
106-47-8	4-Chloroaniline	47.0	U	1	47.0	230	ug/Kg	11/03/25 16:13	PB170342
87-68-3	Hexachlorobutadiene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
105-60-2	Caprolactam	69.2	U	1	69.2	440	ug/Kg	11/03/25 16:13	PB170342
59-50-7	4-Chloro-3-methylphenol	38.1	U	1	38.1	230	ug/Kg	11/03/25 16:13	PB170342
91-57-6	2-Methylnaphthalene	34.0	U	1	34.0	230	ug/Kg	11/03/25 16:13	PB170342
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	440	ug/Kg	11/03/25 16:13	PB170342
88-06-2	2,4,6-Trichlorophenol	26.3	U	1	26.3	230	ug/Kg	11/03/25 16:13	PB170342
95-95-4	2,4,5-Trichlorophenol	38.6	U	1	38.6	230	ug/Kg	11/03/25 16:13	PB170342
92-52-4	1,1-Biphenyl	28.9	U	1	28.9	230	ug/Kg	11/03/25 16:13	PB170342
91-58-7	2-Chloronaphthalene	29.9	U	1	29.9	230	ug/Kg	11/03/25 16:13	PB170342
88-74-4	2-Nitroaniline	63.9	U	1	63.9	230	ug/Kg	11/03/25 16:13	PB170342
131-11-3	Dimethylphthalate	36.0	U	1	36.0	230	ug/Kg	11/03/25 16:13	PB170342
208-96-8	Acenaphthylene	38.4	U	1	38.4	230	ug/Kg	11/03/25 16:13	PB170342
606-20-2	2,6-Dinitrotoluene	44.6	U	1	44.6	230	ug/Kg	11/03/25 16:13	PB170342
99-09-2	3-Nitroaniline	61.1	U	1	61.1	230	ug/Kg	11/03/25 16:13	PB170342
83-32-9	Acenaphthene	28.3	U	1	28.3	230	ug/Kg	11/03/25 16:13	PB170342
51-28-5	2,4-Dinitrophenol	300	U	1	300	440	ug/Kg	11/03/25 16:13	PB170342
100-02-7	4-Nitrophenol	140	U	1	140	440	ug/Kg	11/03/25 16:13	PB170342
132-64-9	Dibenzofuran	30.1	U	1	30.1	230	ug/Kg	11/03/25 16:13	PB170342
121-14-2	2,4-Dinitrotoluene	66.5	U	1	66.5	230	ug/Kg	11/03/25 16:13	PB170342
84-66-2	Diethylphthalate	37.6	U	1	37.6	230	ug/Kg	11/03/25 16:13	PB170342
7005-72-3	4-Chlorophenyl-phenylether	35.4	U	1	35.4	230	ug/Kg	11/03/25 16:13	PB170342
86-73-7	Fluorene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
100-01-6	4-Nitroaniline	85.2	U	1	85.2	230	ug/Kg	11/03/25 16:13	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1	140	440	ug/Kg	11/03/25 16:13	PB170342

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.7	U	1	43.7	230	ug/Kg	11/03/25 16:13	PB170342
101-55-3	4-Bromophenyl-phenylether	36.9	U	1	36.9	230	ug/Kg	11/03/25 16:13	PB170342
118-74-1	Hexachlorobenzene	33.6	U	1	33.6	230	ug/Kg	11/03/25 16:13	PB170342
1912-24-9	Atrazine	45.1	U	1	45.1	230	ug/Kg	11/03/25 16:13	PB170342
87-86-5	Pentachlorophenol	68.1	U	1	68.1	440	ug/Kg	11/03/25 16:13	PB170342
85-01-8	Phenanthrene	27.7	U	1	27.7	230	ug/Kg	11/03/25 16:13	PB170342
120-12-7	Anthracene	44.2	U	1	44.2	230	ug/Kg	11/03/25 16:13	PB170342
86-74-8	Carbazole	41.4	U	1	41.4	230	ug/Kg	11/03/25 16:13	PB170342
84-74-2	Di-n-butylphthalate	63.6	U	1	63.6	230	ug/Kg	11/03/25 16:13	PB170342
206-44-0	Fluoranthene	39.8	U	1	39.8	230	ug/Kg	11/03/25 16:13	PB170342
129-00-0	Pyrene	47.8	U	1	47.8	230	ug/Kg	11/03/25 16:13	PB170342
85-68-7	Butylbenzylphthalate	94.8	U	1	94.8	230	ug/Kg	11/03/25 16:13	PB170342
91-94-1	3,3-Dichlorobenzidine	48.7	U	1	48.7	440	ug/Kg	11/03/25 16:13	PB170342
56-55-3	Benzo(a)anthracene	30.5	U	1	30.5	230	ug/Kg	11/03/25 16:13	PB170342
218-01-9	Chrysene	26.4	U	1	26.4	230	ug/Kg	11/03/25 16:13	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	1	78.6	230	ug/Kg	11/03/25 16:13	PB170342
117-84-0	Di-n-octyl phthalate	120	U	1	120	440	ug/Kg	11/03/25 16:13	PB170342
205-99-2	Benzo(b)fluoranthene	25.2	U	1	25.2	230	ug/Kg	11/03/25 16:13	PB170342
207-08-9	Benzo(k)fluoranthene	29.7	U	1	29.7	230	ug/Kg	11/03/25 16:13	PB170342
50-32-8	Benzo(a)pyrene	39.2	U	1	39.2	230	ug/Kg	11/03/25 16:13	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	38.6	U	1	38.6	230	ug/Kg	11/03/25 16:13	PB170342
53-70-3	Dibenzo(a,h)anthracene	36.4	U	1	36.4	230	ug/Kg	11/03/25 16:13	PB170342
191-24-2	Benzo(g,h,i)perylene	34.1	U	1	34.1	230	ug/Kg	11/03/25 16:13	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	34.0	U	1	34.0	230	ug/Kg	11/03/25 16:13	PB170342
123-91-1	1,4-Dioxane	60.0	U	1	60.0	230	ug/Kg	11/03/25 16:13	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	36.4	U	1	36.4	230	ug/Kg	11/03/25 16:13	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	74.1			18 - 112	49%	SPK: 150		
13127-88-3	Phenol-d6	74.6			15 - 107	50%	SPK: 150		
4165-60-0	Nitrobenzene-d5	50.9			18 - 107	51%	SPK: 100		
321-60-8	2-Fluorobiphenyl	44.6			20 - 109	45%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	85.3			10 - 116	57%	SPK: 150		
1718-51-0	Terphenyl-d14	44.5			10 - 105	44%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	336000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	821000							
1517-22-2	Phenanthrene-d10	1670000							
1719-03-5	Chrysene-d12	1800000							
1520-96-3	Perylene-d12	2050000							
TENTATIVE IDENTIFIED COMPOUNDS									
000119-61-9	Benzophenone	320	J			15.7	ug/Kg		
000057-10-3	n-Hexadecanoic acid	640	J			18.1	ug/Kg		

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2			SDG No.:	Q3495
Lab Sample ID:	Q3495-02			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.09 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	220	J			19.4	ug/Kg		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	99.6	J			19.7	ug/Kg		
015594-90-8	1-Heneicosanol	170	J			21.3	ug/Kg		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	10/31/25 18:57	PB170346
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/31/25 18:57	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/31/25 18:57	PB170346
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/31/25 18:57	PB170346
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/31/25 18:57	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/31/25 18:57	PB170346
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	10/31/25 18:57	PB170346
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/31/25 18:57	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	10/31/25 18:57	PB170346
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/31/25 18:57	PB170346
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/31/25 18:57	PB170346
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/31/25 18:57	PB170346
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/31/25 18:57	PB170346
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/31/25 18:57	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/31/25 18:57	PB170346
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	10/31/25 18:57	PB170346
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/31/25 18:57	PB170346
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	10/31/25 18:57	PB170346
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/31/25 18:57	PB170346
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	10/31/25 18:57	PB170346
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	10/31/25 18:57	PB170346
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/31/25 18:57	PB170346
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/31/25 18:57	PB170346
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	10/31/25 18:57	PB170346
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	10/31/25 18:57	PB170346
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/31/25 18:57	PB170346
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/31/25 18:57	PB170346
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	10/31/25 18:57	PB170346
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/31/25 18:57	PB170346
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/31/25 18:57	PB170346
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/31/25 18:57	PB170346
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/31/25 18:57	PB170346
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/31/25 18:57	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/31/25 18:57	PB170346
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/31/25 18:57	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	10/31/25 18:57	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/31/25 18:57	PB170346

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/31/25 18:57	PB170346
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/31/25 18:57	PB170346
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	10/31/25 18:57	PB170346
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/31/25 18:57	PB170346
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/31/25 18:57	PB170346
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	10/31/25 18:57	PB170346
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/31/25 18:57	PB170346
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/31/25 18:57	PB170346
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/31/25 18:57	PB170346
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	10/31/25 18:57	PB170346
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/31/25 18:57	PB170346
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/31/25 18:57	PB170346
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/31/25 18:57	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/31/25 18:57	PB170346
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/31/25 18:57	PB170346
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/31/25 18:57	PB170346
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/31/25 18:57	PB170346
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/31/25 18:57	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/31/25 18:57	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/31/25 18:57	PB170346
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/31/25 18:57	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/31/25 18:57	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	10/31/25 18:57	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	10/31/25 18:57	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	59.4			23 - 138	40%	SPK: 150		
13127-88-3	Phenol-d6	40.9			10 - 134	27%	SPK: 150		
4165-60-0	Nitrobenzene-d5	91.6			67 - 132	92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.6			52 - 132	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	160			44 - 137	106%	SPK: 150		
1718-51-0	Terphenyl-d14	91.0			42 - 152	91%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	37800							
1146-65-2	Naphthalene-d8	155000							
15067-26-2	Acenaphthene-d10	121000							
1517-22-2	Phenanthrene-d10	273000							
1719-03-5	Chrysene-d12	293000							
1520-96-3	Perylene-d12	322000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	TW-1025-1			SDG No.:	Q3495
Lab Sample ID:	Q3495-03			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170342BL	PB170342BL	2-Fluorophenol	150	127	85		18	112
		Phenol-d6	150	122	81		15	107
		Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	82.9	83		20	109
		2,4,6-Tribromophenol	150	127	85		10	116
		Terphenyl-d14	100	85.3	85		10	105
PB170342BS	PB170342BS	2-Fluorophenol	150	121	80		18	112
		Phenol-d6	150	121	81		15	107
		Nitrobenzene-d5	100	79.2	79		18	107
		2-Fluorobiphenyl	100	76.7	77		20	109
		2,4,6-Tribromophenol	150	127	85		10	116
		Terphenyl-d14	100	80.8	81		10	105
Q3495-02	SB-1025-2	2-Fluorophenol	150	74.1	49		18	112
		Phenol-d6	150	74.6	50		15	107
		Nitrobenzene-d5	100	50.9	51		18	107
		2-Fluorobiphenyl	100	44.6	45		20	109
		2,4,6-Tribromophenol	150	85.3	57		10	116
		Terphenyl-d14	100	44.5	44		10	105
Q3495-02MS	SB-1025-2MS	2-Fluorophenol	150	74.1	49		18	112
		Phenol-d6	150	74.0	49		15	107
		Nitrobenzene-d5	100	49.0	49		18	107
		2-Fluorobiphenyl	100	43.1	43		20	109
		2,4,6-Tribromophenol	150	81.1	54		10	116
		Terphenyl-d14	100	43.2	43		10	105
Q3495-02MSD	SB-1025-2MSD	2-Fluorophenol	150	66.9	45		18	112
		Phenol-d6	150	67.0	45		15	107
		Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	40.7	41		20	109
		2,4,6-Tribromophenol	150	75.4	50		10	116
		Terphenyl-d14	100	42.9	43		10	105

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Surrogate Summary

SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170346BL	PB170346BL	2-Fluorophenol	150	128	85		23	138
		Phenol-d6	150	122	81		10	134
		Nitrobenzene-d5	100	85.9	86		67	132
		2-Fluorobiphenyl	100	83.0	83		52	132
		2,4,6-Tribromophenol	150	129	86		44	137
		Terphenyl-d14	100	87.1	87		42	152
PB170346BS	PB170346BS	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	118	79		10	134
		Nitrobenzene-d5	100	79.6	80		67	132
		2-Fluorobiphenyl	100	74.9	75		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	77.6	78		42	152
PB170346BSD	PB170346BSD	2-Fluorophenol	150	121	81		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	80.8	81		67	132
		2-Fluorobiphenyl	100	74.0	74		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	79.6	80		42	152
Q3495-03	TW-1025-1	2-Fluorophenol	150	59.4	40		23	138
		Phenol-d6	150	40.9	27		10	134
		Nitrobenzene-d5	100	91.6	92		67	132
		2-Fluorobiphenyl	100	85.6	86		52	132
		2,4,6-Tribromophenol	150	160	106		44	137
		Terphenyl-d14	100	91.0	91		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MS		**Client Sample ID: SB-1025-2MS**									
Benzaldehyde	2200	0	2000	ug/Kg	91				10	171	
Phenol	2200	0	2100	ug/Kg	95				51	122	
bis(2-Chloroethyl)ether	2200	0	2000	ug/Kg	91				54	125	
2-Chlorophenol	2200	0	2200	ug/Kg	100				51	121	
2-Methylphenol	2200	0	2100	ug/Kg	95				47	125	
2,2-oxybis(1-Chloropropane)	2200	0	1800	ug/Kg	82				46	119	
Acetophenone	2200	0	2000	ug/Kg	91				55	128	
3+4-Methylphenols	2200	0	2100	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	2200	0	2000	ug/Kg	91				59	119	
Hexachloroethane	2200	0	2100	ug/Kg	95				51	116	
Nitrobenzene	2200	0	2100	ug/Kg	95				47	124	
Isophorone	2200	0	2000	ug/Kg	91				49	127	
2-Nitrophenol	2200	0	2800	ug/Kg	127				43	131	
2,4-Dimethylphenol	2200	0	2400	ug/Kg	109				63	151	
bis(2-Chloroethoxy)methane	2200	0	2000	ug/Kg	91				51	119	
2,4-Dichlorophenol	2200	0	2200	ug/Kg	100				50	122	
Naphthalene	2200	0	2000	ug/Kg	91				51	121	
4-Chloroaniline	2200	0	740	ug/Kg	34				10	100	
Hexachlorobutadiene	2200	0	2000	ug/Kg	91				44	126	
Caprolactam	2200	0	2200	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	2200	0	2200	ug/Kg	100				57	132	
2-Methylnaphthalene	2200	0	1800	ug/Kg	82				59	123	
Hexachlorocyclopentadiene	4400	0	6300	ug/Kg	143				10	175	
2,4,6-Trichlorophenol	2200	0	2400	ug/Kg	109				33	141	
2,4,5-Trichlorophenol	2200	0	2300	ug/Kg	105				38	135	
1,1-Biphenyl	2200	0	2000	ug/Kg	91				55	131	
2-Chloronaphthalene	2200	0	2000	ug/Kg	91				48	124	
2-Nitroaniline	2200	0	2200	ug/Kg	100				47	134	
Dimethylphthalate	2200	0	2100	ug/Kg	95				54	120	
Acenaphthylene	2200	0	2300	ug/Kg	105				57	125	
2,6-Dinitrotoluene	2200	0	2300	ug/Kg	105				48	127	
3-Nitroaniline	2200	0	1400	ug/Kg	64				10	112	
Acenaphthene	2200	0	1900	ug/Kg	86				70	121	
2,4-Dinitrophenol	4400	0	4600	ug/Kg	105				10	155	
4-Nitrophenol	4400	0	4700	ug/Kg	107				10	175	
Dibenzofuran	2200	0	2000	ug/Kg	91				52	114	
2,4-Dinitrotoluene	2200	0	2200	ug/Kg	100				41	140	
Diethylphthalate	2200	0	2100	ug/Kg	95				51	119	
4-Chlorophenyl-phenylether	2200	0	2000	ug/Kg	91				48	122	
Fluorene	2200	0	2000	ug/Kg	91				53	118	
4-Nitroaniline	2200	0	2300	ug/Kg	105				29	140	
4,6-Dinitro-2-methylphenol	2200	0	2600	ug/Kg	118				10	160	
N-Nitrosodiphenylamine	2200	0	2100	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	2200	0	2100	ug/Kg	95				65	121	
Hexachlorobenzene	2200	0	2100	ug/Kg	95				67	118	
Atrazine	2200	0	2400	ug/Kg	109				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4400	0	5000	ug/Kg	114				13	153	
Phenanthrene	2200	0	2000	ug/Kg	91				52	128	
Anthracene	2200	0	2100	ug/Kg	95				62	124	
Carbazole	2200	0	2200	ug/Kg	100				59	119	
Di-n-butylphthalate	2200	0	2300	ug/Kg	105				55	125	
Fluoranthene	2200	0	2100	ug/Kg	95				44	125	
Pyrene	2200	0	1900	ug/Kg	86				37	122	
Butylbenzylphthalate	2200	0	2400	ug/Kg	109				44	135	
3,3-Dichlorobenzidine	2200	0	1900	ug/Kg	86				15	112	
Benzo(a)anthracene	2200	0	2100	ug/Kg	95				53	119	
Chrysene	2200	0	2100	ug/Kg	95				57	121	
bis(2-Ethylhexyl)phthalate	2200	120	2300	ug/Kg	99				42	169	
Di-n-octyl phthalate	2200	0	2800	ug/Kg	127				51	156	
Benzo(b)fluoranthene	2200	0	2100	ug/Kg	95				52	117	
Benzo(k)fluoranthene	2200	0	2100	ug/Kg	95				57	134	
Benzo(a)pyrene	2200	0	2200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	2200	0	2200	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	2200	0	2200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	2200	0	2200	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	2200	0	2000	ug/Kg	91				52	134	
1,4-Dioxane	2200	0	1900	ug/Kg	86				46	112	
2,3,4,6-Tetrachlorophenol	2200	0	2600	ug/Kg	118				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MSD		**Client Sample ID: SB-1025-2MSD**									
Benzaldehyde	2200	0	1800	ug/Kg	82		10		10	171	20
Phenol	2200	0	1900	ug/Kg	86		10		51	122	20
bis(2-Chloroethyl)ether	2200	0	1800	ug/Kg	82		10		54	125	20
2-Chlorophenol	2200	0	2000	ug/Kg	91		9		51	121	20
2-Methylphenol	2200	0	1900	ug/Kg	86		10		47	125	20
2,2-oxybis(1-Chloropropane)	2200	0	1700	ug/Kg	77		6		46	119	20
Acetophenone	2200	0	1900	ug/Kg	86		6		55	128	20
3+4-Methylphenols	2200	0	1900	ug/Kg	86		10		49	125	20
N-Nitroso-di-n-propylamine	2200	0	1800	ug/Kg	82		10		59	119	20
Hexachloroethane	2200	0	1900	ug/Kg	86		10		51	116	20
Nitrobenzene	2200	0	1900	ug/Kg	86		10		47	124	20
Isophorone	2200	0	1900	ug/Kg	86		6		49	127	20
2-Nitrophenol	2200	0	2700	ug/Kg	123		3		43	131	20
2,4-Dimethylphenol	2200	0	2200	ug/Kg	100		9		63	151	20
bis(2-Chloroethoxy)methane	2200	0	1900	ug/Kg	86		6		51	119	20
2,4-Dichlorophenol	2200	0	2100	ug/Kg	95		5		50	122	20
Naphthalene	2200	0	1900	ug/Kg	86		6		51	121	20
4-Chloroaniline	2200	0	810	ug/Kg	37		8		10	100	20
Hexachlorobutadiene	2200	0	1900	ug/Kg	86		6		44	126	20
Caprolactam	2200	0	2100	ug/Kg	95		5		51	134	20
4-Chloro-3-methylphenol	2200	0	2100	ug/Kg	95		5		57	132	20
2-Methylnaphthalene	2200	0	1700	ug/Kg	77		6		59	123	20
Hexachlorocyclopentadiene	4400	0	5800	ug/Kg	132		8		10	175	20
2,4,6-Trichlorophenol	2200	0	2300	ug/Kg	105		4		33	141	20
2,4,5-Trichlorophenol	2200	0	2100	ug/Kg	95		10		38	135	20
1,1-Biphenyl	2200	0	1900	ug/Kg	86		6		55	131	20
2-Chloronaphthalene	2200	0	1900	ug/Kg	86		6		48	124	20
2-Nitroaniline	2200	0	2100	ug/Kg	95		5		47	134	20
Dimethylphthalate	2200	0	1900	ug/Kg	86		10		54	120	20
Acenaphthylene	2200	0	2200	ug/Kg	100		5		57	125	20
2,6-Dinitrotoluene	2200	0	2200	ug/Kg	100		5		48	127	20
3-Nitroaniline	2200	0	1300	ug/Kg	59		8		10	112	20
Acenaphthene	2200	0	1800	ug/Kg	82		5		70	121	20
2,4-Dinitrophenol	4400	0	4400	ug/Kg	100		5		10	155	20
4-Nitrophenol	4400	0	4300	ug/Kg	98		9		10	175	20
Dibenzofuran	2200	0	1900	ug/Kg	86		6		52	114	20
2,4-Dinitrotoluene	2200	0	2100	ug/Kg	95		5		41	140	20
Diethylphthalate	2200	0	2000	ug/Kg	91		4		51	119	20
4-Chlorophenyl-phenylether	2200	0	1900	ug/Kg	86		6		48	122	20
Fluorene	2200	0	1900	ug/Kg	86		6		53	118	20
4-Nitroaniline	2200	0	2100	ug/Kg	95		10		29	140	20
4,6-Dinitro-2-methylphenol	2200	0	2500	ug/Kg	114		3		10	160	20
N-Nitrosodiphenylamine	2200	0	1900	ug/Kg	86		10		73	118	20
4-Bromophenyl-phenylether	2200	0	1900	ug/Kg	86		10		65	121	20
Hexachlorobenzene	2200	0	1900	ug/Kg	86		10		67	118	20
Atrazine	2200	0	2200	ug/Kg	100		9		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	4400	0	4500	ug/Kg	102		11		13	153	20
Phenanthrene	2200	0	1900	ug/Kg	86		6		52	128	20
Anthracene	2200	0	1900	ug/Kg	86		10		62	124	20
Carbazole	2200	0	1900	ug/Kg	86		15		59	119	20
Di-n-butylphthalate	2200	0	2100	ug/Kg	95		10		55	125	20
Fluoranthene	2200	0	1900	ug/Kg	86		10		44	125	20
Pyrene	2200	0	2000	ug/Kg	91		6		37	122	20
Butylbenzylphthalate	2200	0	2300	ug/Kg	105		4		44	135	20
3,3-Dichlorobenzidine	2200	0	1600	ug/Kg	73		16		15	112	20
Benzo(a)anthracene	2200	0	1900	ug/Kg	86		10		53	119	20
Chrysene	2200	0	1900	ug/Kg	86		10		57	121	20
bis(2-Ethylhexyl)phthalate	2200	120	2100	ug/Kg	90		10		42	169	20
Di-n-octyl phthalate	2200	0	2500	ug/Kg	114		11		51	156	20
Benzo(b)fluoranthene	2200	0	1900	ug/Kg	86		10		52	117	20
Benzo(k)fluoranthene	2200	0	1900	ug/Kg	86		10		57	134	20
Benzo(a)pyrene	2200	0	2100	ug/Kg	95		5		70	142	20
Indeno(1,2,3-cd)pyrene	2200	0	2000	ug/Kg	91		9		40	129	20
Dibenz(a,h)anthracene	2200	0	2000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	2200	0	2100	ug/Kg	95		5		24	125	20
1,2,4,5-Tetrachlorobenzene	2200	0	1800	ug/Kg	82		10		52	134	20
1,4-Dioxane	2200	0	1600	ug/Kg	73		16		46	112	20
2,3,4,6-Tetrachlorophenol	2200	0	2400	ug/Kg	109		8		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170342BS	Benzaldehyde	1700	980	ug/Kg	58				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	790	ug/Kg	46				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	
	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170342BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BS	Benzaldehyde	50	31.5	ug/L	63				10	162	
	Phenol	50	41.9	ug/L	84				66	118	
	bis(2-Chloroethyl)ether	50	39.3	ug/L	79				62	103	
	2-Chlorophenol	50	42.8	ug/L	86				70	117	
	2-Methylphenol	50	42.7	ug/L	85				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.2	ug/L	78				65	100	
	Acetophenone	50	45.3	ug/L	91				60	104	
	3+4-Methylphenols	50	41.8	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50	40.4	ug/L	81				57	107	
	Hexachloroethane	50	39.8	ug/L	80				76	118	
	Nitrobenzene	50	42.1	ug/L	84				58	106	
	Isophorone	50	41.2	ug/L	82				61	102	
	2-Nitrophenol	50	46.6	ug/L	93				70	115	
	2,4-Dimethylphenol	50	47.9	ug/L	96				42	142	
	bis(2-Chloroethoxy)methane	50	41.5	ug/L	83				58	109	
	2,4-Dichlorophenol	50	44.5	ug/L	89				66	115	
	Naphthalene	50	40.0	ug/L	80				64	107	
	4-Chloroaniline	50	26.1	ug/L	52				10	85	
	Hexachlorobutadiene	50	39.5	ug/L	79				69	101	
	Caprolactam	50	42.6	ug/L	85				58	128	
	4-Chloro-3-methylphenol	50	45.1	ug/L	90				65	114	
	2-Methylnaphthalene	50	36.6	ug/L	73				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	46.0	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	45.3	ug/L	91				70	106	
	1,1-Biphenyl	50	45.1	ug/L	90				72	98	
	2-Chloronaphthalene	50	40.1	ug/L	80				59	106	
	2-Nitroaniline	50	43.1	ug/L	86				73	114	
	Dimethylphthalate	50	42.3	ug/L	85				64	103	
	Acenaphthylene	50	47.6	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	46.9	ug/L	94				64	110	
	3-Nitroaniline	50	33.5	ug/L	67				28	100	
	Acenaphthene	50	44.6	ug/L	89				59	113	
	2,4-Dinitrophenol	100	89.4	ug/L	89				36	166	
	4-Nitrophenol	100	86.1	ug/L	86				45	147	
	Dibenzofuran	50	41.0	ug/L	82				65	106	
	2,4-Dinitrotoluene	50	45.6	ug/L	91				60	115	
	Diethylphthalate	50	42.3	ug/L	85				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	41.1	ug/L	82				64	107	
	4-Nitroaniline	50	46.1	ug/L	92				55	125	
	4,6-Dinitro-2-methylphenol	50	50.3	ug/L	101				62	132	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				61	109	
	4-Bromophenyl-phenylether	50	42.6	ug/L	85				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026057.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BS	Hexachlorobenzene	50	41.5	ug/L	83				73	106	
	Atrazine	50	46.3	ug/L	93				76	120	
	Pentachlorophenol	100	90.1	ug/L	90				47	114	
	Phenanthrene	50	41.4	ug/L	83				62	109	
	Anthracene	50	42.7	ug/L	85				65	110	
	Carbazole	50	43.3	ug/L	87				62	106	
	Di-n-butylphthalate	50	44.2	ug/L	88				64	106	
	Fluoranthene	50	41.4	ug/L	83				64	110	
	Pyrene	50	42.2	ug/L	84				71	103	
	Butylbenzylphthalate	50	45.0	ug/L	90				61	105	
	3,3-Dichlorobenzidine	50	33.1	ug/L	66				43	108	
	Benzo(a)anthracene	50	42.1	ug/L	84				62	107	
	Chrysene	50	41.3	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.6	ug/L	85				59	110	
	Di-n-octyl phthalate	50	48.0	ug/L	96				52	139	
	Benzo(b)fluoranthene	50	43.6	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	43.6	ug/L	87				77	105	
	Benzo(a)pyrene	50	45.8	ug/L	92				72	131	
	Indeno(1,2,3-cd)pyrene	50	44.0	ug/L	88				72	105	
	Dibenz(a,h)anthracene	50	44.6	ug/L	89				78	115	
	Benzo(g,h,i)perylene	50	45.2	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				72	101	
	1,4-Dioxane	50	33.2	ug/L	66				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.6	ug/L	97				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BSD	Benzaldehyde	50	31.6	ug/L	63	0			10	162	20
	Phenol	50	42.8	ug/L	86	2			66	118	20
	bis(2-Chloroethyl)ether	50	39.6	ug/L	79	1			62	103	20
	2-Chlorophenol	50	44.1	ug/L	88	3			70	117	20
	2-Methylphenol	50	44.1	ug/L	88	3			69	109	20
	2,2-oxybis(1-Chloropropane)	50	40.0	ug/L	80	2			65	100	20
	Acetophenone	50	44.9	ug/L	90	1			60	104	20
	3+4-Methylphenols	50	43.3	ug/L	87	4			67	106	20
	N-Nitroso-di-n-propylamine	50	42.1	ug/L	84	4			57	107	20
	Hexachloroethane	50	41.1	ug/L	82	3			76	118	20
	Nitrobenzene	50	42.5	ug/L	85	1			58	106	20
	Isophorone	50	41.5	ug/L	83	1			61	102	20
	2-Nitrophenol	50	49.3	ug/L	99	6			70	115	20
	2,4-Dimethylphenol	50	48.0	ug/L	96	0			42	142	20
	bis(2-Chloroethoxy)methane	50	41.9	ug/L	84	1			58	109	20
	2,4-Dichlorophenol	50	45.0	ug/L	90	1			66	115	20
	Naphthalene	50	40.3	ug/L	81	1			64	107	20
	4-Chloroaniline	50	25.1	ug/L	50	4			10	85	20
	Hexachlorobutadiene	50	39.7	ug/L	79	1			69	101	20
	Caprolactam	50	43.5	ug/L	87	2			58	128	20
	4-Chloro-3-methylphenol	50	45.8	ug/L	92	2			65	114	20
	2-Methylnaphthalene	50	37.4	ug/L	75	2			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	9			36	160	20
	2,4,6-Trichlorophenol	50	46.7	ug/L	93	2			61	110	20
	2,4,5-Trichlorophenol	50	46.0	ug/L	92	2			70	106	20
	1,1-Biphenyl	50	45.4	ug/L	91	1			72	98	20
	2-Chloronaphthalene	50	40.6	ug/L	81	1			59	106	20
	2-Nitroaniline	50	44.1	ug/L	88	2			73	114	20
	Dimethylphthalate	50	42.9	ug/L	86	1			64	103	20
	Acenaphthylene	50	47.2	ug/L	94	1			79	103	20
	2,6-Dinitrotoluene	50	47.3	ug/L	95	1			64	110	20
	3-Nitroaniline	50	33.4	ug/L	67	0			28	100	20
	Acenaphthene	50	39.6	ug/L	79	12			59	113	20
	2,4-Dinitrophenol	100	90.8	ug/L	91	2			36	166	20
	4-Nitrophenol	100	87.5	ug/L	88	2			45	147	20
	Dibenzofuran	50	40.3	ug/L	81	2			65	106	20
	2,4-Dinitrotoluene	50	46.2	ug/L	92	1			60	115	20
	Diethylphthalate	50	43.1	ug/L	86	2			63	105	20
	4-Chlorophenyl-phenylether	50	39.6	ug/L	79	1			61	104	20
	Fluorene	50	40.9	ug/L	82	0			64	107	20
	4-Nitroaniline	50	44.9	ug/L	90	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	50.6	ug/L	101	1			62	132	20
	N-Nitrosodiphenylamine	50	43.3	ug/L	87	0			61	109	20
	4-Bromophenyl-phenylether	50	42.0	ug/L	84	1			73	103	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026058.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170346BSD	Hexachlorobenzene	50	41.0	ug/L	82	1			73	106	20
	Atrazine	50	46.9	ug/L	94	1			76	120	20
	Pentachlorophenol	100	90.6	ug/L	91	1			47	114	20
	Phenanthrene	50	40.5	ug/L	81	2			62	109	20
	Anthracene	50	42.3	ug/L	85	1			65	110	20
	Carbazole	50	42.4	ug/L	85	2			62	106	20
	Di-n-butylphthalate	50	44.5	ug/L	89	1			64	106	20
	Fluoranthene	50	41.0	ug/L	82	1			64	110	20
	Pyrene	50	42.8	ug/L	86	1			71	103	20
	Butylbenzylphthalate	50	46.8	ug/L	94	4			61	105	20
	3,3-Dichlorobenzidine	50	34.8	ug/L	70	5			43	108	20
	Benzo(a)anthracene	50	42.2	ug/L	84	0			62	107	20
	Chrysene	50	42.1	ug/L	84	2			61	108	20
	bis(2-Ethylhexyl)phthalate	50	46.0	ug/L	92	8			59	110	20
	Di-n-octyl phthalate	50	51.0	ug/L	102	6			52	139	20
	Benzo(b)fluoranthene	50	43.8	ug/L	88	0			77	113	20
	Benzo(k)fluoranthene	50	44.1	ug/L	88	1			77	105	20
	Benzo(a)pyrene	50	46.2	ug/L	92	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	44.4	ug/L	89	1			72	105	20
	Dibenz(a,h)anthracene	50	45.0	ug/L	90	1			78	115	20
	Benzo(g,h,i)perylene	50	45.8	ug/L	92	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.6	ug/L	87	1			72	101	20
	1,4-Dioxane	50	32.4	ug/L	65	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	49.2	ug/L	98	1			63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170342BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BP026054.D | Lab Sample ID: PB170342BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 11:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170342BS	PB170342BS	BP026055.D	11/03/2025
SB-1025-2	Q3495-02	BP026060.D	11/03/2025
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170346BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BP026056.D | Lab Sample ID: PB170346BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) Water | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 13:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170346BS	PB170346BS	BP026057.D	11/03/2025
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025
TW-1025-1	Q3495-03	BG064662.D	10/31/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	86.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BG064653.D DFTPP Injection Date: 10/31/2025

Instrument ID: BNA_G DFTPP Injection Time: 12:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	81
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064654.D	10/31/2025	13:24
TW-1025-1	Q3495-03	BG064662.D	10/31/2025	18:57

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BP026052.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	80.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026053.D	11/03/2025	11:06
PB170342BL	PB170342BL	BP026054.D	11/03/2025	11:47
PB170342BS	PB170342BS	BP026055.D	11/03/2025	12:29
PB170346BL	PB170346BL	BP026056.D	11/03/2025	13:21
PB170346BS	PB170346BS	BP026057.D	11/03/2025	14:03
PB170346BSD	PB170346BSD	BP026058.D	11/03/2025	14:44
SB-1025-2	Q3495-02	BP026060.D	11/03/2025	16:13
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025	16:54
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025	17:35

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	29760	8.216	121809	11.04	99146	14.84
	UPPER LIMIT	59520	8.716	243618	11.542	198292	15.338
	LOWER LIMIT	14880	7.716	60904.5	10.542	49573	14.338
	EPA SAMPLE NO.						
01	TW-1025-1	37784	8.22	154992	11.04	121331	14.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	255812	17.576	303338	21.853	334065	25.196
	UPPER LIMIT	511624	18.076	606676	22.353	668130	25.696
	LOWER LIMIT	127906	17.076	151669	21.353	167033	24.696
	EPA SAMPLE NO.						
01	TW-1025-1	273070	17.58	293377	21.85	322218	25.20

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	297452	7.649	1230690	10.43	771148	14.30
	UPPER LIMIT	594904	8.149	2461380	10.925	1542300	14.801
	LOWER LIMIT	148726	7.149	615345	9.925	385574	13.801
	EPA SAMPLE NO.						
01	PB170342BL	336600	7.68	1298620	10.45	793578	14.31
02	PB170342BS	329449	7.68	1315440	10.45	832110	14.32
03	PB170346BL	300167	7.65	1149840	10.43	696390	14.31
04	PB170346BS	413469	7.68	1637380	10.45	1028880	14.31
05	PB170346BSD	395071	7.68	1598020	10.45	1009230	14.31
06	SB-1025-2	335609	7.68	1339600	10.46	820932	14.33
07	SB-1025-2MS	230344	7.68	913499	10.45	573692	14.32
08	SB-1025-2MSD	345956	7.68	1339140	10.45	838184	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1552560	17.125	1613820	21.572	1763250	24.877
	UPPER LIMIT	3105120	17.625	3227640	22.072	3526500	25.377
	LOWER LIMIT	776280	16.625	806910	21.072	881625	24.377
	EPA SAMPLE NO.						
01	PB170342BL	1683390	17.12	1852670	21.56	2010350	24.88
02	PB170342BS	1709090	17.12	1770070	21.57	1828890	24.88
03	PB170346BL	1482450	17.11	1619680	21.58	1773680	24.90
04	PB170346BS	2027300	17.13	2076510	21.57	2253080	24.90
05	PB170346BSD	2008990	17.12	2004620	21.58	2129530	24.90
06	SB-1025-2	1674460	17.13	1797770	21.57	2045800	24.90
07	SB-1025-2MS	1154140	17.13	1320580	21.58	1554010	24.89
08	SB-1025-2MSD	1700830	17.13	1741310	21.58	1964580	24.90

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	160	U	1	160	330	ug/Kg	11/03/25 11:47	PB170342
108-95-2	Phenol	22.1	U	1	22.1	170	ug/Kg	11/03/25 11:47	PB170342
111-44-4	bis(2-Chloroethyl)ether	24.3	U	1	24.3	170	ug/Kg	11/03/25 11:47	PB170342
95-57-8	2-Chlorophenol	24.4	U	1	24.4	170	ug/Kg	11/03/25 11:47	PB170342
95-48-7	2-Methylphenol	29.9	U	1	29.9	170	ug/Kg	11/03/25 11:47	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	1	37.5	170	ug/Kg	11/03/25 11:47	PB170342
98-86-2	Acetophenone	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
65794-96-9	3+4-Methylphenols	41.1	U	1	41.1	330	ug/Kg	11/03/25 11:47	PB170342
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	1	47.4	80.0	ug/Kg	11/03/25 11:47	PB170342
67-72-1	Hexachloroethane	17.6	U	1	17.6	170	ug/Kg	11/03/25 11:47	PB170342
98-95-3	Nitrobenzene	18.3	U	1	18.3	170	ug/Kg	11/03/25 11:47	PB170342
78-59-1	Isophorone	32.8	U	1	32.8	170	ug/Kg	11/03/25 11:47	PB170342
88-75-5	2-Nitrophenol	58.2	U	1	58.2	170	ug/Kg	11/03/25 11:47	PB170342
105-67-9	2,4-Dimethylphenol	64.8	U	1	64.8	170	ug/Kg	11/03/25 11:47	PB170342
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	1	30.8	170	ug/Kg	11/03/25 11:47	PB170342
120-83-2	2,4-Dichlorophenol	28.3	U	1	28.3	170	ug/Kg	11/03/25 11:47	PB170342
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
106-47-8	4-Chloroaniline	35.4	U	1	35.4	170	ug/Kg	11/03/25 11:47	PB170342
87-68-3	Hexachlorobutadiene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
105-60-2	Caprolactam	52.1	U	1	52.1	330	ug/Kg	11/03/25 11:47	PB170342
59-50-7	4-Chloro-3-methylphenol	28.7	U	1	28.7	170	ug/Kg	11/03/25 11:47	PB170342
91-57-6	2-Methylnaphthalene	25.6	U	1	25.6	170	ug/Kg	11/03/25 11:47	PB170342
77-47-4	Hexachlorocyclopentadiene	120	U	1	120	330	ug/Kg	11/03/25 11:47	PB170342
88-06-2	2,4,6-Trichlorophenol	19.8	U	1	19.8	170	ug/Kg	11/03/25 11:47	PB170342
95-95-4	2,4,5-Trichlorophenol	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
92-52-4	1,1-Biphenyl	21.8	U	1	21.8	170	ug/Kg	11/03/25 11:47	PB170342
91-58-7	2-Chloronaphthalene	22.5	U	1	22.5	170	ug/Kg	11/03/25 11:47	PB170342
88-74-4	2-Nitroaniline	48.1	U	1	48.1	170	ug/Kg	11/03/25 11:47	PB170342
131-11-3	Dimethylphthalate	27.1	U	1	27.1	170	ug/Kg	11/03/25 11:47	PB170342
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/03/25 11:47	PB170342
606-20-2	2,6-Dinitrotoluene	33.6	U	1	33.6	170	ug/Kg	11/03/25 11:47	PB170342
99-09-2	3-Nitroaniline	46.0	U	1	46.0	170	ug/Kg	11/03/25 11:47	PB170342
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/03/25 11:47	PB170342
51-28-5	2,4-Dinitrophenol	230	U	1	230	330	ug/Kg	11/03/25 11:47	PB170342
100-02-7	4-Nitrophenol	110	U	1	110	330	ug/Kg	11/03/25 11:47	PB170342
132-64-9	Dibenzofuran	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
121-14-2	2,4-Dinitrotoluene	50.1	U	1	50.1	170	ug/Kg	11/03/25 11:47	PB170342
84-66-2	Diethylphthalate	28.3	U	1	28.3	170	ug/Kg	11/03/25 11:47	PB170342
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	1	26.7	170	ug/Kg	11/03/25 11:47	PB170342
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
100-01-6	4-Nitroaniline	64.2	U	1	64.2	170	ug/Kg	11/03/25 11:47	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	100	U	1	100	330	ug/Kg	11/03/25 11:47	PB170342

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	32.9	U	1	32.9	170	ug/Kg	11/03/25 11:47	PB170342
101-55-3	4-Bromophenyl-phenylether	27.8	U	1	27.8	170	ug/Kg	11/03/25 11:47	PB170342
118-74-1	Hexachlorobenzene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/03/25 11:47	PB170342
87-86-5	Pentachlorophenol	51.3	U	1	51.3	330	ug/Kg	11/03/25 11:47	PB170342
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/03/25 11:47	PB170342
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/03/25 11:47	PB170342
86-74-8	Carbazole	31.2	U	1	31.2	170	ug/Kg	11/03/25 11:47	PB170342
84-74-2	Di-n-butylphthalate	47.9	U	1	47.9	170	ug/Kg	11/03/25 11:47	PB170342
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/03/25 11:47	PB170342
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/03/25 11:47	PB170342
85-68-7	Butylbenzylphthalate	71.4	U	1	71.4	170	ug/Kg	11/03/25 11:47	PB170342
91-94-1	3,3-Dichlorobenzidine	36.7	U	1	36.7	330	ug/Kg	11/03/25 11:47	PB170342
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/03/25 11:47	PB170342
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/03/25 11:47	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	1	59.2	170	ug/Kg	11/03/25 11:47	PB170342
117-84-0	Di-n-octyl phthalate	86.8	U	1	86.8	330	ug/Kg	11/03/25 11:47	PB170342
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/03/25 11:47	PB170342
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/03/25 11:47	PB170342
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/03/25 11:47	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	1	25.6	170	ug/Kg	11/03/25 11:47	PB170342
123-91-1	1,4-Dioxane	45.2	U	1	45.2	170	ug/Kg	11/03/25 11:47	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	127			18 - 112	85%	SPK: 150		
13127-88-3	Phenol-d6	122			15 - 107	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.9			20 - 109	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	127			10 - 116	85%	SPK: 150		
1718-51-0	Terphenyl-d14	85.3			10 - 105	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	337000							
1146-65-2	Naphthalene-d8	1300000							
15067-26-2	Acenaphthene-d10	794000							
1517-22-2	Phenanthrene-d10	1680000							
1719-03-5	Chrysene-d12	1850000							
1520-96-3	Perylene-d12	2010000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170346BL	SDG No.:	Q3495
Lab Sample ID:	PB170346BL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/03/25 13:21	PB170346
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/03/25 13:21	PB170346
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/03/25 13:21	PB170346
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/03/25 13:21	PB170346
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/03/25 13:21	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/03/25 13:21	PB170346
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/03/25 13:21	PB170346
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/03/25 13:21	PB170346
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/03/25 13:21	PB170346
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/03/25 13:21	PB170346
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/03/25 13:21	PB170346
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/03/25 13:21	PB170346
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/03/25 13:21	PB170346
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/03/25 13:21	PB170346
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/03/25 13:21	PB170346
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/03/25 13:21	PB170346
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/03/25 13:21	PB170346
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/03/25 13:21	PB170346
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/03/25 13:21	PB170346
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/03/25 13:21	PB170346
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/03/25 13:21	PB170346
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/03/25 13:21	PB170346
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/03/25 13:21	PB170346
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/03/25 13:21	PB170346
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/03/25 13:21	PB170346
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/03/25 13:21	PB170346
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/03/25 13:21	PB170346
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/03/25 13:21	PB170346
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/03/25 13:21	PB170346
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/03/25 13:21	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/03/25 13:21	PB170346

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3495
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/03/25 13:21	PB170346
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/03/25 13:21	PB170346
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/03/25 13:21	PB170346
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/03/25 13:21	PB170346
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/03/25 13:21	PB170346
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/03/25 13:21	PB170346
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/03/25 13:21	PB170346
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/03/25 13:21	PB170346
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/03/25 13:21	PB170346
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/03/25 13:21	PB170346
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/03/25 13:21	PB170346
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/03/25 13:21	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/03/25 13:21	PB170346
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/03/25 13:21	PB170346
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/03/25 13:21	PB170346
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/03/25 13:21	PB170346
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/03/25 13:21	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/03/25 13:21	PB170346
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/03/25 13:21	PB170346
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/03/25 13:21	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/03/25 13:21	PB170346
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/03/25 13:21	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/03/25 13:21	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	128			23 - 138	85%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.9			67 - 132	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.0			52 - 132	83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	129			44 - 137	86%	SPK: 150		
1718-51-0	Terphenyl-d14	87.1			42 - 152	87%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	300000							
1146-65-2	Naphthalene-d8	1150000							
15067-26-2	Acenaphthene-d10	696000							
1517-22-2	Phenanthrene-d10	1480000							
1719-03-5	Chrysene-d12	1620000							
1520-96-3	Perylene-d12	1770000							

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BL			SDG No.:	Q3495
Lab Sample ID:	PB170346BL			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	980		1	160	330	ug/Kg	11/03/25 12:29	PB170342
108-95-2	Phenol	1400		1	22.1	170	ug/Kg	11/03/25 12:29	PB170342
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	170	ug/Kg	11/03/25 12:29	PB170342
95-57-8	2-Chlorophenol	1400		1	24.4	170	ug/Kg	11/03/25 12:29	PB170342
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	11/03/25 12:29	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	170	ug/Kg	11/03/25 12:29	PB170342
98-86-2	Acetophenone	1500		1	29.5	170	ug/Kg	11/03/25 12:29	PB170342
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	11/03/25 12:29	PB170342
621-64-7	n-Nitroso-di-n-propylamine	1400		1	47.4	79.9	ug/Kg	11/03/25 12:29	PB170342
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	11/03/25 12:29	PB170342
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	11/03/25 12:29	PB170342
78-59-1	Isophorone	1400		1	32.8	170	ug/Kg	11/03/25 12:29	PB170342
88-75-5	2-Nitrophenol	1400		1	58.2	170	ug/Kg	11/03/25 12:29	PB170342
105-67-9	2,4-Dimethylphenol	1600		1	64.8	170	ug/Kg	11/03/25 12:29	PB170342
111-91-1	bis(2-Chloroethoxy)methane	1400		1	30.8	170	ug/Kg	11/03/25 12:29	PB170342
120-83-2	2,4-Dichlorophenol	1500		1	28.3	170	ug/Kg	11/03/25 12:29	PB170342
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	11/03/25 12:29	PB170342
106-47-8	4-Chloroaniline	790		1	35.4	170	ug/Kg	11/03/25 12:29	PB170342
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
105-60-2	Caprolactam	1500		1	52.1	330	ug/Kg	11/03/25 12:29	PB170342
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	11/03/25 12:29	PB170342
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	11/03/25 12:29	PB170342
77-47-4	Hexachlorocyclopentadiene	3600	E	1	120	330	ug/Kg	11/03/25 12:29	PB170342
88-06-2	2,4,6-Trichlorophenol	1500		1	19.8	170	ug/Kg	11/03/25 12:29	PB170342
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	11/03/25 12:29	PB170342
92-52-4	1,1-Biphenyl	1500		1	21.8	170	ug/Kg	11/03/25 12:29	PB170342
91-58-7	2-Chloronaphthalene	1300		1	22.5	170	ug/Kg	11/03/25 12:29	PB170342
88-74-4	2-Nitroaniline	1400		1	48.1	170	ug/Kg	11/03/25 12:29	PB170342
131-11-3	Dimethylphthalate	1400		1	27.1	170	ug/Kg	11/03/25 12:29	PB170342
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/03/25 12:29	PB170342
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	11/03/25 12:29	PB170342
99-09-2	3-Nitroaniline	1100		1	46.0	170	ug/Kg	11/03/25 12:29	PB170342
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/03/25 12:29	PB170342
51-28-5	2,4-Dinitrophenol	2900	E	1	230	330	ug/Kg	11/03/25 12:29	PB170342
100-02-7	4-Nitrophenol	2900	E	1	110	330	ug/Kg	11/03/25 12:29	PB170342
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	11/03/25 12:29	PB170342
121-14-2	2,4-Dinitrotoluene	1500		1	50.1	170	ug/Kg	11/03/25 12:29	PB170342
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	11/03/25 12:29	PB170342
7005-72-3	4-Chlorophenyl-phenylether	1300		1	26.7	170	ug/Kg	11/03/25 12:29	PB170342
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
100-01-6	4-Nitroaniline	1500		1	64.2	170	ug/Kg	11/03/25 12:29	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	1500		1	100	330	ug/Kg	11/03/25 12:29	PB170342

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1400		1	32.9	170	ug/Kg	11/03/25 12:29	PB170342
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	11/03/25 12:29	PB170342
118-74-1	Hexachlorobenzene	1400		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
1912-24-9	Atrazine	1500		1	34.0	170	ug/Kg	11/03/25 12:29	PB170342
87-86-5	Pentachlorophenol	2900	E	1	51.3	330	ug/Kg	11/03/25 12:29	PB170342
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/03/25 12:29	PB170342
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/03/25 12:29	PB170342
86-74-8	Carbazole	1500		1	31.2	170	ug/Kg	11/03/25 12:29	PB170342
84-74-2	Di-n-butylphthalate	1500		1	47.9	170	ug/Kg	11/03/25 12:29	PB170342
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/03/25 12:29	PB170342
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/03/25 12:29	PB170342
85-68-7	Butylbenzylphthalate	1500		1	71.4	170	ug/Kg	11/03/25 12:29	PB170342
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	330	ug/Kg	11/03/25 12:29	PB170342
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/03/25 12:29	PB170342
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/03/25 12:29	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	1500		1	59.2	170	ug/Kg	11/03/25 12:29	PB170342
117-84-0	Di-n-octyl phthalate	1600		1	86.7	330	ug/Kg	11/03/25 12:29	PB170342
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	11/03/25 12:29	PB170342
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	11/03/25 12:29	PB170342
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/03/25 12:29	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/03/25 12:29	PB170342
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	11/03/25 12:29	PB170342
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/03/25 12:29	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		1	25.6	170	ug/Kg	11/03/25 12:29	PB170342
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	11/03/25 12:29	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	11/03/25 12:29	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	121			18 - 112	80%	SPK: 150		
13127-88-3	Phenol-d6	121			15 - 107	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	79.2			18 - 107	79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.7			20 - 109	77%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	127			10 - 116	85%	SPK: 150		
1718-51-0	Terphenyl-d14	80.8			10 - 105	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	329000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	832000							
1517-22-2	Phenanthrene-d10	1710000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1830000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.5		1	3.90	10.0	ug/L	11/03/25 14:03	PB170346
108-95-2	Phenol	41.9		1	0.91	5.00	ug/L	11/03/25 14:03	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.3		1	0.81	5.00	ug/L	11/03/25 14:03	PB170346
95-57-8	2-Chlorophenol	42.8		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
95-48-7	2-Methylphenol	42.7		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
98-86-2	Acetophenone	45.3		1	0.74	5.00	ug/L	11/03/25 14:03	PB170346
65794-96-9	3+4-Methylphenols	41.8		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
621-64-7	n-Nitroso-di-n-propylamine	40.4		1	1.40	2.50	ug/L	11/03/25 14:03	PB170346
67-72-1	Hexachloroethane	39.8		1	0.65	5.00	ug/L	11/03/25 14:03	PB170346
98-95-3	Nitrobenzene	42.1		1	0.76	5.00	ug/L	11/03/25 14:03	PB170346
78-59-1	Isophorone	41.2		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
88-75-5	2-Nitrophenol	46.6		1	1.80	5.00	ug/L	11/03/25 14:03	PB170346
105-67-9	2,4-Dimethylphenol	47.9		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.5		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
120-83-2	2,4-Dichlorophenol	44.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
91-20-3	Naphthalene	40.0		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
106-47-8	4-Chloroaniline	26.1		1	0.84	5.00	ug/L	11/03/25 14:03	PB170346
87-68-3	Hexachlorobutadiene	39.5		1	0.54	5.00	ug/L	11/03/25 14:03	PB170346
105-60-2	Caprolactam	42.6		1	1.10	10.0	ug/L	11/03/25 14:03	PB170346
59-50-7	4-Chloro-3-methylphenol	45.1		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
91-57-6	2-Methylnaphthalene	36.6		1	0.56	5.00	ug/L	11/03/25 14:03	PB170346
77-47-4	Hexachlorocyclopentadiene	110	E	1	3.60	10.0	ug/L	11/03/25 14:03	PB170346
88-06-2	2,4,6-Trichlorophenol	46.0		1	0.51	5.00	ug/L	11/03/25 14:03	PB170346
95-95-4	2,4,5-Trichlorophenol	45.3		1	0.62	5.00	ug/L	11/03/25 14:03	PB170346
92-52-4	1,1-Biphenyl	45.1		1	0.53	5.00	ug/L	11/03/25 14:03	PB170346
91-58-7	2-Chloronaphthalene	40.1		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
88-74-4	2-Nitroaniline	43.1		1	1.30	5.00	ug/L	11/03/25 14:03	PB170346
131-11-3	Dimethylphthalate	42.3		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
208-96-8	Acenaphthylene	47.6		1	0.75	5.00	ug/L	11/03/25 14:03	PB170346
606-20-2	2,6-Dinitrotoluene	46.9		1	0.92	5.00	ug/L	11/03/25 14:03	PB170346
99-09-2	3-Nitroaniline	33.5		1	1.10	5.00	ug/L	11/03/25 14:03	PB170346
83-32-9	Acenaphthene	44.6		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
51-28-5	2,4-Dinitrophenol	89.4	E	1	6.00	10.0	ug/L	11/03/25 14:03	PB170346
100-02-7	4-Nitrophenol	86.1	E	1	2.40	10.0	ug/L	11/03/25 14:03	PB170346
132-64-9	Dibenzofuran	41.0		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
121-14-2	2,4-Dinitrotoluene	45.6		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
84-66-2	Diethylphthalate	42.3		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
7005-72-3	4-Chlorophenyl-phenylether	40.1		1	0.68	5.00	ug/L	11/03/25 14:03	PB170346
86-73-7	Fluorene	41.1		1	0.63	5.00	ug/L	11/03/25 14:03	PB170346
100-01-6	4-Nitroaniline	46.1		1	1.50	5.00	ug/L	11/03/25 14:03	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	50.3		1	2.90	10.0	ug/L	11/03/25 14:03	PB170346

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	11/03/25 14:03	PB170346
101-55-3	4-Bromophenyl-phenylether	42.6		1	0.40	5.00	ug/L	11/03/25 14:03	PB170346
118-74-1	Hexachlorobenzene	41.5		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
1912-24-9	Atrazine	46.3		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
87-86-5	Pentachlorophenol	90.1	E	1	1.60	10.0	ug/L	11/03/25 14:03	PB170346
85-01-8	Phenanthrene	41.4		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
120-12-7	Anthracene	42.7		1	0.61	5.00	ug/L	11/03/25 14:03	PB170346
86-74-8	Carbazole	43.3		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
84-74-2	Di-n-butylphthalate	44.2		1	1.20	5.00	ug/L	11/03/25 14:03	PB170346
206-44-0	Fluoranthene	41.4		1	0.82	5.00	ug/L	11/03/25 14:03	PB170346
129-00-0	Pyrene	42.2		1	0.50	5.00	ug/L	11/03/25 14:03	PB170346
85-68-7	Butylbenzylphthalate	45.0		1	1.90	5.00	ug/L	11/03/25 14:03	PB170346
91-94-1	3,3-Dichlorobenzidine	33.1		1	0.93	10.0	ug/L	11/03/25 14:03	PB170346
56-55-3	Benzo(a)anthracene	42.1		1	0.45	5.00	ug/L	11/03/25 14:03	PB170346
218-01-9	Chrysene	41.3		1	0.44	5.00	ug/L	11/03/25 14:03	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	42.6		1	1.60	5.00	ug/L	11/03/25 14:03	PB170346
117-84-0	Di-n-octyl phthalate	48.0		1	2.30	10.0	ug/L	11/03/25 14:03	PB170346
205-99-2	Benzo(b)fluoranthene	43.6		1	0.49	5.00	ug/L	11/03/25 14:03	PB170346
207-08-9	Benzo(k)fluoranthene	43.6		1	0.48	5.00	ug/L	11/03/25 14:03	PB170346
50-32-8	Benzo(a)pyrene	45.8		1	0.55	5.00	ug/L	11/03/25 14:03	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.0		1	0.59	5.00	ug/L	11/03/25 14:03	PB170346
53-70-3	Dibenzo(a,h)anthracene	44.6		1	0.67	5.00	ug/L	11/03/25 14:03	PB170346
191-24-2	Benzo(g,h,i)perylene	45.2		1	0.69	5.00	ug/L	11/03/25 14:03	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1	0.52	5.00	ug/L	11/03/25 14:03	PB170346
123-91-1	1,4-Dioxane	33.2		1	1.00	5.00	ug/L	11/03/25 14:03	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		1	0.72	5.00	ug/L	11/03/25 14:03	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	119			23 - 138	79%	SPK: 150		
13127-88-3	Phenol-d6	118			10 - 134	79%	SPK: 150		
4165-60-0	Nitrobenzene-d5	79.6			67 - 132	80%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.9			52 - 132	75%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	123			44 - 137	82%	SPK: 150		
1718-51-0	Terphenyl-d14	77.6			42 - 152	78%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	413000							
1146-65-2	Naphthalene-d8	1640000							
15067-26-2	Acenaphthene-d10	1030000							
1517-22-2	Phenanthrene-d10	2030000							
1719-03-5	Chrysene-d12	2080000							
1520-96-3	Perylene-d12	2250000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BS			SDG No.:	Q3495
Lab Sample ID:	PB170346BS			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3495
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	31.6		1	3.90	10.0	ug/L	11/03/25 14:44	PB170346
108-95-2	Phenol	42.8		1	0.91	5.00	ug/L	11/03/25 14:44	PB170346
111-44-4	bis(2-Chloroethyl)ether	39.6		1	0.81	5.00	ug/L	11/03/25 14:44	PB170346
95-57-8	2-Chlorophenol	44.1		1	0.58	5.00	ug/L	11/03/25 14:44	PB170346
95-48-7	2-Methylphenol	44.1		1	1.10	5.00	ug/L	11/03/25 14:44	PB170346
108-60-1	2,2-oxybis(1-Chloropropane)	40.0		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
98-86-2	Acetophenone	44.9		1	0.74	5.00	ug/L	11/03/25 14:44	PB170346
65794-96-9	3+4-Methylphenols	43.3		1	1.10	10.0	ug/L	11/03/25 14:44	PB170346
621-64-7	n-Nitroso-di-n-propylamine	42.1		1	1.40	2.50	ug/L	11/03/25 14:44	PB170346
67-72-1	Hexachloroethane	41.1		1	0.65	5.00	ug/L	11/03/25 14:44	PB170346
98-95-3	Nitrobenzene	42.5		1	0.76	5.00	ug/L	11/03/25 14:44	PB170346
78-59-1	Isophorone	41.5		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
88-75-5	2-Nitrophenol	49.3		1	1.80	5.00	ug/L	11/03/25 14:44	PB170346
105-67-9	2,4-Dimethylphenol	48.0		1	1.90	5.00	ug/L	11/03/25 14:44	PB170346
111-91-1	bis(2-Chloroethoxy)methane	41.9		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
120-83-2	2,4-Dichlorophenol	45.0		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
91-20-3	Naphthalene	40.3		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
106-47-8	4-Chloroaniline	25.1		1	0.84	5.00	ug/L	11/03/25 14:44	PB170346
87-68-3	Hexachlorobutadiene	39.7		1	0.54	5.00	ug/L	11/03/25 14:44	PB170346
105-60-2	Caprolactam	43.5		1	1.10	10.0	ug/L	11/03/25 14:44	PB170346
59-50-7	4-Chloro-3-methylphenol	45.8		1	0.59	5.00	ug/L	11/03/25 14:44	PB170346
91-57-6	2-Methylnaphthalene	37.4		1	0.56	5.00	ug/L	11/03/25 14:44	PB170346
77-47-4	Hexachlorocyclopentadiene	120	E	1	3.60	10.0	ug/L	11/03/25 14:44	PB170346
88-06-2	2,4,6-Trichlorophenol	46.7		1	0.51	5.00	ug/L	11/03/25 14:44	PB170346
95-95-4	2,4,5-Trichlorophenol	46.0		1	0.62	5.00	ug/L	11/03/25 14:44	PB170346
92-52-4	1,1-Biphenyl	45.4		1	0.53	5.00	ug/L	11/03/25 14:44	PB170346
91-58-7	2-Chloronaphthalene	40.6		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
88-74-4	2-Nitroaniline	44.1		1	1.30	5.00	ug/L	11/03/25 14:44	PB170346
131-11-3	Dimethylphthalate	42.9		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
208-96-8	Acenaphthylene	47.2		1	0.75	5.00	ug/L	11/03/25 14:44	PB170346
606-20-2	2,6-Dinitrotoluene	47.3		1	0.92	5.00	ug/L	11/03/25 14:44	PB170346
99-09-2	3-Nitroaniline	33.4		1	1.10	5.00	ug/L	11/03/25 14:44	PB170346
83-32-9	Acenaphthene	39.6		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
51-28-5	2,4-Dinitrophenol	90.8	E	1	6.00	10.0	ug/L	11/03/25 14:44	PB170346
100-02-7	4-Nitrophenol	87.5	E	1	2.40	10.0	ug/L	11/03/25 14:44	PB170346
132-64-9	Dibenzofuran	40.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
84-66-2	Diethylphthalate	43.1		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
7005-72-3	4-Chlorophenyl-phenylether	39.6		1	0.68	5.00	ug/L	11/03/25 14:44	PB170346
86-73-7	Fluorene	40.9		1	0.63	5.00	ug/L	11/03/25 14:44	PB170346
100-01-6	4-Nitroaniline	44.9		1	1.50	5.00	ug/L	11/03/25 14:44	PB170346
534-52-1	4,6-Dinitro-2-methylphenol	50.6		1	2.90	10.0	ug/L	11/03/25 14:44	PB170346

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3495
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	43.3		1	0.58	5.00	ug/L	11/03/25 14:44	PB170346
101-55-3	4-Bromophenyl-phenylether	42.0		1	0.40	5.00	ug/L	11/03/25 14:44	PB170346
118-74-1	Hexachlorobenzene	41.0		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
1912-24-9	Atrazine	46.9		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
87-86-5	Pentachlorophenol	90.6	E	1	1.60	10.0	ug/L	11/03/25 14:44	PB170346
85-01-8	Phenanthrene	40.5		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
120-12-7	Anthracene	42.3		1	0.61	5.00	ug/L	11/03/25 14:44	PB170346
86-74-8	Carbazole	42.4		1	0.72	5.00	ug/L	11/03/25 14:44	PB170346
84-74-2	Di-n-butylphthalate	44.5		1	1.20	5.00	ug/L	11/03/25 14:44	PB170346
206-44-0	Fluoranthene	41.0		1	0.82	5.00	ug/L	11/03/25 14:44	PB170346
129-00-0	Pyrene	42.8		1	0.50	5.00	ug/L	11/03/25 14:44	PB170346
85-68-7	Butylbenzylphthalate	46.8		1	1.90	5.00	ug/L	11/03/25 14:44	PB170346
91-94-1	3,3-Dichlorobenzidine	34.8		1	0.93	10.0	ug/L	11/03/25 14:44	PB170346
56-55-3	Benzo(a)anthracene	42.2		1	0.45	5.00	ug/L	11/03/25 14:44	PB170346
218-01-9	Chrysene	42.1		1	0.44	5.00	ug/L	11/03/25 14:44	PB170346
117-81-7	Bis(2-ethylhexyl)phthalate	46.0		1	1.60	5.00	ug/L	11/03/25 14:44	PB170346
117-84-0	Di-n-octyl phthalate	51.0		1	2.30	10.0	ug/L	11/03/25 14:44	PB170346
205-99-2	Benzo(b)fluoranthene	43.8		1	0.49	5.00	ug/L	11/03/25 14:44	PB170346
207-08-9	Benzo(k)fluoranthene	44.1		1	0.48	5.00	ug/L	11/03/25 14:44	PB170346
50-32-8	Benzo(a)pyrene	46.2		1	0.55	5.00	ug/L	11/03/25 14:44	PB170346
193-39-5	Indeno(1,2,3-cd)pyrene	44.4		1	0.59	5.00	ug/L	11/03/25 14:44	PB170346
53-70-3	Dibenzo(a,h)anthracene	45.0		1	0.67	5.00	ug/L	11/03/25 14:44	PB170346
191-24-2	Benzo(g,h,i)perylene	45.8		1	0.69	5.00	ug/L	11/03/25 14:44	PB170346
95-94-3	1,2,4,5-Tetrachlorobenzene	43.6		1	0.52	5.00	ug/L	11/03/25 14:44	PB170346
123-91-1	1,4-Dioxane	32.4		1	1.00	5.00	ug/L	11/03/25 14:44	PB170346
58-90-2	2,3,4,6-Tetrachlorophenol	49.2		1	0.72	5.00	ug/L	11/03/25 14:44	PB170346
SURROGATES									
367-12-4	2-Fluorophenol	121			23 - 138	81%	SPK: 150		
13127-88-3	Phenol-d6	120			10 - 134	80%	SPK: 150		
4165-60-0	Nitrobenzene-d5	80.8			67 - 132	81%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.0			52 - 132	74%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			44 - 137	84%	SPK: 150		
1718-51-0	Terphenyl-d14	79.6			42 - 152	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	395000							
1146-65-2	Naphthalene-d8	1600000							
15067-26-2	Acenaphthene-d10	1010000							
1517-22-2	Phenanthrene-d10	2010000							
1719-03-5	Chrysene-d12	2000000							
1520-96-3	Perylene-d12	2130000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170346BSD			SDG No.:	Q3495
Lab Sample ID:	PB170346BSD			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2000		1	210	440	ug/Kg	11/03/25 16:54	PB170342
108-95-2	Phenol	2100		1	29.4	230	ug/Kg	11/03/25 16:54	PB170342
111-44-4	bis(2-Chloroethyl)ether	2000		1	32.3	230	ug/Kg	11/03/25 16:54	PB170342
95-57-8	2-Chlorophenol	2200		1	32.4	230	ug/Kg	11/03/25 16:54	PB170342
95-48-7	2-Methylphenol	2100		1	39.8	230	ug/Kg	11/03/25 16:54	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1800		1	49.9	230	ug/Kg	11/03/25 16:54	PB170342
98-86-2	Acetophenone	2000		1	39.2	230	ug/Kg	11/03/25 16:54	PB170342
65794-96-9	3+4-Methylphenols	2100		1	54.7	440	ug/Kg	11/03/25 16:54	PB170342
621-64-7	n-Nitroso-di-n-propylamine	2000		1	63.0	110	ug/Kg	11/03/25 16:54	PB170342
67-72-1	Hexachloroethane	2100		1	23.4	230	ug/Kg	11/03/25 16:54	PB170342
98-95-3	Nitrobenzene	2100		1	24.3	230	ug/Kg	11/03/25 16:54	PB170342
78-59-1	Isophorone	2000		1	43.6	230	ug/Kg	11/03/25 16:54	PB170342
88-75-5	2-Nitrophenol	2800		1	77.4	230	ug/Kg	11/03/25 16:54	PB170342
105-67-9	2,4-Dimethylphenol	2400		1	86.2	230	ug/Kg	11/03/25 16:54	PB170342
111-91-1	bis(2-Chloroethoxy)methane	2000		1	41.0	230	ug/Kg	11/03/25 16:54	PB170342
120-83-2	2,4-Dichlorophenol	2200		1	37.6	230	ug/Kg	11/03/25 16:54	PB170342
91-20-3	Naphthalene	2000		1	30.2	230	ug/Kg	11/03/25 16:54	PB170342
106-47-8	4-Chloroaniline	740		1	47.1	230	ug/Kg	11/03/25 16:54	PB170342
87-68-3	Hexachlorobutadiene	2000		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
105-60-2	Caprolactam	2200		1	69.3	440	ug/Kg	11/03/25 16:54	PB170342
59-50-7	4-Chloro-3-methylphenol	2200		1	38.2	230	ug/Kg	11/03/25 16:54	PB170342
91-57-6	2-Methylnaphthalene	1800		1	34.0	230	ug/Kg	11/03/25 16:54	PB170342
77-47-4	Hexachlorocyclopentadiene	6300	E	1	150	440	ug/Kg	11/03/25 16:54	PB170342
88-06-2	2,4,6-Trichlorophenol	2400		1	26.3	230	ug/Kg	11/03/25 16:54	PB170342
95-95-4	2,4,5-Trichlorophenol	2300		1	38.7	230	ug/Kg	11/03/25 16:54	PB170342
92-52-4	1,1-Biphenyl	2000		1	29.0	230	ug/Kg	11/03/25 16:54	PB170342
91-58-7	2-Chloronaphthalene	2000		1	29.9	230	ug/Kg	11/03/25 16:54	PB170342
88-74-4	2-Nitroaniline	2200		1	64.0	230	ug/Kg	11/03/25 16:54	PB170342
131-11-3	Dimethylphthalate	2100		1	36.0	230	ug/Kg	11/03/25 16:54	PB170342
208-96-8	Acenaphthylene	2300		1	38.4	230	ug/Kg	11/03/25 16:54	PB170342
606-20-2	2,6-Dinitrotoluene	2300		1	44.7	230	ug/Kg	11/03/25 16:54	PB170342
99-09-2	3-Nitroaniline	1400		1	61.2	230	ug/Kg	11/03/25 16:54	PB170342
83-32-9	Acenaphthene	1900		1	28.3	230	ug/Kg	11/03/25 16:54	PB170342
51-28-5	2,4-Dinitrophenol	4600	E	1	300	440	ug/Kg	11/03/25 16:54	PB170342
100-02-7	4-Nitrophenol	4700	E	1	140	440	ug/Kg	11/03/25 16:54	PB170342
132-64-9	Dibenzofuran	2000		1	30.2	230	ug/Kg	11/03/25 16:54	PB170342
121-14-2	2,4-Dinitrotoluene	2200		1	66.6	230	ug/Kg	11/03/25 16:54	PB170342
84-66-2	Diethylphthalate	2100		1	37.6	230	ug/Kg	11/03/25 16:54	PB170342
7005-72-3	4-Chlorophenyl-phenylether	2000		1	35.5	230	ug/Kg	11/03/25 16:54	PB170342
86-73-7	Fluorene	2000		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
100-01-6	4-Nitroaniline	2300		1	85.4	230	ug/Kg	11/03/25 16:54	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	2600		1	140	440	ug/Kg	11/03/25 16:54	PB170342

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	2100		1	43.7	230	ug/Kg	11/03/25 16:54	PB170342
101-55-3	4-Bromophenyl-phenylether	2100		1	37.0	230	ug/Kg	11/03/25 16:54	PB170342
118-74-1	Hexachlorobenzene	2100		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
1912-24-9	Atrazine	2400		1	45.2	230	ug/Kg	11/03/25 16:54	PB170342
87-86-5	Pentachlorophenol	5000	E	1	68.2	440	ug/Kg	11/03/25 16:54	PB170342
85-01-8	Phenanthrene	2000		1	27.8	230	ug/Kg	11/03/25 16:54	PB170342
120-12-7	Anthracene	2100		1	44.3	230	ug/Kg	11/03/25 16:54	PB170342
86-74-8	Carbazole	2200		1	41.5	230	ug/Kg	11/03/25 16:54	PB170342
84-74-2	Di-n-butylphthalate	2300		1	63.7	230	ug/Kg	11/03/25 16:54	PB170342
206-44-0	Fluoranthene	2100		1	39.9	230	ug/Kg	11/03/25 16:54	PB170342
129-00-0	Pyrene	1900		1	47.9	230	ug/Kg	11/03/25 16:54	PB170342
85-68-7	Butylbenzylphthalate	2400		1	94.9	230	ug/Kg	11/03/25 16:54	PB170342
91-94-1	3,3-Dichlorobenzidine	1900		1	48.8	440	ug/Kg	11/03/25 16:54	PB170342
56-55-3	Benzo(a)anthracene	2100		1	30.6	230	ug/Kg	11/03/25 16:54	PB170342
218-01-9	Chrysene	2100		1	26.5	230	ug/Kg	11/03/25 16:54	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	2300		1	78.7	230	ug/Kg	11/03/25 16:54	PB170342
117-84-0	Di-n-octyl phthalate	2800		1	120	440	ug/Kg	11/03/25 16:54	PB170342
205-99-2	Benzo(b)fluoranthene	2100		1	25.3	230	ug/Kg	11/03/25 16:54	PB170342
207-08-9	Benzo(k)fluoranthene	2100		1	29.8	230	ug/Kg	11/03/25 16:54	PB170342
50-32-8	Benzo(a)pyrene	2200		1	39.2	230	ug/Kg	11/03/25 16:54	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2200		1	38.7	230	ug/Kg	11/03/25 16:54	PB170342
53-70-3	Dibenzo(a,h)anthracene	2200		1	36.4	230	ug/Kg	11/03/25 16:54	PB170342
191-24-2	Benzo(g,h,i)perylene	2200		1	34.2	230	ug/Kg	11/03/25 16:54	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	34.0	230	ug/Kg	11/03/25 16:54	PB170342
123-91-1	1,4-Dioxane	1900		1	60.1	230	ug/Kg	11/03/25 16:54	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	2600		1	36.4	230	ug/Kg	11/03/25 16:54	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	74.1			18 - 112	49%	SPK: 150		
13127-88-3	Phenol-d6	74.0			15 - 107	49%	SPK: 150		
4165-60-0	Nitrobenzene-d5	49.0			18 - 107	49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.1			20 - 109	43%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	81.1			10 - 116	54%	SPK: 150		
1718-51-0	Terphenyl-d14	43.2			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	230000							
1146-65-2	Naphthalene-d8	913000							
15067-26-2	Acenaphthene-d10	574000							
1517-22-2	Phenanthrene-d10	1150000							
1719-03-5	Chrysene-d12	1320000							
1520-96-3	Perylene-d12	1550000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	1800		1	210	440	ug/Kg	11/03/25 17:35	PB170342
108-95-2	Phenol	1900		1	29.4	230	ug/Kg	11/03/25 17:35	PB170342
111-44-4	bis(2-Chloroethyl)ether	1800		1	32.3	230	ug/Kg	11/03/25 17:35	PB170342
95-57-8	2-Chlorophenol	2000		1	32.4	230	ug/Kg	11/03/25 17:35	PB170342
95-48-7	2-Methylphenol	1900		1	39.7	230	ug/Kg	11/03/25 17:35	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1700		1	49.9	230	ug/Kg	11/03/25 17:35	PB170342
98-86-2	Acetophenone	1900		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
65794-96-9	3+4-Methylphenols	1900		1	54.6	440	ug/Kg	11/03/25 17:35	PB170342
621-64-7	n-Nitroso-di-n-propylamine	1800		1	63.0	110	ug/Kg	11/03/25 17:35	PB170342
67-72-1	Hexachloroethane	1900		1	23.4	230	ug/Kg	11/03/25 17:35	PB170342
98-95-3	Nitrobenzene	1900		1	24.3	230	ug/Kg	11/03/25 17:35	PB170342
78-59-1	Isophorone	1900		1	43.6	230	ug/Kg	11/03/25 17:35	PB170342
88-75-5	2-Nitrophenol	2700		1	77.4	230	ug/Kg	11/03/25 17:35	PB170342
105-67-9	2,4-Dimethylphenol	2200		1	86.1	230	ug/Kg	11/03/25 17:35	PB170342
111-91-1	bis(2-Chloroethoxy)methane	1900		1	40.9	230	ug/Kg	11/03/25 17:35	PB170342
120-83-2	2,4-Dichlorophenol	2100		1	37.6	230	ug/Kg	11/03/25 17:35	PB170342
91-20-3	Naphthalene	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
106-47-8	4-Chloroaniline	810		1	47.1	230	ug/Kg	11/03/25 17:35	PB170342
87-68-3	Hexachlorobutadiene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
105-60-2	Caprolactam	2100		1	69.3	440	ug/Kg	11/03/25 17:35	PB170342
59-50-7	4-Chloro-3-methylphenol	2100		1	38.2	230	ug/Kg	11/03/25 17:35	PB170342
91-57-6	2-Methylnaphthalene	1700		1	34.0	230	ug/Kg	11/03/25 17:35	PB170342
77-47-4	Hexachlorocyclopentadiene	5800	E	1	150	440	ug/Kg	11/03/25 17:35	PB170342
88-06-2	2,4,6-Trichlorophenol	2300		1	26.3	230	ug/Kg	11/03/25 17:35	PB170342
95-95-4	2,4,5-Trichlorophenol	2100		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
92-52-4	1,1-Biphenyl	1900		1	29.0	230	ug/Kg	11/03/25 17:35	PB170342
91-58-7	2-Chloronaphthalene	1900		1	29.9	230	ug/Kg	11/03/25 17:35	PB170342
88-74-4	2-Nitroaniline	2100		1	63.9	230	ug/Kg	11/03/25 17:35	PB170342
131-11-3	Dimethylphthalate	1900		1	36.0	230	ug/Kg	11/03/25 17:35	PB170342
208-96-8	Acenaphthylene	2200		1	38.4	230	ug/Kg	11/03/25 17:35	PB170342
606-20-2	2,6-Dinitrotoluene	2200		1	44.7	230	ug/Kg	11/03/25 17:35	PB170342
99-09-2	3-Nitroaniline	1300		1	61.1	230	ug/Kg	11/03/25 17:35	PB170342
83-32-9	Acenaphthene	1800		1	28.3	230	ug/Kg	11/03/25 17:35	PB170342
51-28-5	2,4-Dinitrophenol	4400	E	1	300	440	ug/Kg	11/03/25 17:35	PB170342
100-02-7	4-Nitrophenol	4300	E	1	140	440	ug/Kg	11/03/25 17:35	PB170342
132-64-9	Dibenzofuran	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
121-14-2	2,4-Dinitrotoluene	2100		1	66.6	230	ug/Kg	11/03/25 17:35	PB170342
84-66-2	Diethylphthalate	2000		1	37.6	230	ug/Kg	11/03/25 17:35	PB170342
7005-72-3	4-Chlorophenyl-phenylether	1900		1	35.5	230	ug/Kg	11/03/25 17:35	PB170342
86-73-7	Fluorene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
100-01-6	4-Nitroaniline	2100		1	85.3	230	ug/Kg	11/03/25 17:35	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	2500		1	140	440	ug/Kg	11/03/25 17:35	PB170342

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	43.7	230	ug/Kg	11/03/25 17:35	PB170342
101-55-3	4-Bromophenyl-phenylether	1900		1	37.0	230	ug/Kg	11/03/25 17:35	PB170342
118-74-1	Hexachlorobenzene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
1912-24-9	Atrazine	2200		1	45.2	230	ug/Kg	11/03/25 17:35	PB170342
87-86-5	Pentachlorophenol	4500	E	1	68.2	440	ug/Kg	11/03/25 17:35	PB170342
85-01-8	Phenanthrene	1900		1	27.8	230	ug/Kg	11/03/25 17:35	PB170342
120-12-7	Anthracene	1900		1	44.3	230	ug/Kg	11/03/25 17:35	PB170342
86-74-8	Carbazole	1900		1	41.5	230	ug/Kg	11/03/25 17:35	PB170342
84-74-2	Di-n-butylphthalate	2100		1	63.7	230	ug/Kg	11/03/25 17:35	PB170342
206-44-0	Fluoranthene	1900		1	39.9	230	ug/Kg	11/03/25 17:35	PB170342
129-00-0	Pyrene	2000		1	47.9	230	ug/Kg	11/03/25 17:35	PB170342
85-68-7	Butylbenzylphthalate	2300		1	94.9	230	ug/Kg	11/03/25 17:35	PB170342
91-94-1	3,3-Dichlorobenzidine	1600		1	48.8	440	ug/Kg	11/03/25 17:35	PB170342
56-55-3	Benzo(a)anthracene	1900		1	30.6	230	ug/Kg	11/03/25 17:35	PB170342
218-01-9	Chrysene	1900		1	26.5	230	ug/Kg	11/03/25 17:35	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	2100		1	78.7	230	ug/Kg	11/03/25 17:35	PB170342
117-84-0	Di-n-octyl phthalate	2500		1	120	440	ug/Kg	11/03/25 17:35	PB170342
205-99-2	Benzo(b)fluoranthene	1900		1	25.3	230	ug/Kg	11/03/25 17:35	PB170342
207-08-9	Benzo(k)fluoranthene	1900		1	29.8	230	ug/Kg	11/03/25 17:35	PB170342
50-32-8	Benzo(a)pyrene	2100		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
53-70-3	Dibenzo(a,h)anthracene	2000		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
191-24-2	Benzo(g,h,i)perylene	2100		1	34.2	230	ug/Kg	11/03/25 17:35	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		1	34.0	230	ug/Kg	11/03/25 17:35	PB170342
123-91-1	1,4-Dioxane	1600		1	60.1	230	ug/Kg	11/03/25 17:35	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	2400		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	66.9			18 - 112	45%	SPK: 150		
13127-88-3	Phenol-d6	67.0			15 - 107	45%	SPK: 150		
4165-60-0	Nitrobenzene-d5	46.1			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	40.7			20 - 109	41%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	75.4			10 - 116	50%	SPK: 150		
1718-51-0	Terphenyl-d14	42.9			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	838000							
1517-22-2	Phenanthrene-d10	1700000							
1719-03-5	Chrysene-d12	1740000							
1520-96-3	Perylene-d12	1960000							

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD			SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

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Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

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86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24

Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.264		6.0	
Benzaldehyde	0.893	1.004		12.4	
Phenol-d6	1.635	1.731		5.9	
Phenol	1.808	1.889		4.5	20.0
bis(2-Chloroethyl)ether	1.329	1.357		2.1	
2-Chlorophenol	1.247	1.415		13.5	
2-Methylphenol	1.201	1.282		6.7	
2,2-oxybis(1-Chloropropane)	3.487	3.486		0.0	
Acetophenone	0.547	0.577		5.5	
3+4-Methylphenols	1.688	1.788		5.9	
n-Nitroso-di-n-propylamine	1.130	1.179	0.050	4.3	
Nitrobenzene-d5	0.333	0.422		26.7	
Hexachloroethane	0.512	0.562		9.8	
Nitrobenzene	0.362	0.439		21.3	
Isophorone	0.799	0.850		6.4	
2-Nitrophenol	0.121	0.179		47.9	20.0
2,4-Dimethylphenol	0.297	0.320		7.7	
bis(2-Chloroethoxy)methane	0.455	0.476		4.6	
2,4-Dichlorophenol	0.320	0.369		15.3	20.0
Naphthalene	1.109	1.162		4.8	
4-Chloroaniline	0.431	0.453		5.1	
Hexachlorobutadiene	0.284	0.312		9.9	20.0
Caprolactam	0.123	0.135		9.8	
4-Chloro-3-methylphenol	0.384	0.428		11.5	20.0
2-Methylnaphthalene	0.814	0.868		6.6	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.465		21.1	20.0
2-Fluorobiphenyl	1.319	1.388		5.2	
2,4,5-Trichlorophenol	0.443	0.516		16.5	
1,1-Biphenyl	1.422	1.474		3.7	
2-Chloronaphthalene	1.073	1.118		4.2	
2-Nitroaniline	0.311	0.422		35.7	
Dimethylphthalate	1.530	1.657		8.3	
Acenaphthylene	1.693	1.769		4.5	
2,6-Dinitrotoluene	0.218	0.300		37.6	
3-Nitroaniline	0.263	0.354		34.6	
Acenaphthene	1.157	1.252		8.2	20.0
2,4-Dinitrophenol	0.132	0.207	0.050	56.8	
4-Nitrophenol	0.244	0.316	0.050	29.5	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24

Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.961		4.9	
2,4-Dinitrotoluene	0.340	0.487		43.2	
Diethylphthalate	1.563	1.669		6.8	
4-Chlorophenyl-phenylether	0.820	0.888		8.3	
Fluorene	1.460	1.563		7.1	
4-Nitroaniline	0.293	0.397		35.5	
4,6-Dinitro-2-methylphenol	0.079	0.121		53.2	
n-Nitrosodiphenylamine	0.540	0.554		2.6	20.0
2,4,6-Tribromophenol	0.289	0.369		27.7	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.296		9.6	
Atrazine	0.232	0.243		4.7	
Pentachlorophenol	0.169	0.202		19.5	20.0
Phenanthrene	1.094	1.147		4.8	
Anthracene	1.113	1.152		3.5	
Carbazole	0.981	1.034		5.4	
Di-n-butylphthalate	1.135	1.193		5.1	
Fluoranthene	1.370	1.478		7.9	20.0
Pyrene	1.307	1.306		-0.1	
Terphenyl-d14	1.060	1.084		2.3	
Butylbenzylphthalate	0.395	0.453		14.7	
3,3-Dichlorobenzidine	0.443	0.498		12.4	
Benzo(a)anthracene	1.326	1.407		6.1	
Chrysene	1.262	1.325		5.0	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.141		14.7	20.0
Benzo(b)fluoranthene	1.226	1.288		5.1	
Benzo(k)fluoranthene	1.227	1.284		4.6	
Benzo(a)pyrene	1.127	1.181		4.8	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.539		4.6	
Dibenzo(a,h)anthracene	1.195	1.255		5.0	
Benzo(g,h,i)perylene	1.142	1.193		4.5	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.542		2.7	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.528		24.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.217		0.4	
Benzaldehyde	0.802	0.703		-12.3	
Phenol-d6	1.543	1.579		2.3	
Phenol	1.713	1.731		1.1	20.0
bis(2-Chloroethyl)ether	1.352	1.405		3.9	
2-Chlorophenol	1.342	1.364		1.6	
2-Methylphenol	1.121	1.153		2.9	
2,2-oxybis(1-Chloropropane)	2.043	2.143		4.9	
Acetophenone	0.506	0.516		2.0	
3+4-Methylphenols	1.560	1.560		0.0	
n-Nitroso-di-n-propylamine	0.958	1.020	0.050	6.5	
Nitrobenzene-d5	0.321	0.336		4.7	
Hexachloroethane	0.533	0.534		0.2	
Nitrobenzene	0.339	0.351		3.5	
Isophorone	0.687	0.709		3.2	
2-Nitrophenol	0.104	0.124		19.2	20.0
2,4-Dimethylphenol	0.289	0.287		-0.7	
bis(2-Chloroethoxy)methane	0.433	0.442		2.1	
2,4-Dichlorophenol	0.305	0.308		1.0	20.0
Naphthalene	1.091	1.101		0.9	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.207		-1.9	20.0
Caprolactam	0.107	0.108		0.9	
4-Chloro-3-methylphenol	0.320	0.333		4.1	20.0
2-Methylnaphthalene	0.763	0.765		0.3	
Hexachlorocyclopentadiene	0.227	0.232	0.050	2.2	
2,4,6-Trichlorophenol	0.367	0.381		3.8	20.0
2-Fluorobiphenyl	1.392	1.389		-0.2	
2,4,5-Trichlorophenol	0.419	0.436		4.1	
1,1-Biphenyl	1.531	1.559		1.8	
2-Chloronaphthalene	1.205	1.213		0.7	
2-Nitroaniline	0.272	0.298		9.6	
Dimethylphthalate	1.455	1.469		1.0	
Acenaphthylene	1.756	1.802		2.6	
2,6-Dinitrotoluene	0.237	0.261		10.1	
3-Nitroaniline	0.291	0.328		12.7	
Acenaphthene	1.206	1.235		2.4	20.0
2,4-Dinitrophenol	0.100	0.115	0.050	15.0	
4-Nitrophenol	0.290	0.277	0.050	-4.5	

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.828		0.3	
2,4-Dinitrotoluene	0.347	0.392		13.0	
Diethylphthalate	1.463	1.489		1.8	
4-Chlorophenyl-phenylether	0.713	0.723		1.4	
Fluorene	1.427	1.458		2.2	
4-Nitroaniline	0.311	0.349		12.2	
4,6-Dinitro-2-methylphenol	0.077	0.083		7.8	
n-Nitrosodiphenylamine	0.625	0.635		1.6	20.0
2,4,6-Tribromophenol	0.216	0.215		-0.5	
4-Bromophenyl-phenylether	0.222	0.225		1.4	
Hexachlorobenzene	0.253	0.250		-1.2	
Atrazine	0.211	0.209		-0.9	
Pentachlorophenol	0.154	0.151		-1.9	20.0
Phenanthrene	1.164	1.162		-0.2	
Anthracene	1.154	1.174		1.7	
Carbazole	1.092	1.126		3.1	
Di-n-butylphthalate	1.222	1.248		2.1	
Fluoranthene	1.358	1.380		1.6	20.0
Pyrene	1.353	1.388		2.6	
Terphenyl-d14	0.984	1.002		1.8	
Butylbenzylphthalate	0.432	0.480		11.1	
3,3-Dichlorobenzidine	0.443	0.455		2.7	
Benzo(a)anthracene	1.374	1.402		2.0	
Chrysene	1.302	1.324		1.7	
Bis(2-ethylhexyl)phthalate	0.718	0.765		6.5	
Di-n-octyl phthalate	1.191	1.230		3.3	20.0
Benzo(b)fluoranthene	1.242	1.277		2.8	
Benzo(k)fluoranthene	1.268	1.281		1.0	
Benzo(a)pyrene	1.141	1.181		3.5	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.531		3.7	
Dibenzo(a,h)anthracene	1.202	1.240		3.2	
Benzo(g,h,i)perylene	1.156	1.186		2.6	
1,2,4,5-Tetrachlorobenzene	0.621	0.614		-1.1	
1,4-Dioxane	0.511	0.528		3.3	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.342		3.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Time: Nov 03 16:33:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

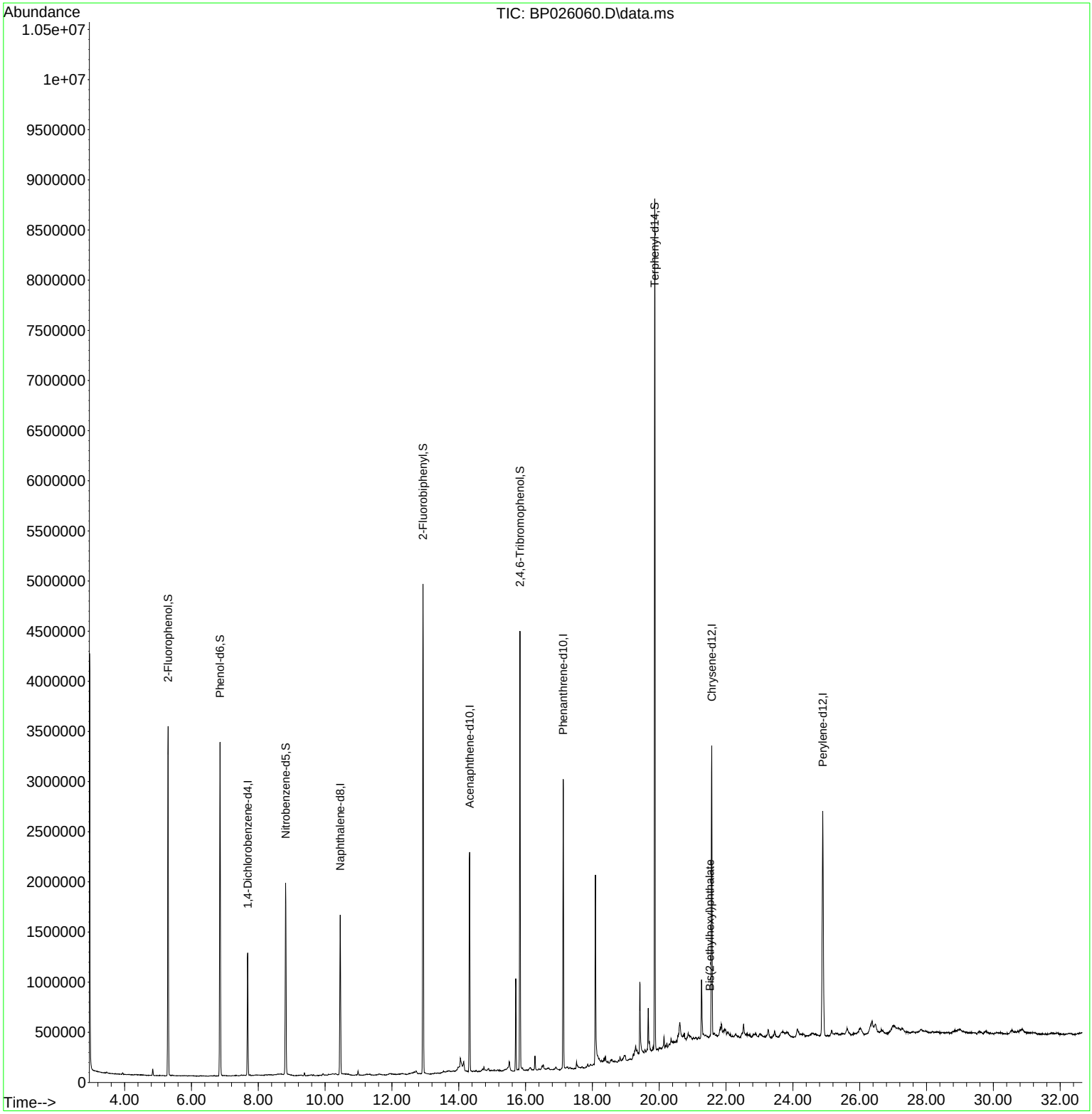
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	335609	20.000	ng	0.00
21) Naphthalene-d8	10.455	136	1339601	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	820932	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1674460	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1797769	20.000	ng	0.00
86) Perylene-d12	24.895	264	2045798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	1506944	74.092	ng	0.00
7) Phenol-d6	6.855	99	1931703	74.620	ng	0.00
23) Nitrobenzene-d5	8.819	82	1094006	50.911	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	756973	85.292	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2550471	44.642	ng	0.00
79) Terphenyl-d14	19.866	244	3935857	44.480	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.519	149	11378	2.746	ng	# 84

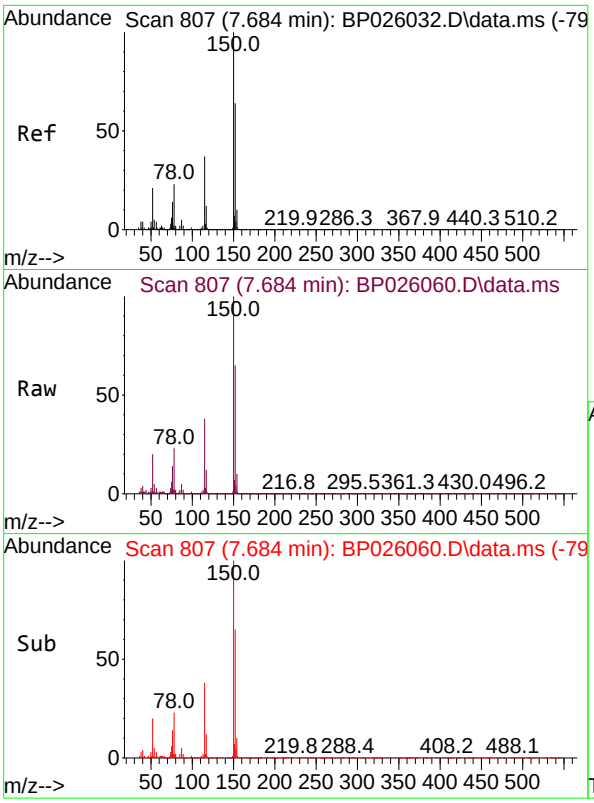
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Time: Nov 03 16:33:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



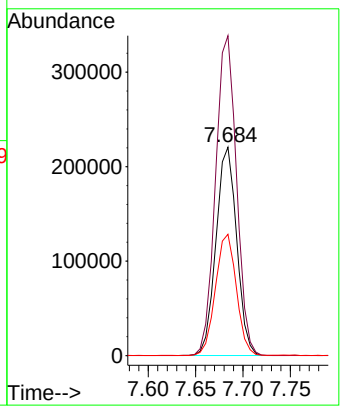


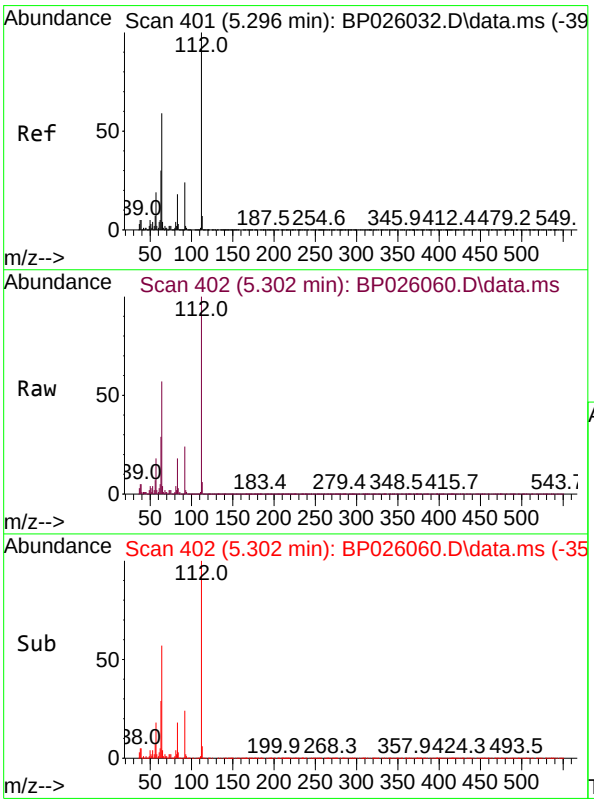
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:152 Resp: 335609

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.7	188.5
115	58.3	46.4	69.6

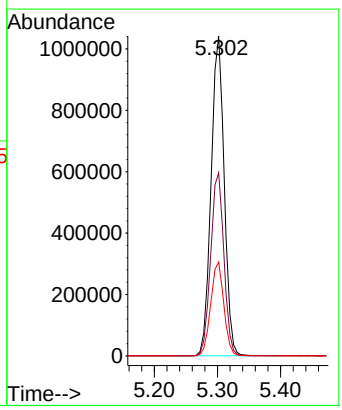


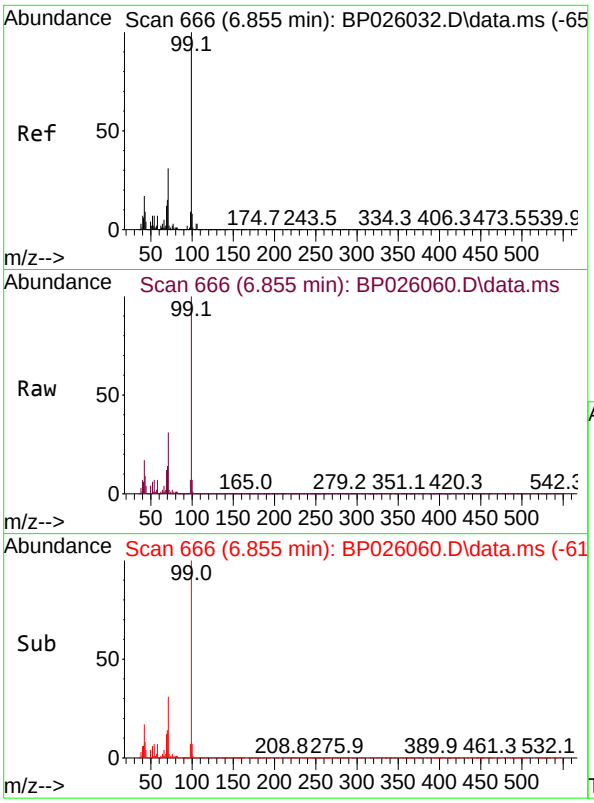


#5
2-Fluorophenol
Concen: 74.092 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:112 Resp: 1506944

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.4	71.2
63	29.3	24.2	36.4



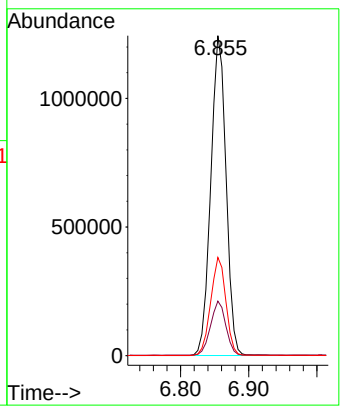


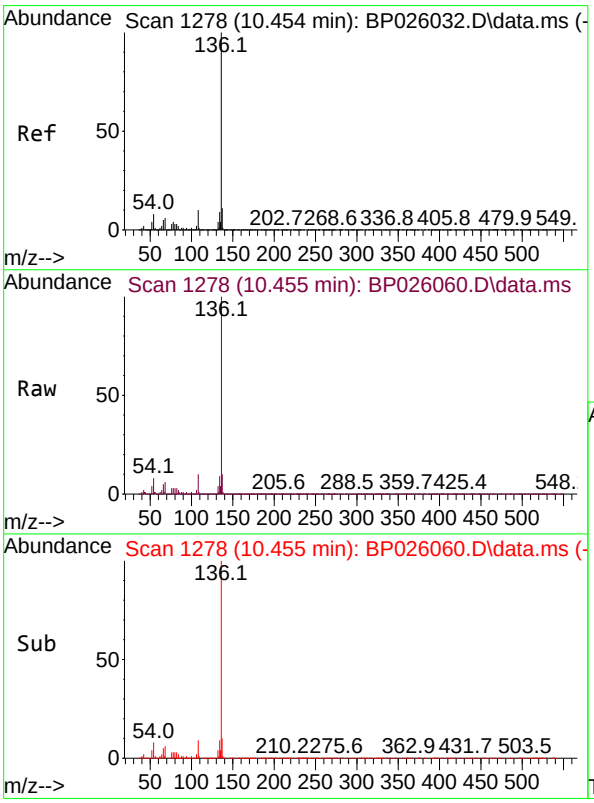
#7
Phenol-d6
Concen: 74.620 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion: 99 Resp: 1931703

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	30.7	24.4	36.6

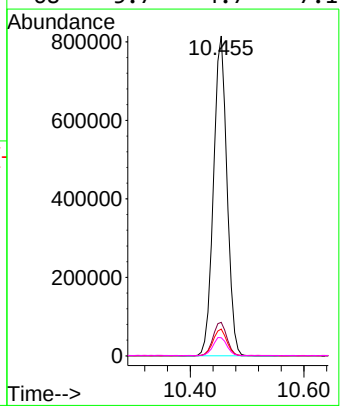


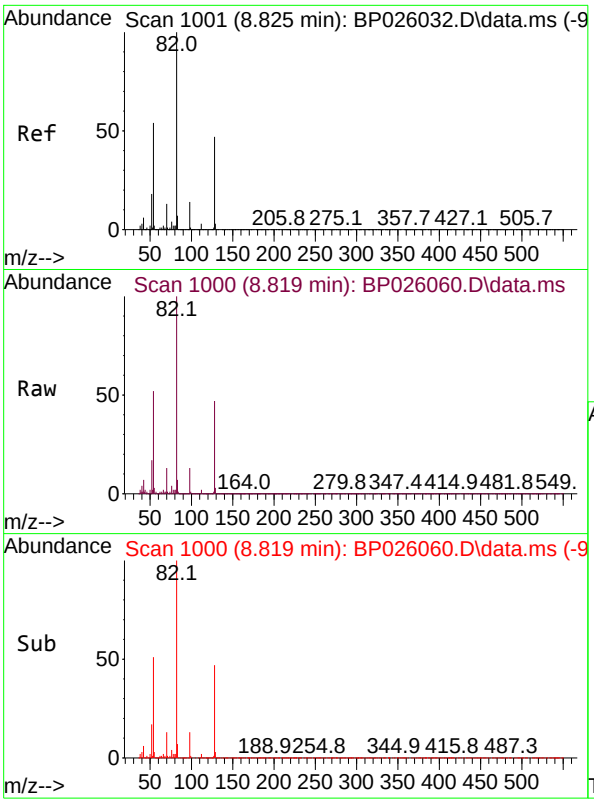


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.455 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:136 Resp: 1339601

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.4	6.6	10.0
68	5.7	4.7	7.1



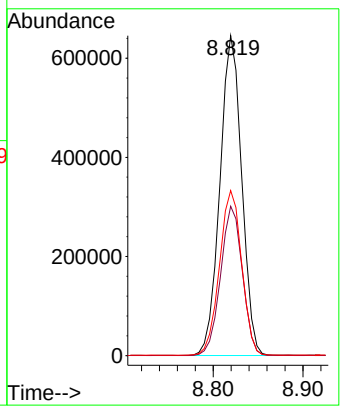


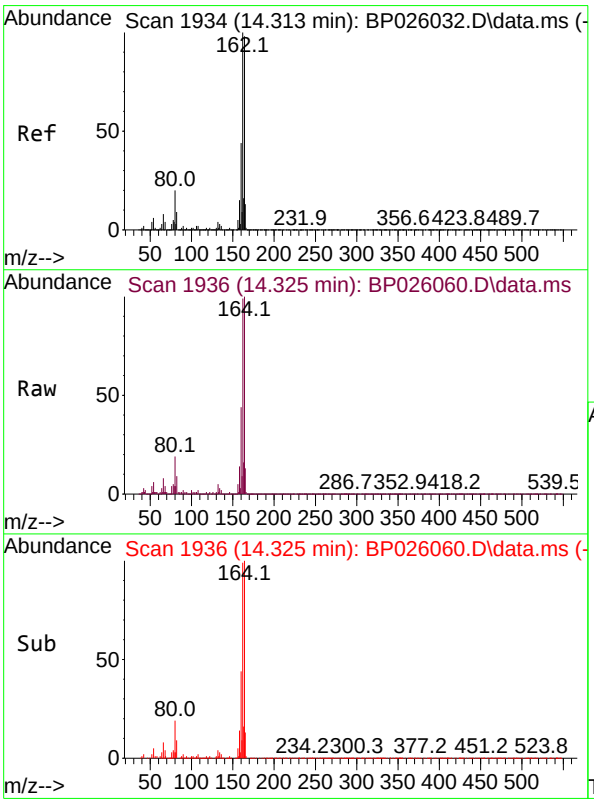
#23
Nitrobenzene-d5
Concen: 50.911 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion: 82 Resp: 1094006

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.0
54	51.6	42.7	64.1

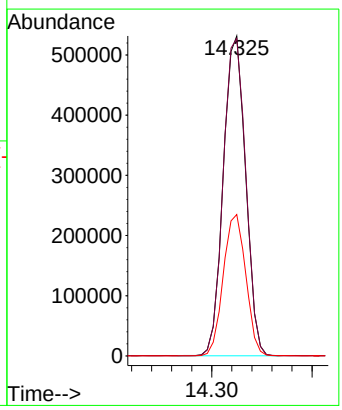


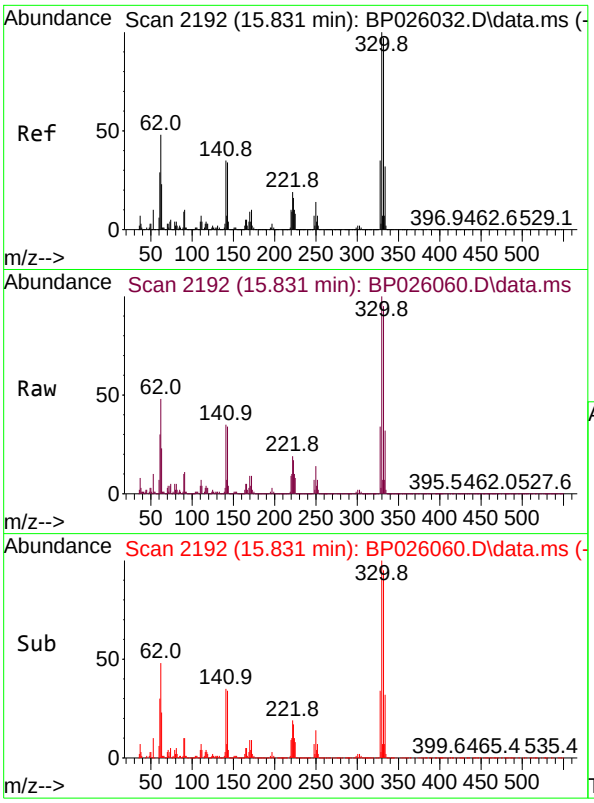


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:164 Resp: 820932

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.5	122.3
160	44.2	36.2	54.4



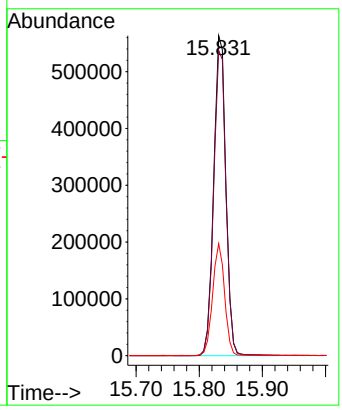


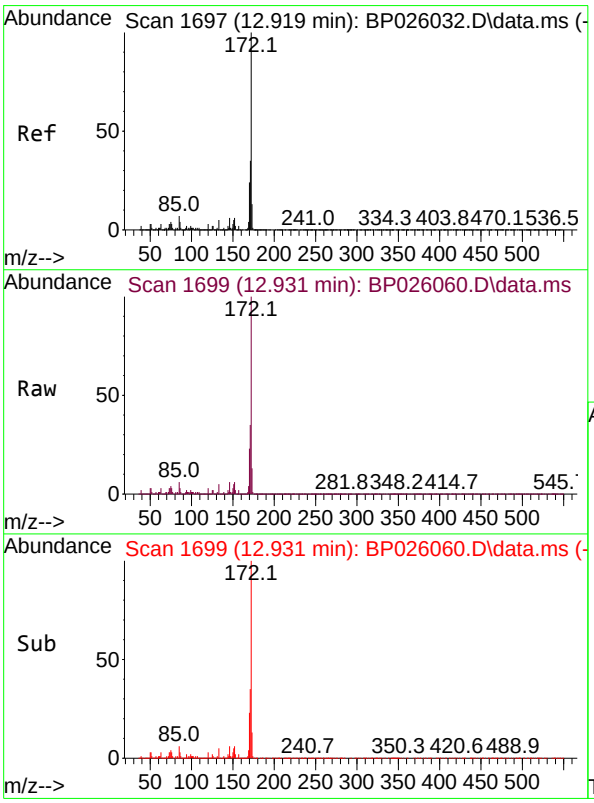
#42
2,4,6-Tribromophenol
Concen: 85.292 ng
RT: 15.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:330 Resp: 756973

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	34.4	28.6	42.8

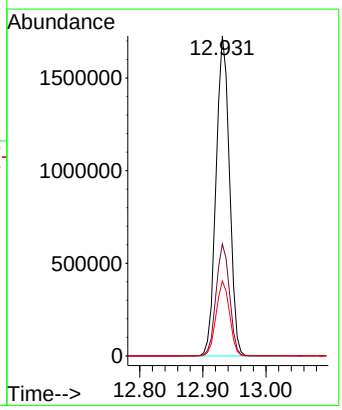


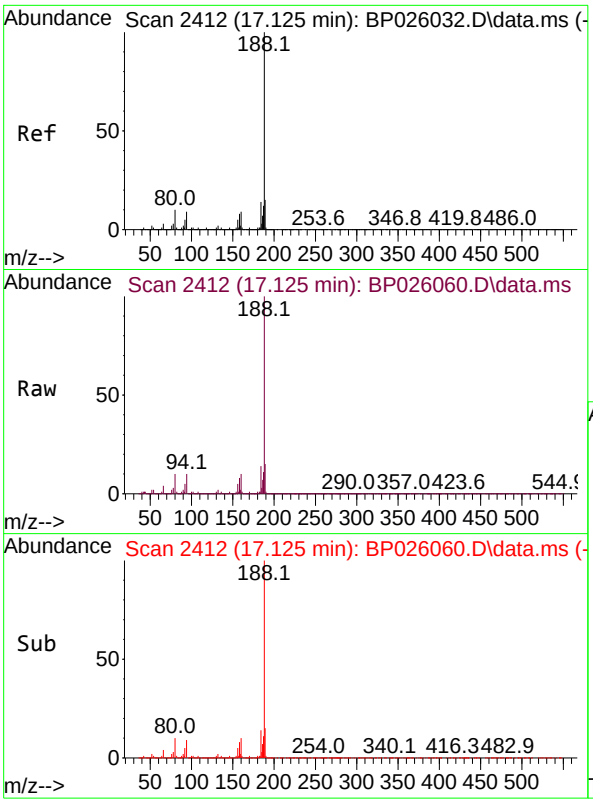


#45
2-Fluorobiphenyl
Concen: 44.642 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:172 Resp: 2550471

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.0	28.4



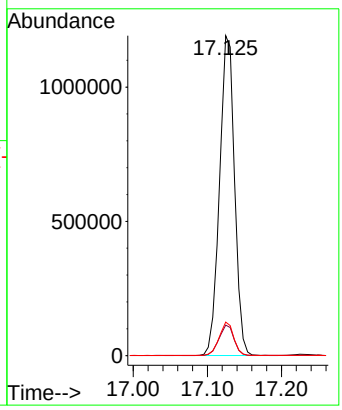


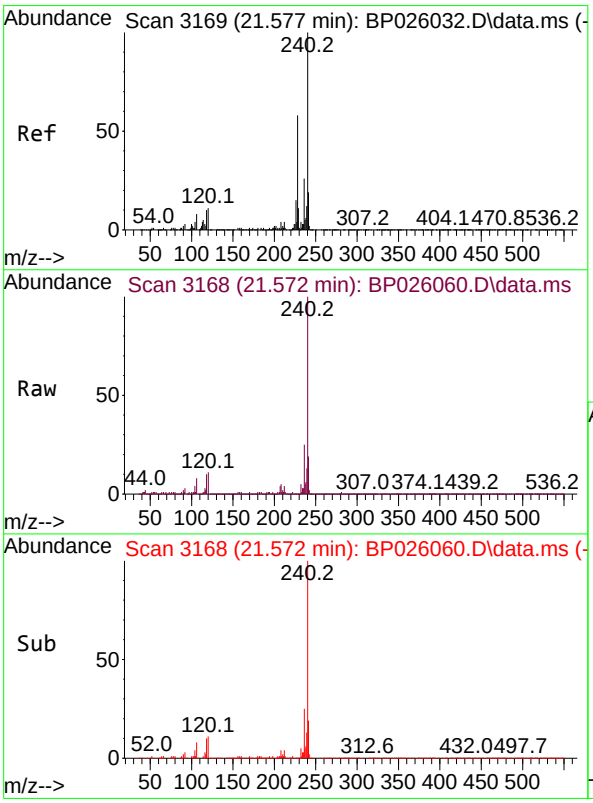
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:188 Resp: 1674460

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.5	7.9	11.9

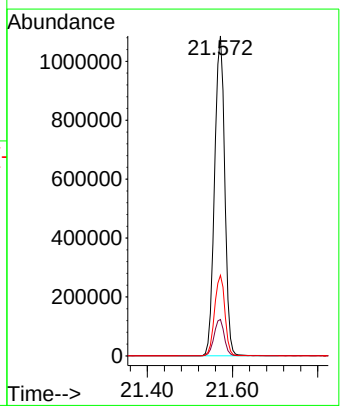


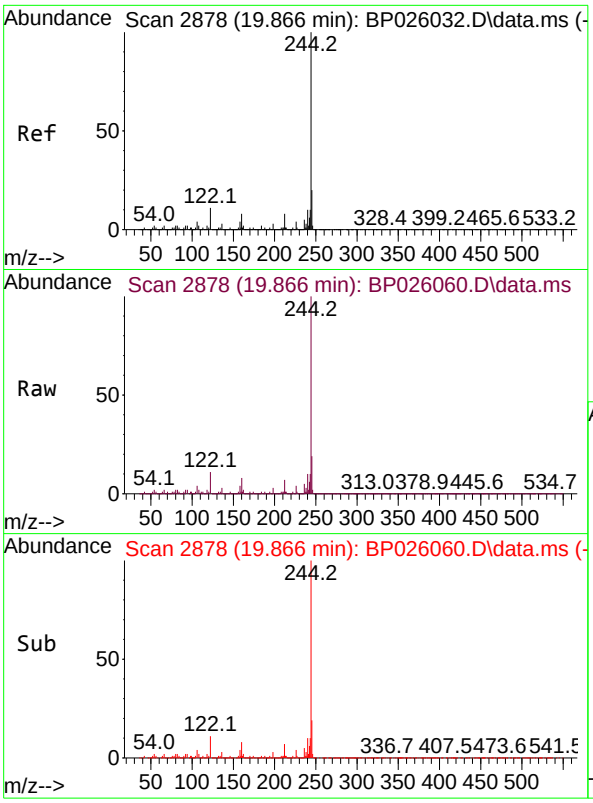


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:240 Resp: 1797769

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.2	20.6	31.0



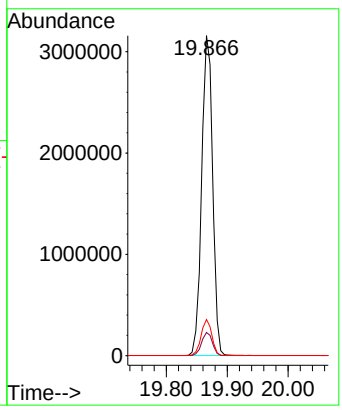


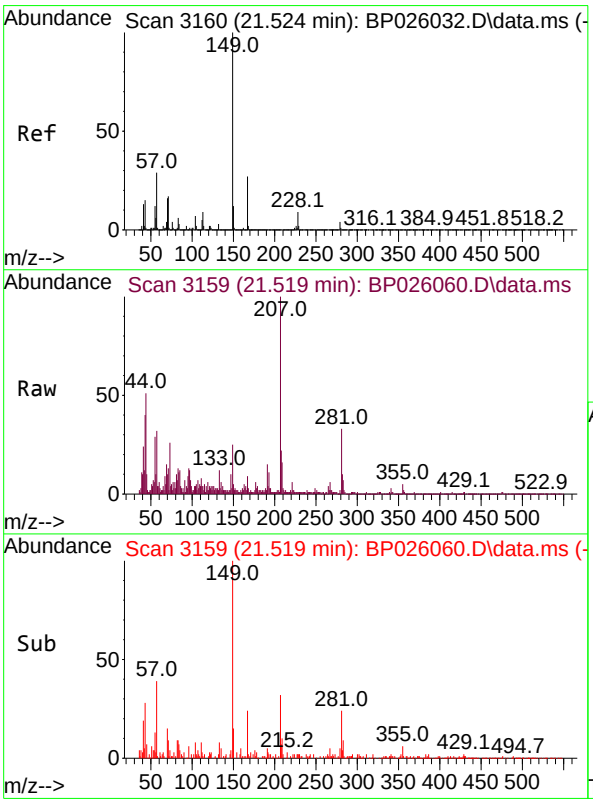
#79
Terphenyl-d14
Concen: 44.480 ng
RT: 19.866 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:244 Resp: 3935857

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	9.0	13.6

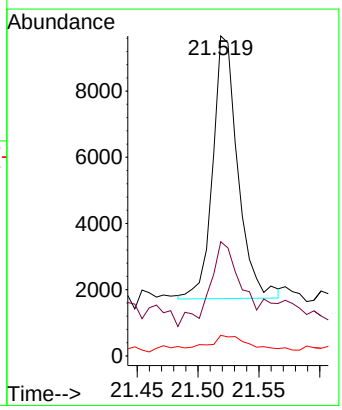


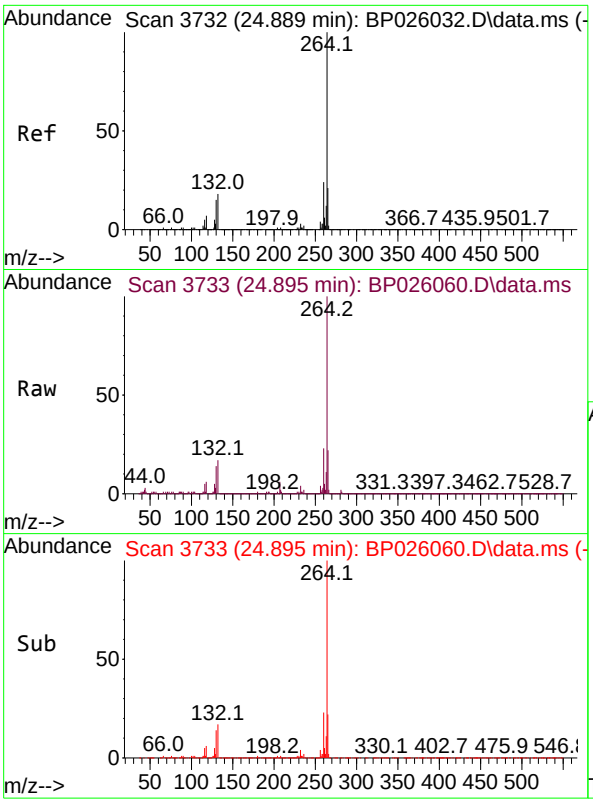


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.746 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Tgt Ion:149 Resp: 11378

Ion	Ratio	Lower	Upper
149	100		
167	35.7	21.5	32.3#
279	6.4	3.0	4.6#



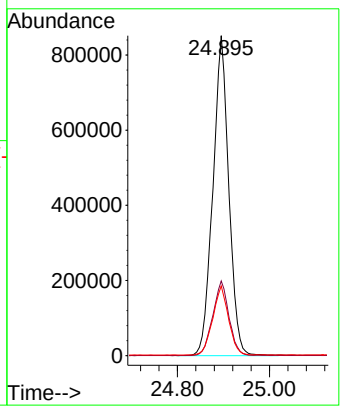


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026060.D
Acq: 03 Nov 2025 16:13

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Tgt Ion:264 Resp: 2045798

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	17.2	25.8



Sample Results: **BP026060.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026060.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.302	394	402	413	rBV	3486134	5074713	48.25%	7.538%
2	6.855	659	666	676	rBV	3328312	5256310	49.98%	7.808%
3	7.684	800	807	814	rVB	1222421	1887661	17.95%	2.804%
4	8.819	988	1000	1009	rBV	1912442	3312967	31.50%	4.921%
5	10.455	1270	1278	1286	rBV	1593395	2669875	25.39%	3.966%
6	12.931	1692	1699	1706	rBV	4883210	7227287	68.72%	10.736%
7	14.048	1885	1889	1899	rBV2	89961	249292	2.37%	0.370%
8	14.148	1903	1906	1914	rVB2	93568	173379	1.65%	0.258%
9	14.325	1929	1936	1943	rBV	2190292	3460398	32.90%	5.140%
10	15.513	2134	2138	2147	rVB	89963	187710	1.78%	0.279%
11	15.707	2165	2171	2177	rBV	917908	1269074	12.07%	1.885%
12	15.831	2186	2192	2202	rBV	4372626	5831631	55.45%	8.663%
13	16.284	2264	2269	2278	rVB	142295	212311	2.02%	0.315%
14	17.125	2406	2412	2425	rVB	2882635	4076611	38.76%	6.056%
15	18.089	2570	2576	2586	rBV	1891394	2968681	28.23%	4.410%
16	19.419	2798	2802	2819	rBV	712226	1188421	11.30%	1.765%
17	19.672	2841	2845	2849	rBV	414777	534614	5.08%	0.794%
18	19.866	2873	2878	2888	rVB	8486438	10516523	100.00%	15.622%
19	20.142	2923	2925	2929	rVB	112777	126732	1.21%	0.188%
20	21.266	3112	3116	3123	rBV	569121	937798	8.92%	1.393%
21	21.572	3161	3168	3176	rBV2	2887830	4753422	45.20%	7.061%
22	24.895	3724	3733	3747	rVB	2239423	5402664	51.37%	8.026%

Sum of corrected areas: 67318074

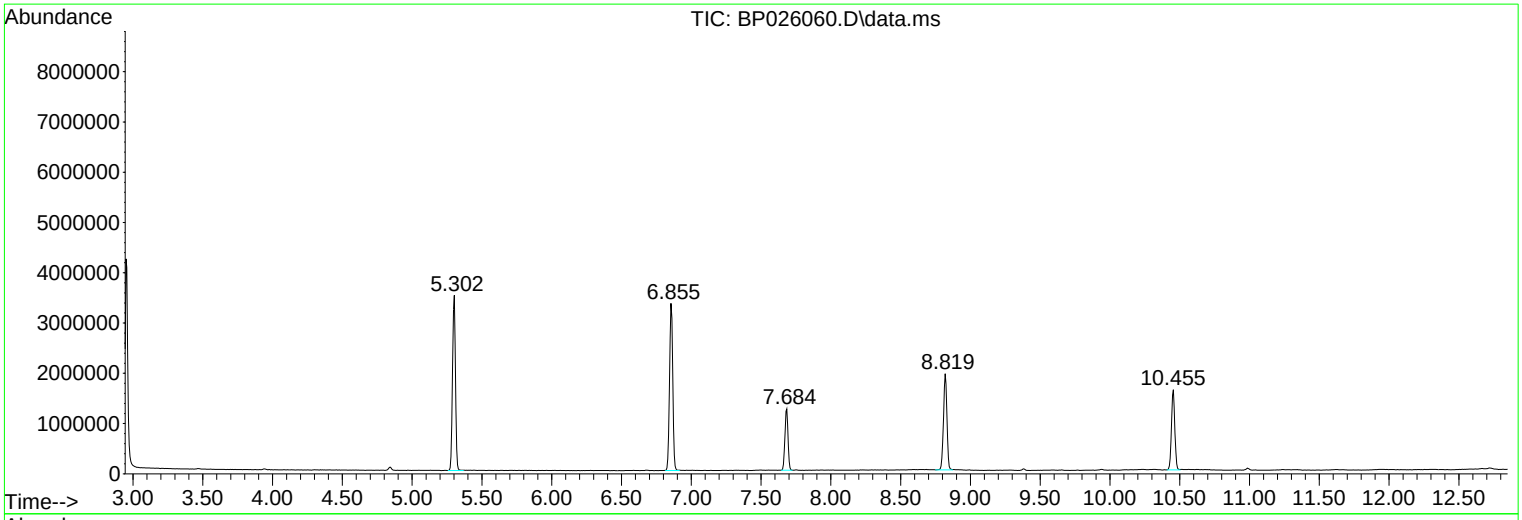
Sample Results: **BP026060.D**

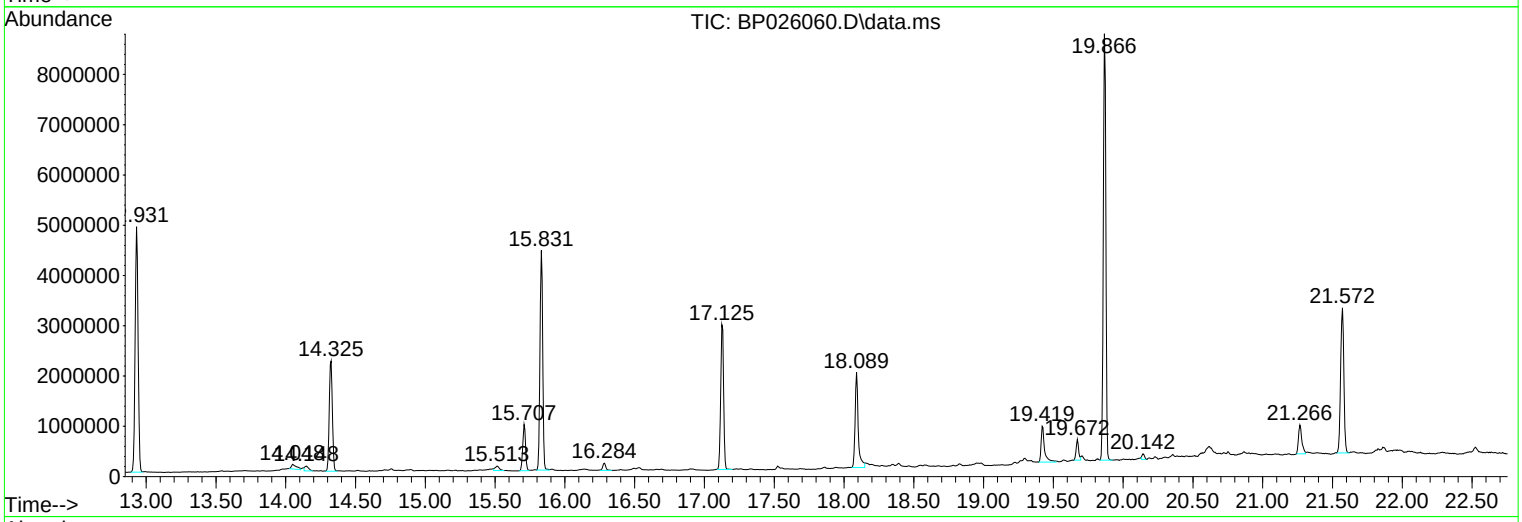
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

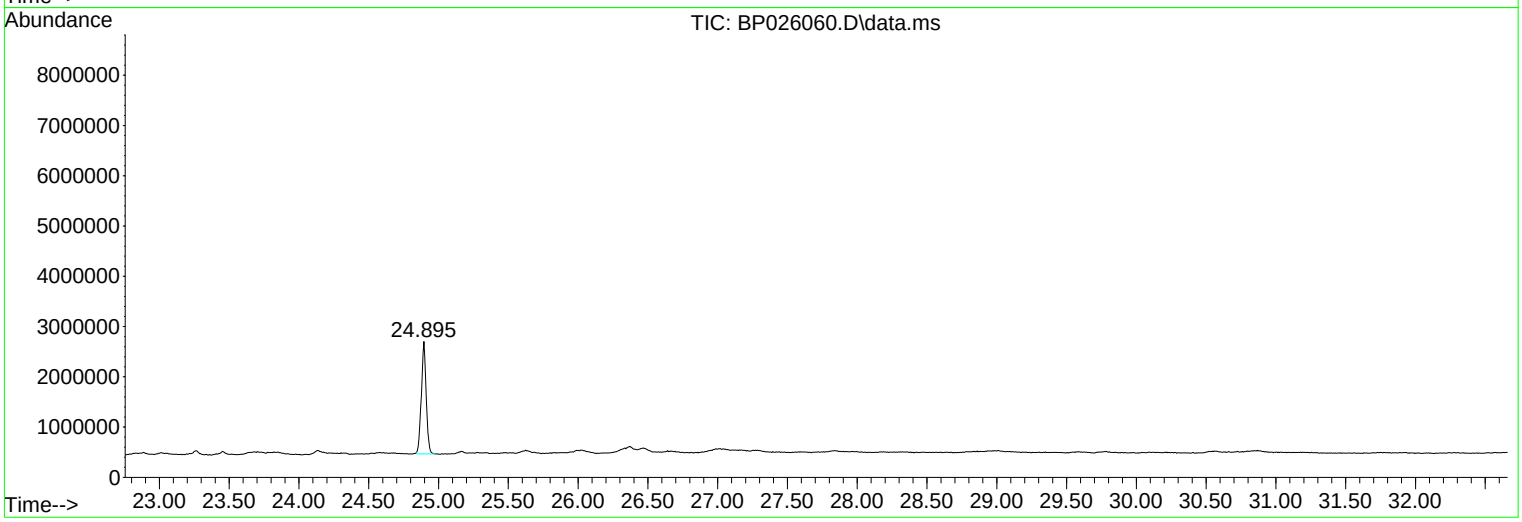
Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

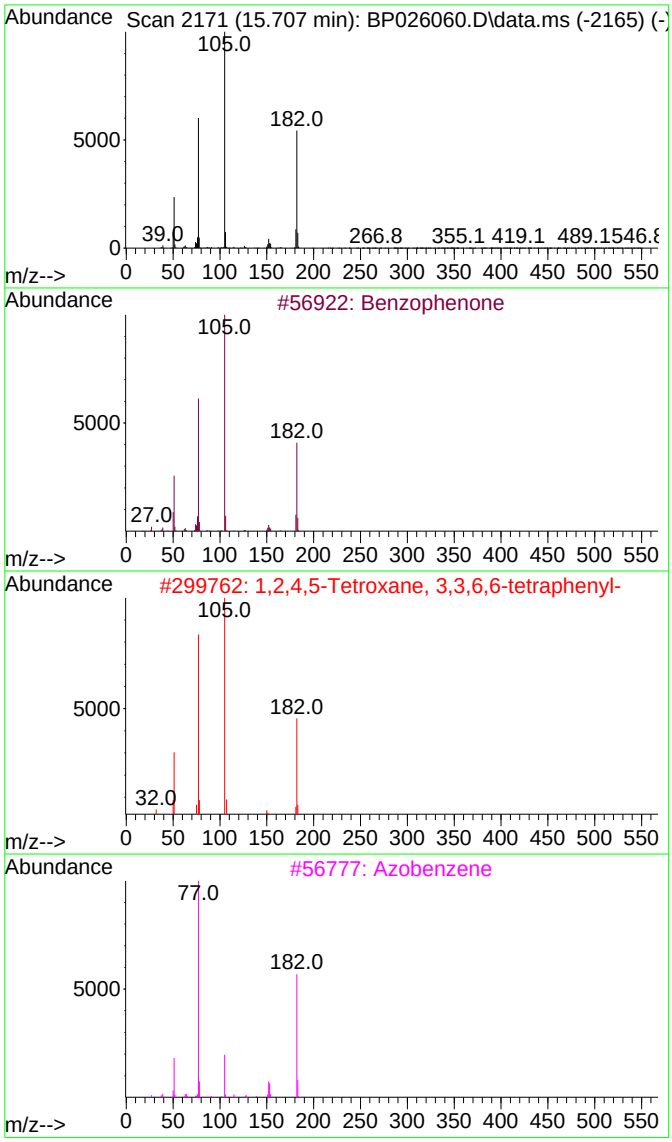
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

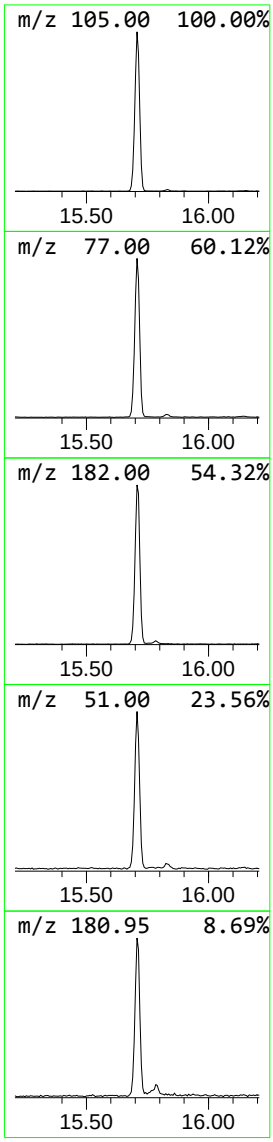
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	7.33 ng	1269070	Acenaphthene-d10	14.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	72
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

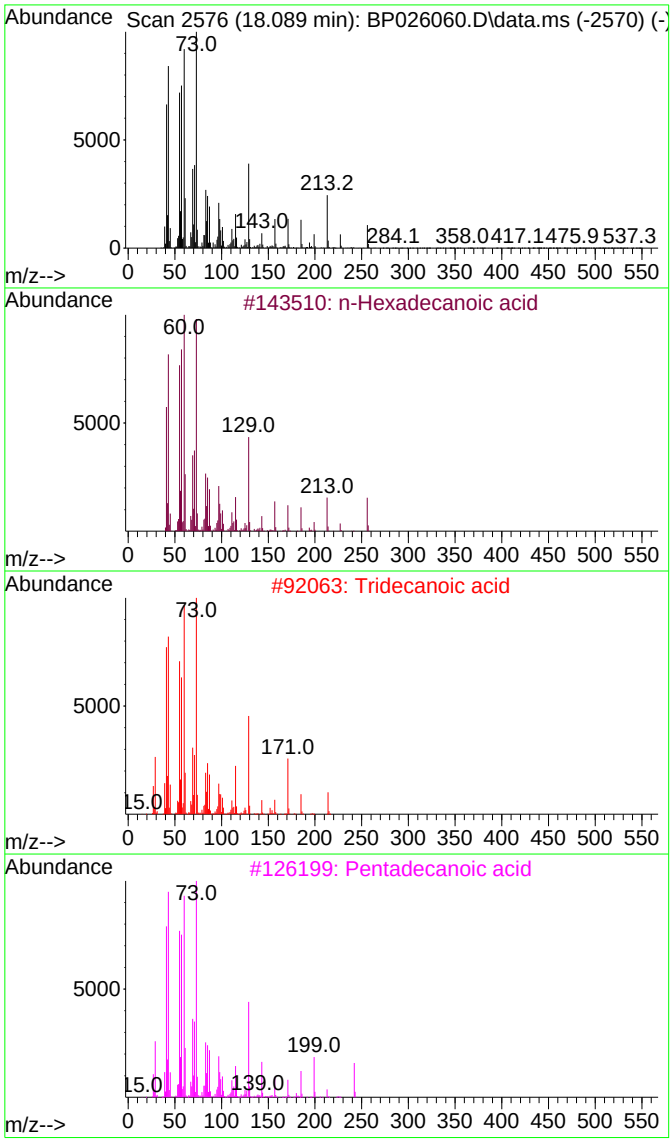
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TIC Integration Parameters: LSCINT.P

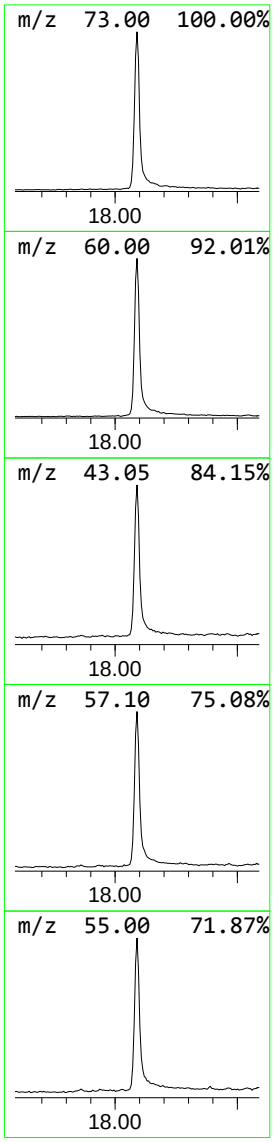
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	14.56 ng	2968680	Phenanthrene-d10	17.125

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

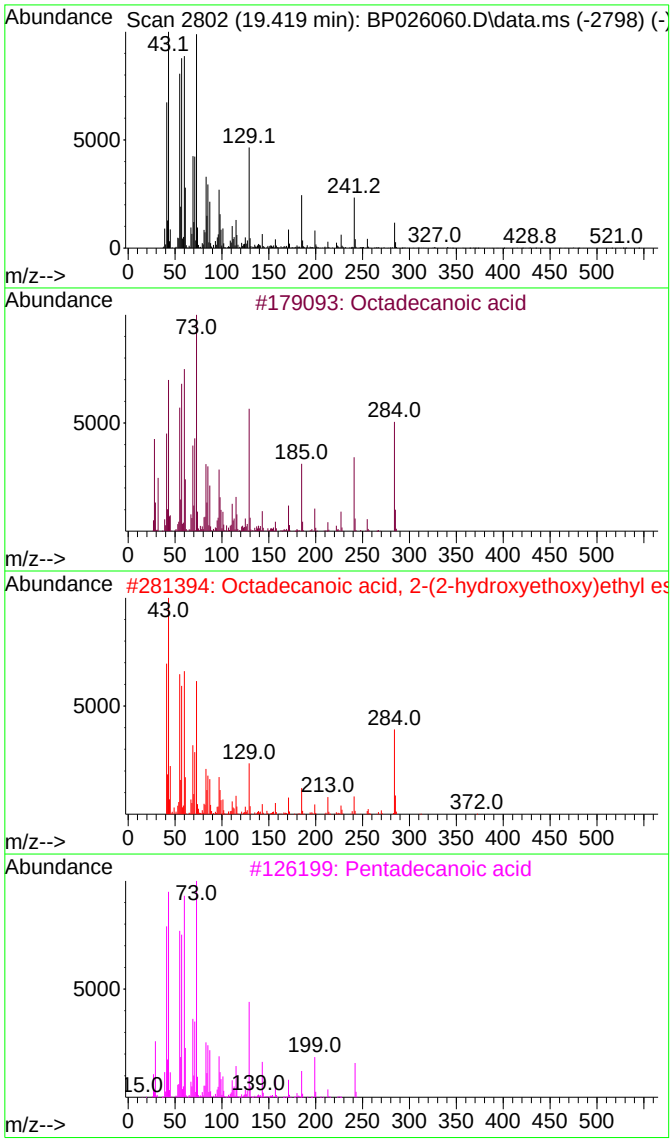
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

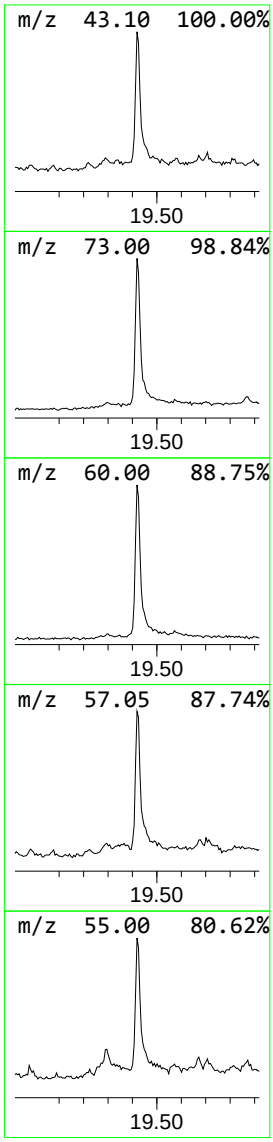
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	5.00 ng	1188420	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

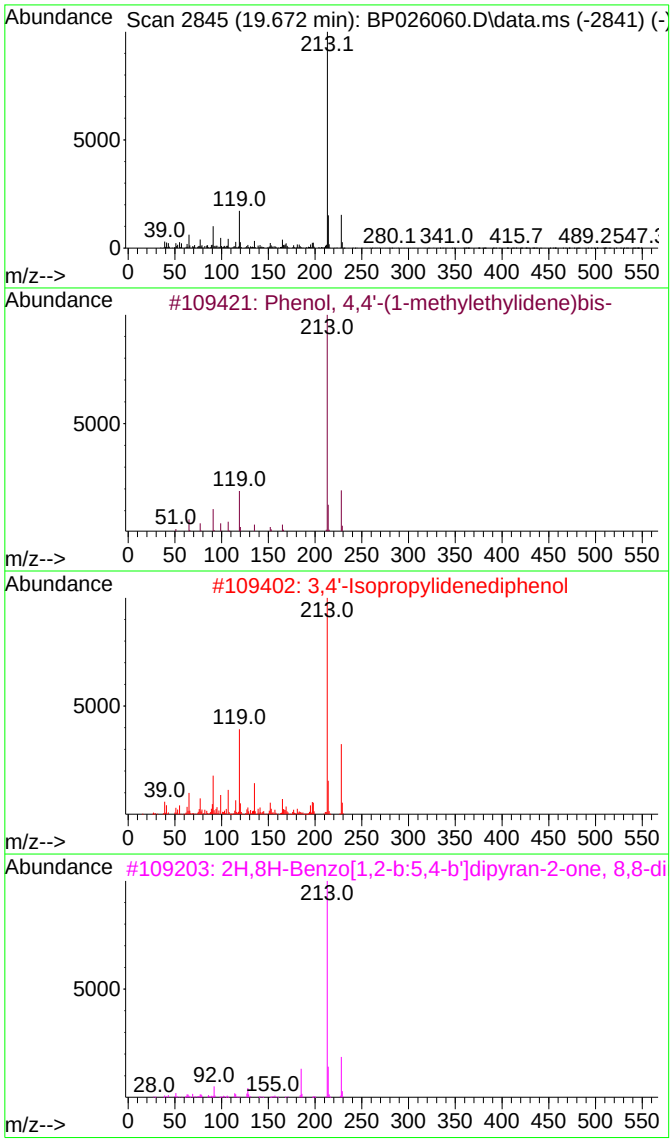
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

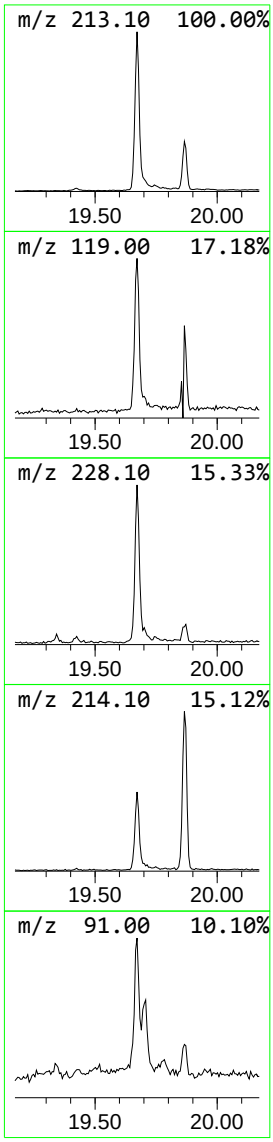
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.672	2.25 ng	534614	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	55
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
4	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

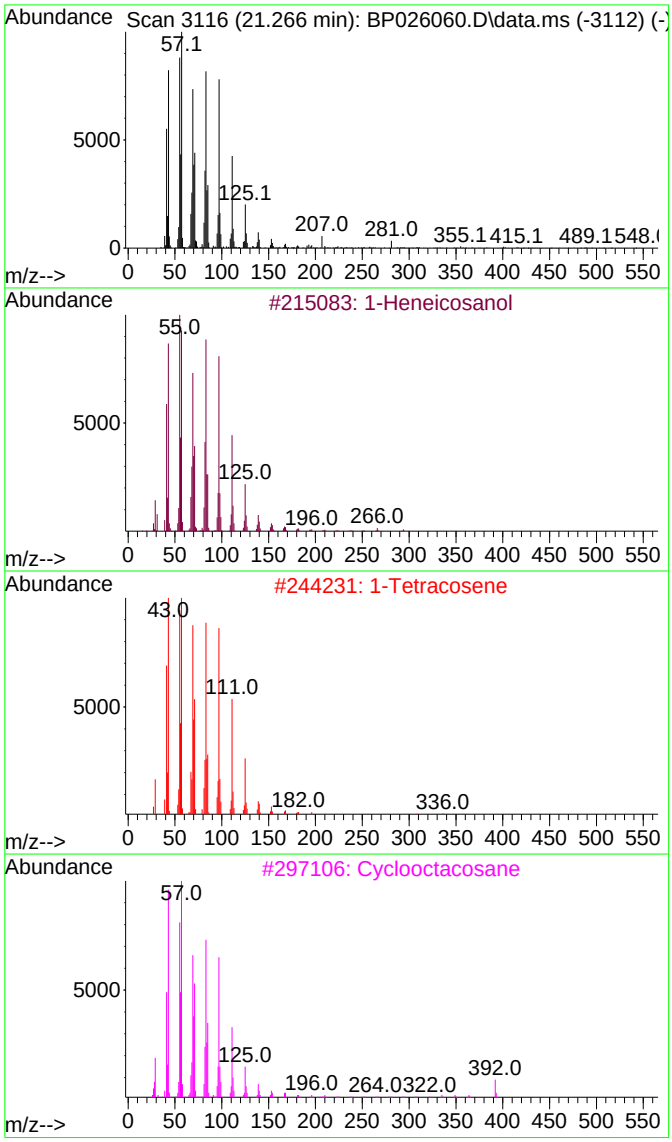
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TIC Integration Parameters: LSCINT.P

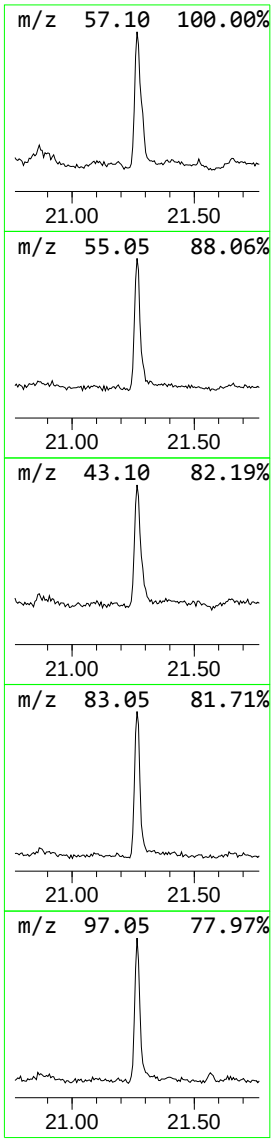
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.266	3.95 ng	937798	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	Cyclooctacosane	392	C28H56	000297-24-5	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026060.D
Acq On : 03 Nov 2025 16:13
Operator : RC/JU
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.707	7.3	ng	1269070	3	14.325	3460400	20.0
n-Hexadecanoic ...	18.089	14.6	ng	2968680	4	17.125	4076610	20.0
Octadecanoic acid	19.419	5.0	ng	1188420	5	21.572	4753420	20.0
Phenol, 4,4'-(1...	19.672	2.3	ng	534614	5	21.572	4753420	20.0
1-Heneicosanol	21.266	4.0	ng	937798	5	21.572	4753420	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

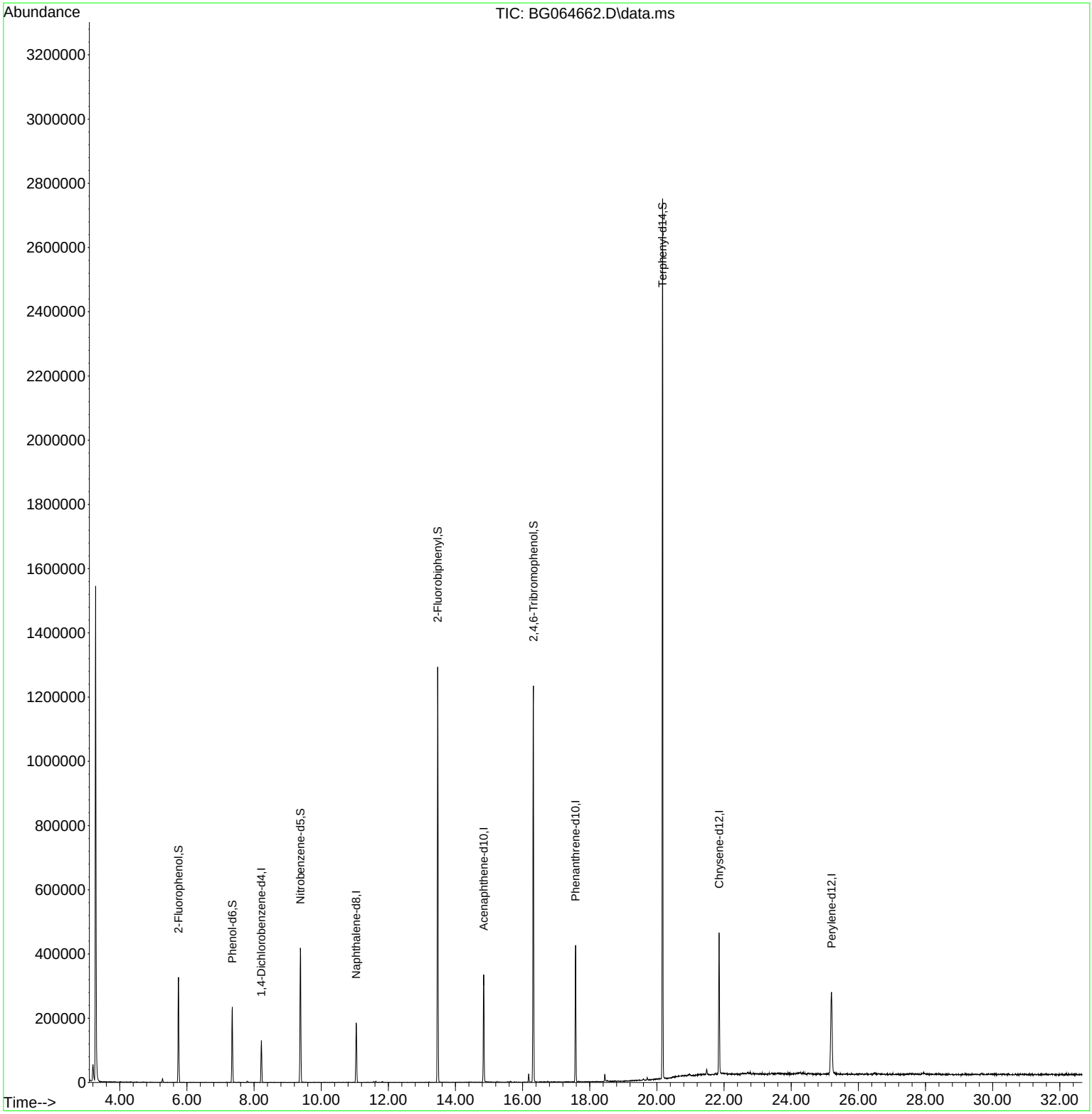
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	37784	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	154992	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121331	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	273070	20.000	ng	0.00
76) Chrysene-d12	21.849	240	293377	20.000	ng	-0.01
86) Perylene-d12	25.198	264	322218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	133611	59.355	ng	0.00
7) Phenol-d6	7.354	99	126232	40.866	ng	0.00
23) Nitrobenzene-d5	9.381	82	236497	91.647	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	279559	159.641	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	685414	85.626	ng	0.00
79) Terphenyl-d14	20.168	244	1415043	91.024	ng	0.00
Target Compounds						Qvalue

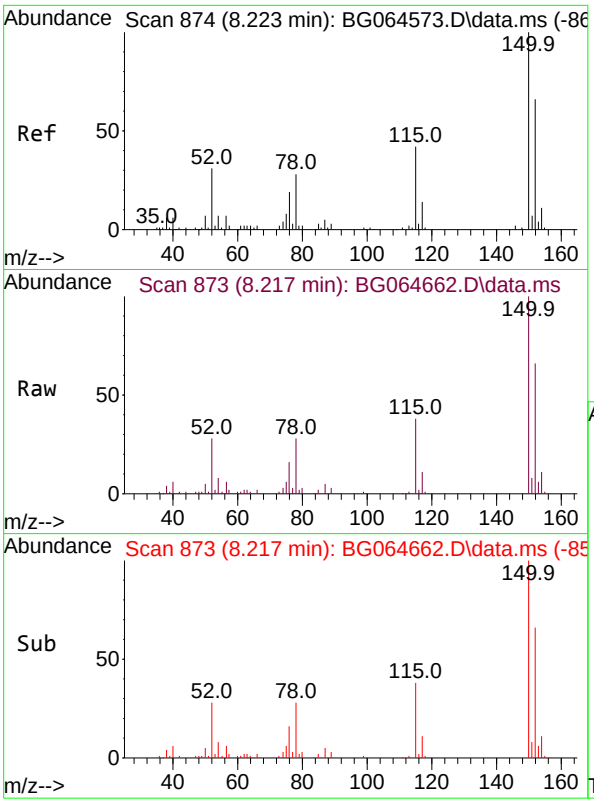
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Time: Oct 31 23:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



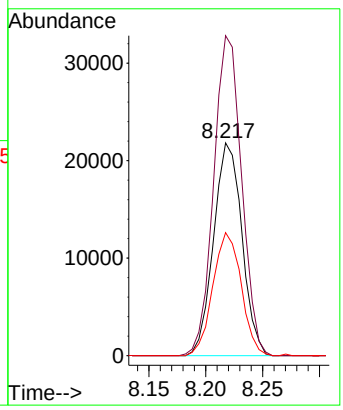


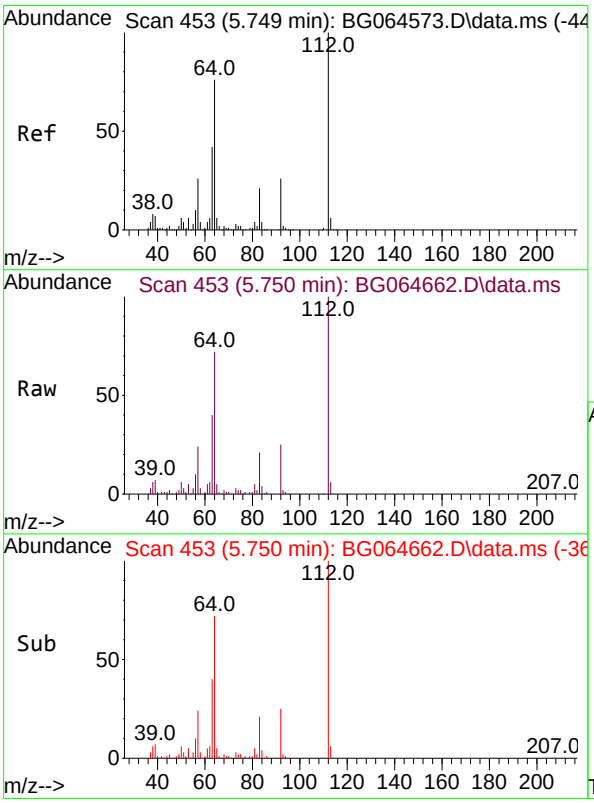
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:152 Resp: 37784

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.4
115	57.8	50.8	76.2

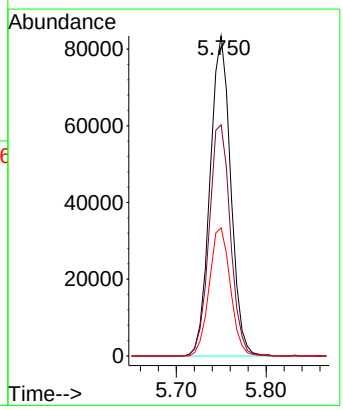


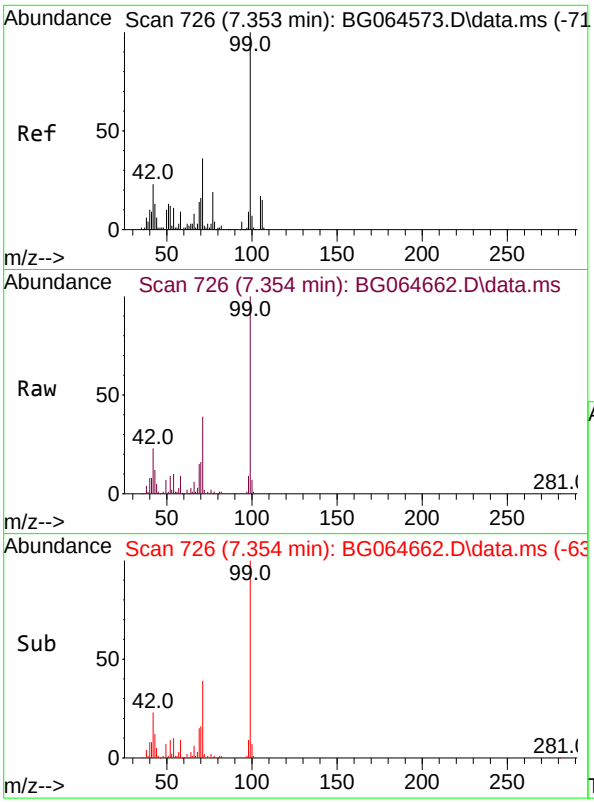


#5
2-Fluorophenol
Concen: 59.355 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:112 Resp: 133611

Ion	Ratio	Lower	Upper
112	100		
64	72.2	60.7	91.1
63	40.0	33.4	50.0



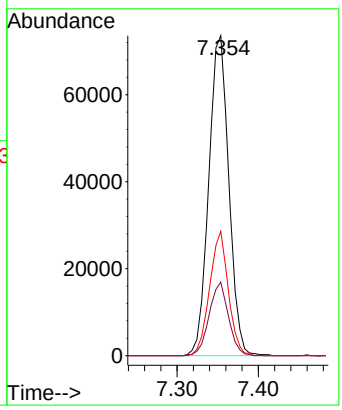


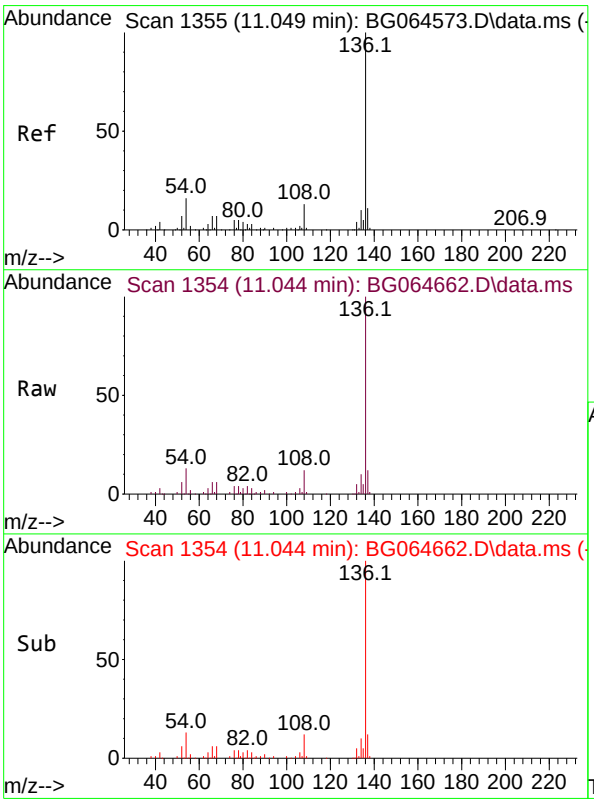
#7
Phenol-d6
Concen: 40.866 ng
RT: 7.354 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion: 99 Resp: 126232

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.3	27.5
71	38.9	28.6	43.0

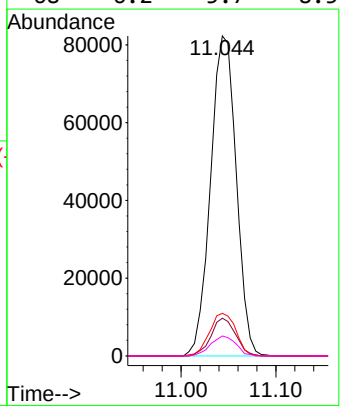


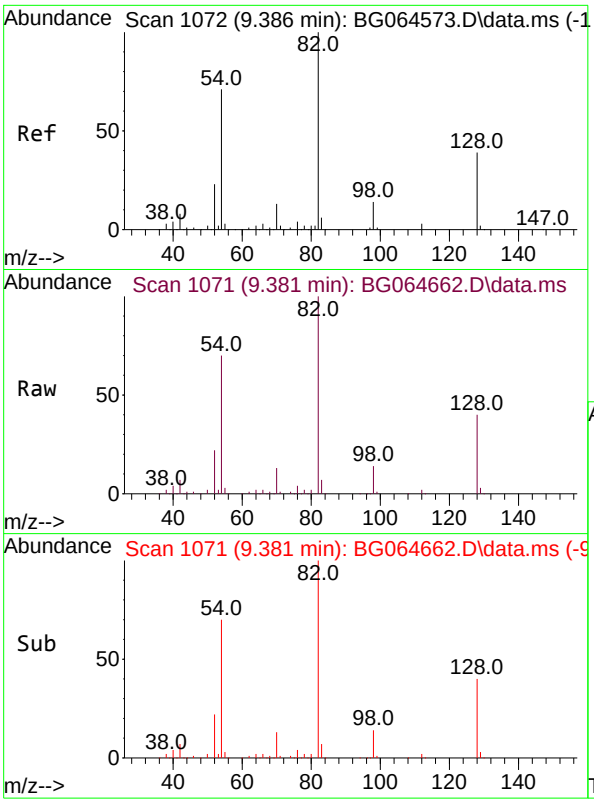


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:136 Resp: 154992

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	13.3	12.6	19.0
68	6.2	5.7	8.5



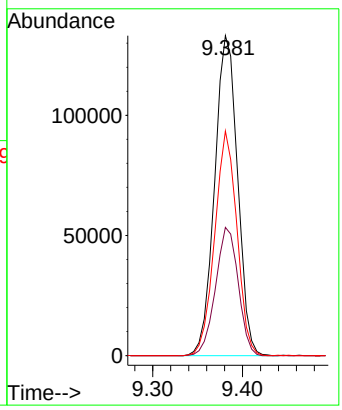


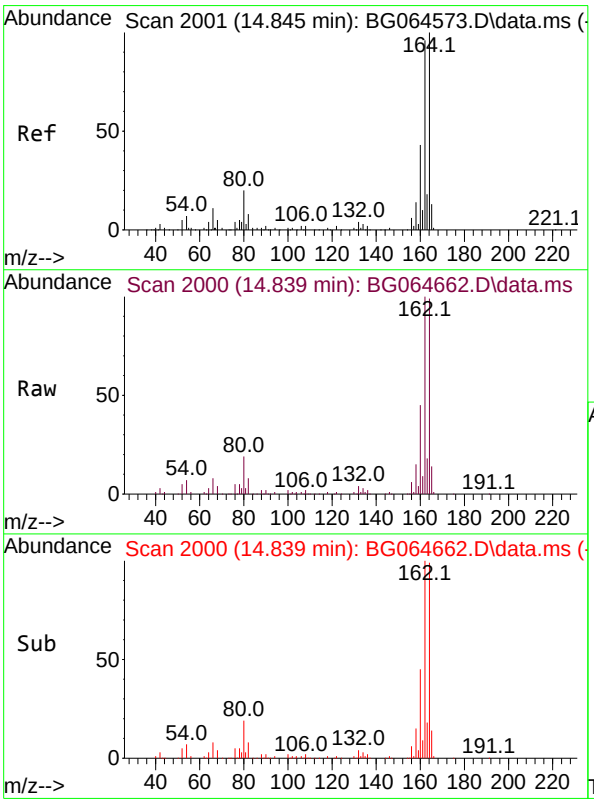
#23
Nitrobenzene-d5
Concen: 91.647 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion: 82 Resp: 236497

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.3	46.9
54	70.2	56.6	84.8

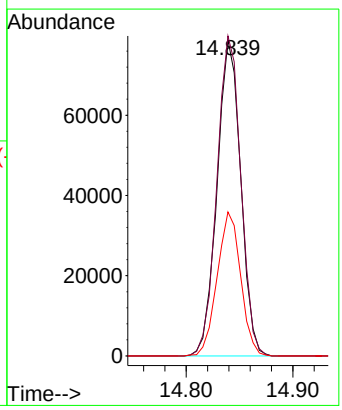


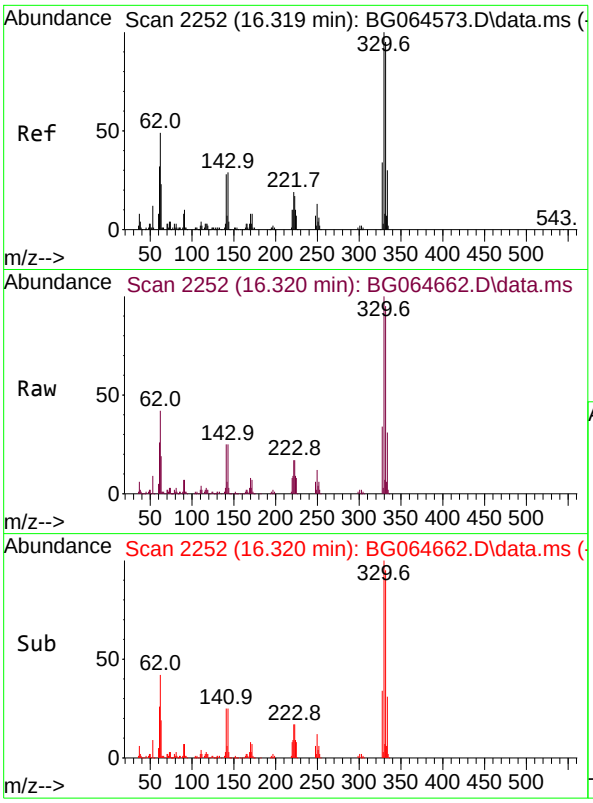


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:164 Resp: 121331

Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.0	115.6
160	45.5	34.4	51.6



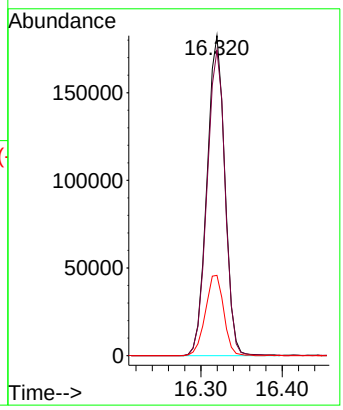


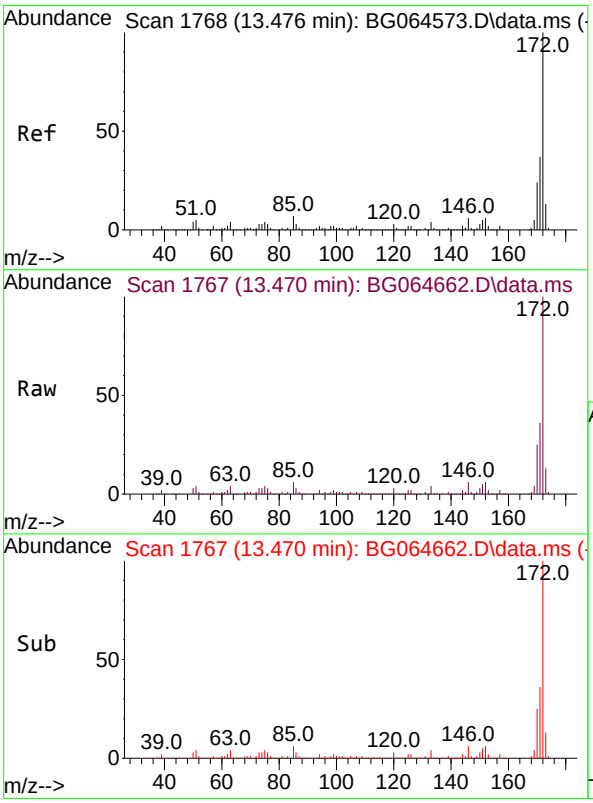
#42
2,4,6-Tribromophenol
Concen: 159.641 ng
RT: 16.320 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:330 Resp: 279559

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	25.8	21.8	32.6

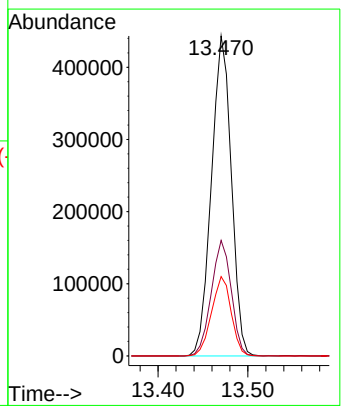


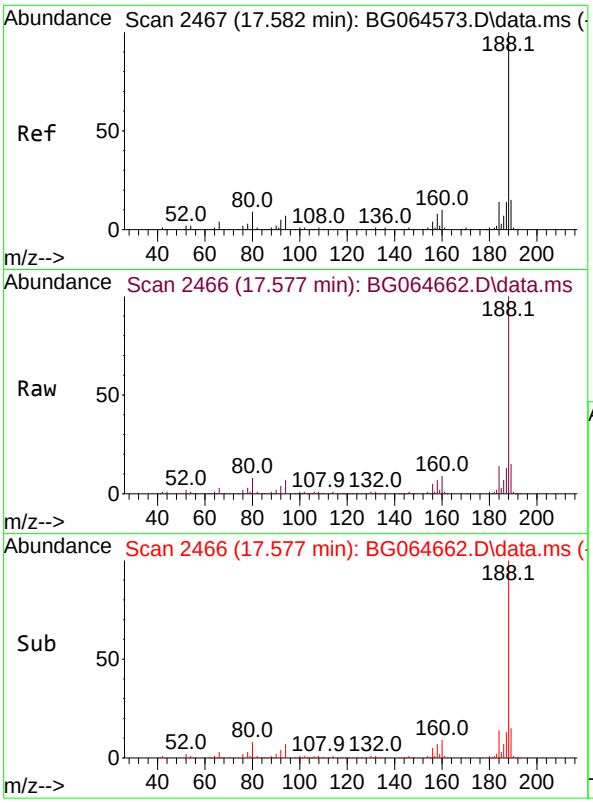


#45
2-Fluorobiphenyl
Concen: 85.626 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:172 Resp: 685414

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.8	19.1	28.7



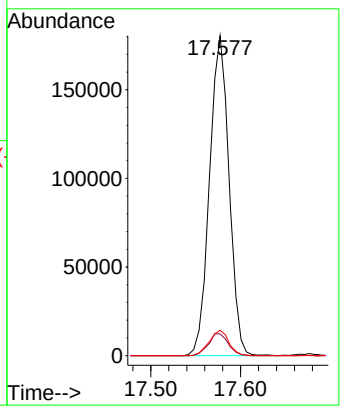


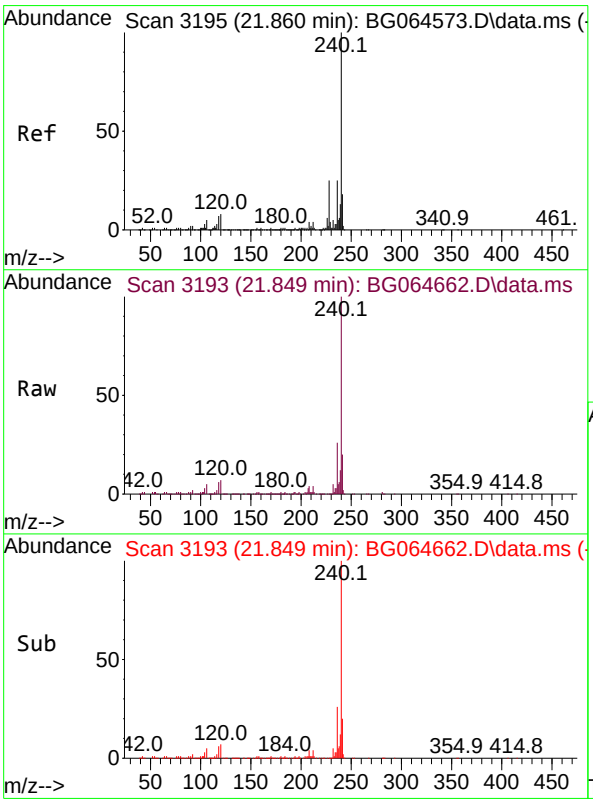
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:188 Resp: 273070

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	7.9	6.8	10.2

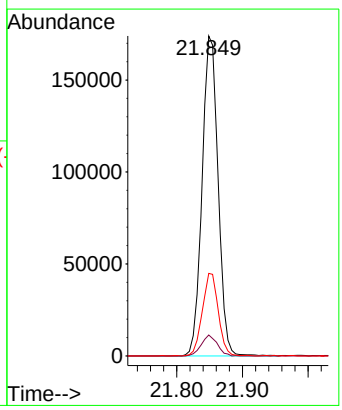


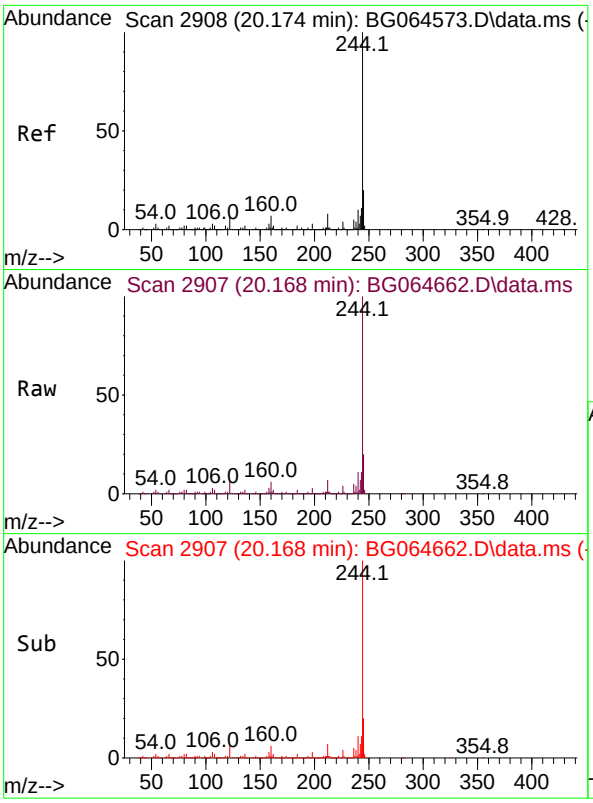


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:240 Resp: 293377

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7
236	25.8	20.2	30.2



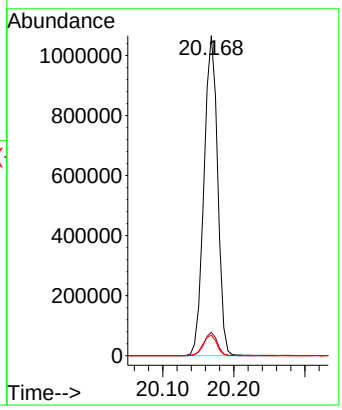


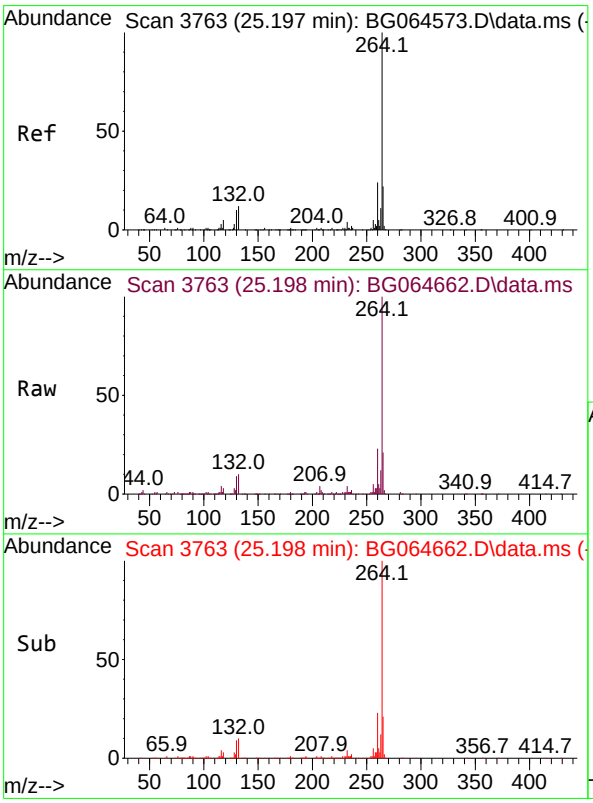
#79
Terphenyl-d14
Concen: 91.024 ng
RT: 20.168 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Tgt Ion:244 Resp: 1415043

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.4	5.6	8.4

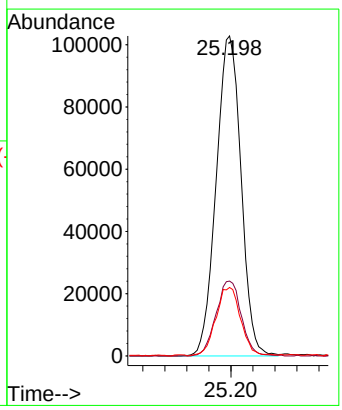




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. -0.003 min
Lab File: BG064662.D
Acq: 31 Oct 2025 18:57

Tgt Ion:264 Resp: 322218

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.4	17.6	26.4



Sample Results: **BG064662.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.206	13	20	27	rBV	50516	107090	2.98%	0.713%
2	3.282	27	33	53	rVB	1543683	2394255	66.53%	15.949%
3	5.750	446	453	464	rBV	327368	535520	14.88%	3.567%
4	7.354	718	726	736	rBV	234453	399311	11.10%	2.660%
5	8.217	865	873	880	rBV	130781	221872	6.17%	1.478%
6	9.381	1063	1071	1080	rBV	418437	743213	20.65%	4.951%
7	11.044	1347	1354	1362	rBV	185567	341306	9.48%	2.274%
8	13.470	1760	1767	1775	rBV	1293761	1993677	55.40%	13.280%
9	14.839	1992	2000	2010	rBV	335312	525606	14.61%	3.501%
10	16.179	2224	2228	2235	rBV	25075	36768	1.02%	0.245%
11	16.320	2244	2252	2265	rBV	1234503	1919480	53.34%	12.786%
12	17.577	2459	2466	2473	rBV2	425553	644118	17.90%	4.291%
13	20.168	2900	2907	2914	rBV	2740835	3598697	100.00%	23.972%
14	21.849	3187	3193	3201	rBV	439962	744298	20.68%	4.958%
15	25.198	3751	3763	3776	rBV	256277	807040	22.43%	5.376%

Sum of corrected areas: 15012251

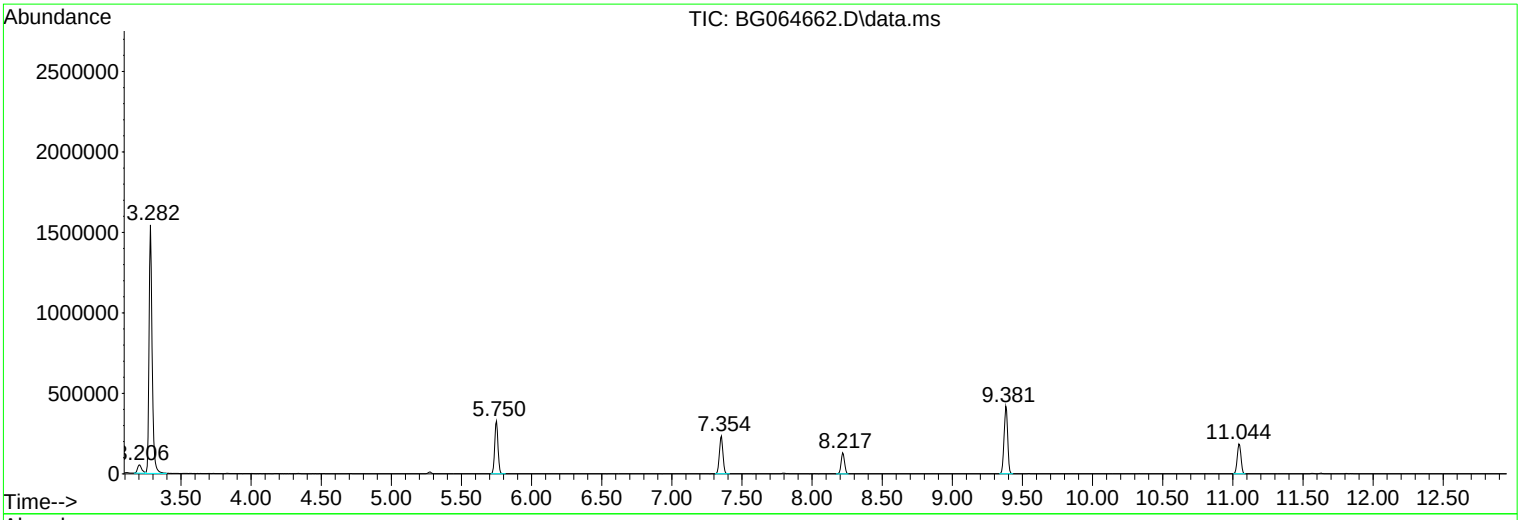
Sample Results: **BG064662.D**

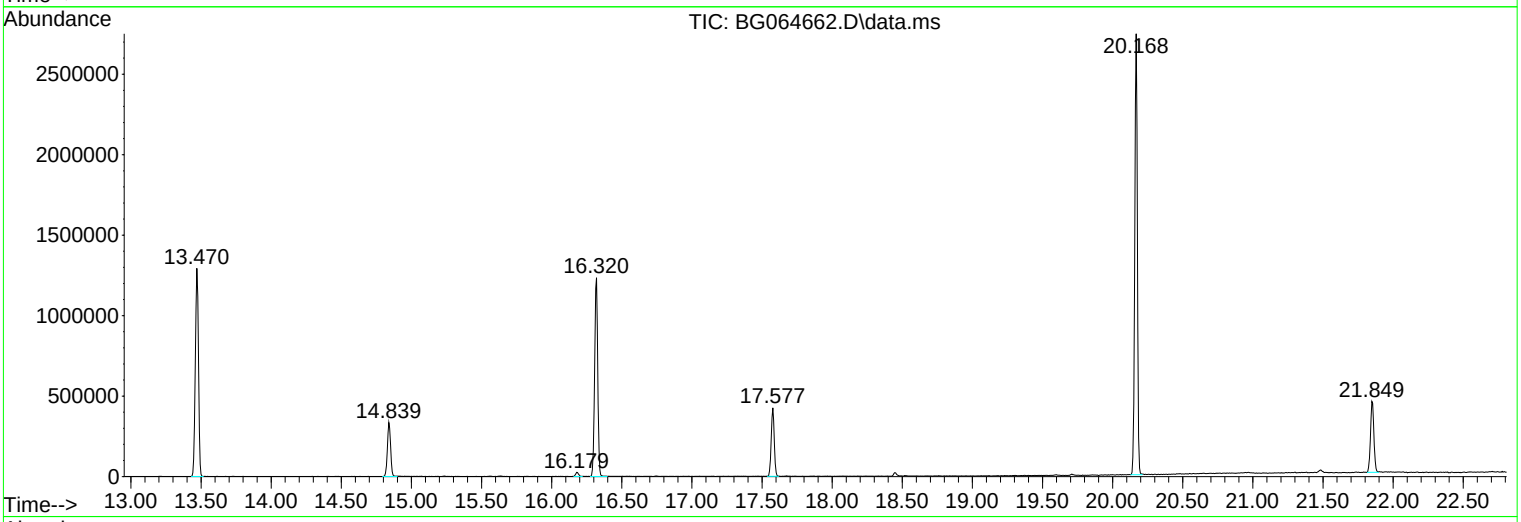
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

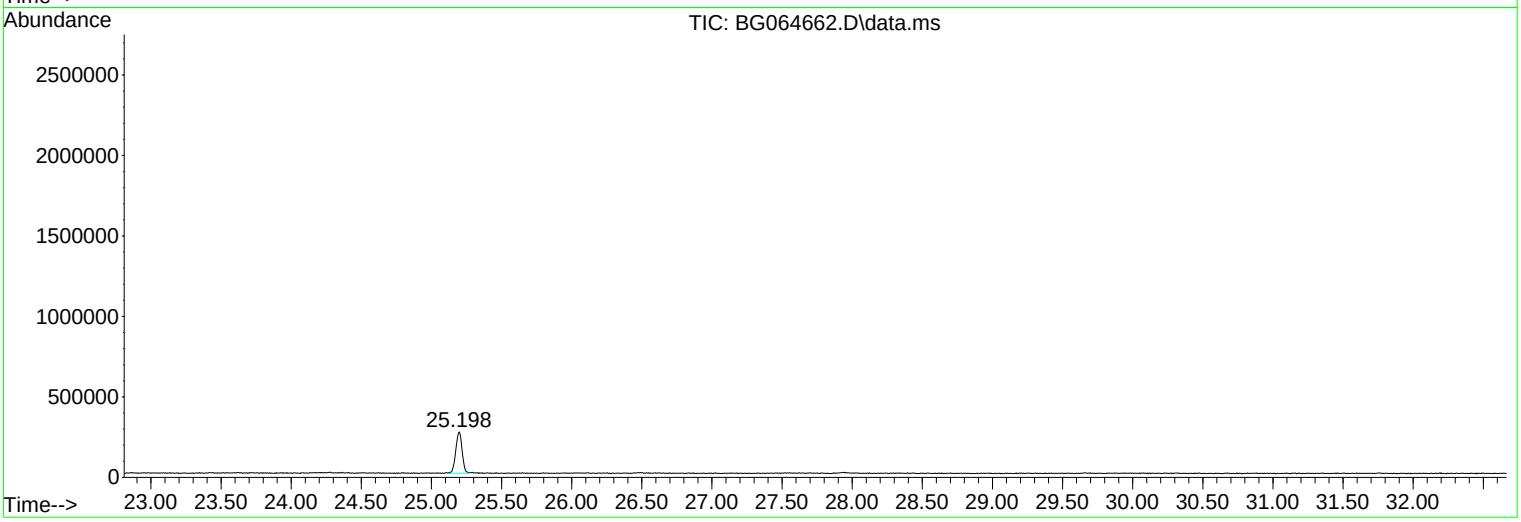
Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064662.D
Acq On : 31 Oct 2025 18:57
Operator : RC/JU
Sample : Q3495-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1025-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

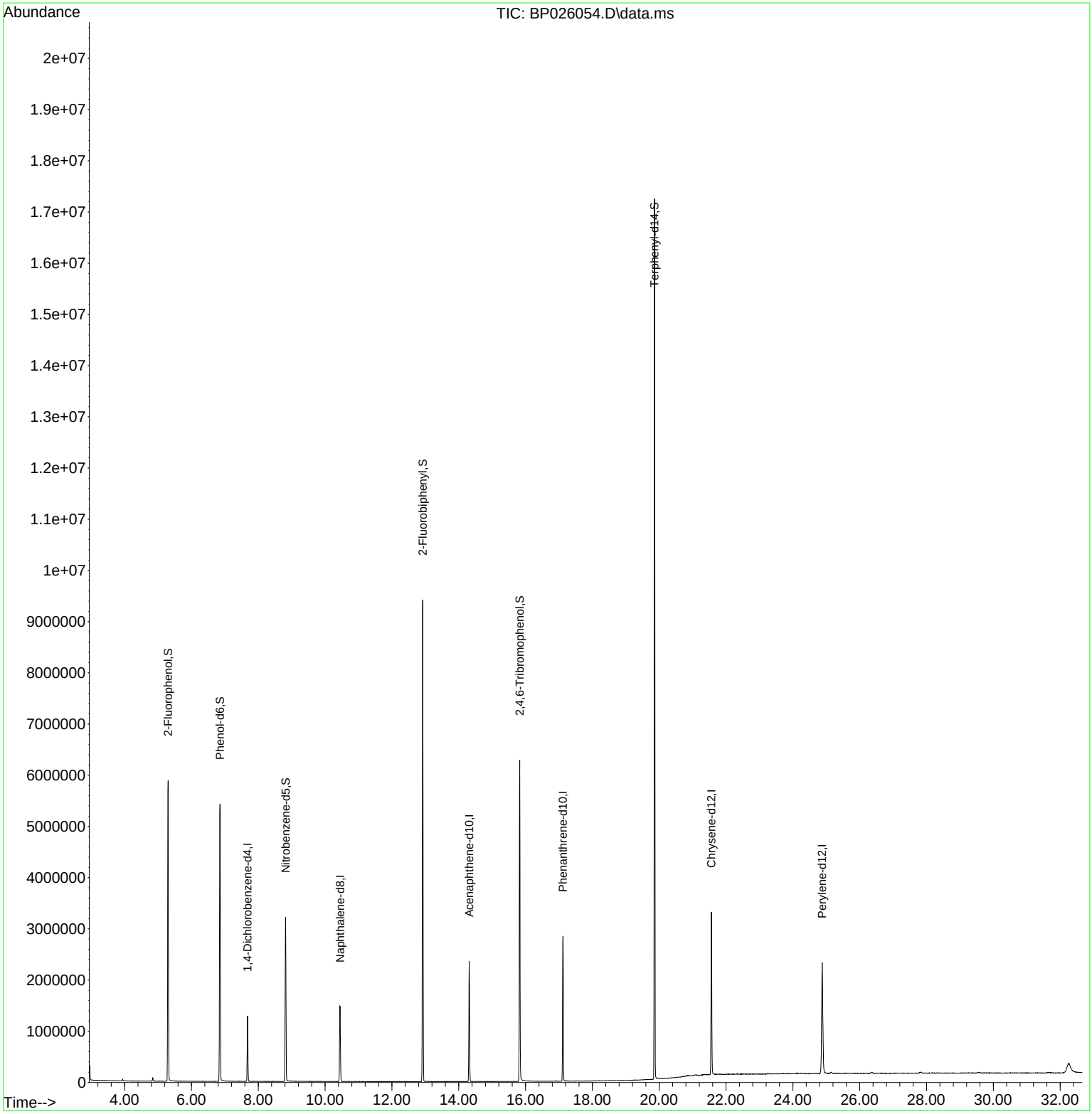
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	336600	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1298621	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	793578	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1683386	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1852671	20.000	ng	0.00
86) Perylene-d12	24.877	264	2010353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2600508	127.483	ng	0.00
7) Phenol-d6	6.855	99	3164552	121.884	ng	0.00
23) Nitrobenzene-d5	8.819	82	1791159	85.984	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1090809	127.143	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4577987	82.893	ng	0.00
79) Terphenyl-d14	19.860	244	7774571	85.258	ng	0.00
Target Compounds						Qvalue

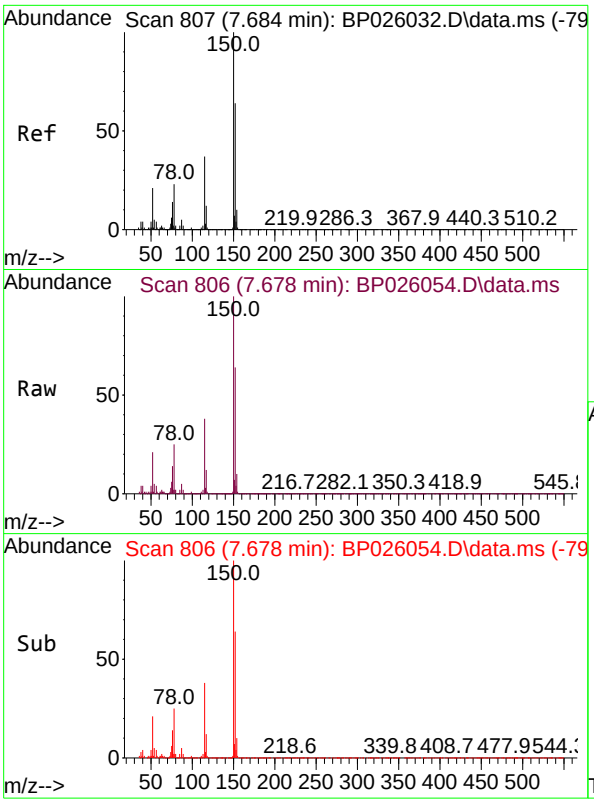
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



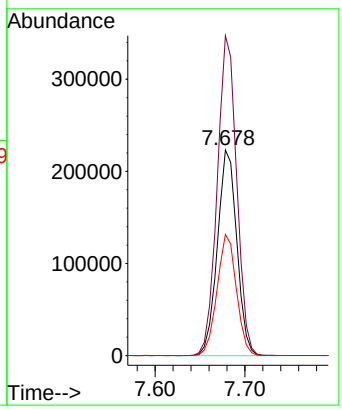


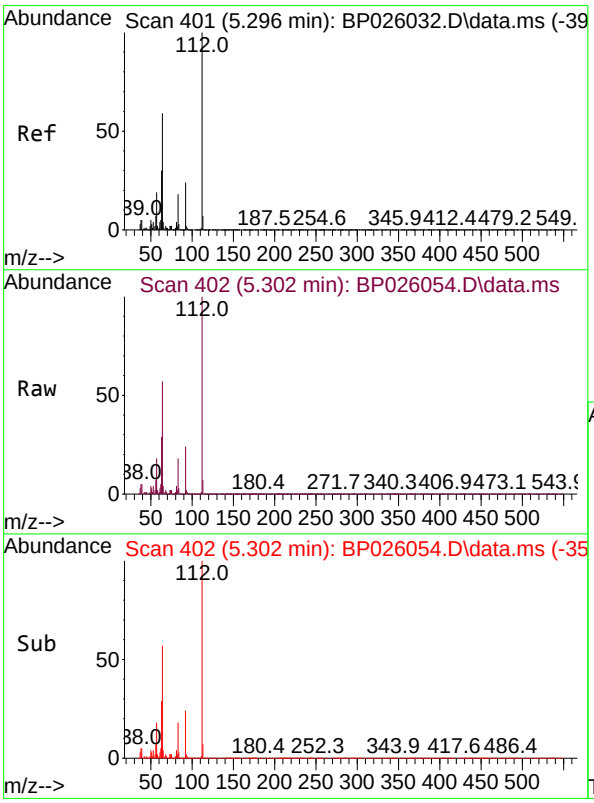
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:152 Resp: 336600

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.9	46.4	69.6

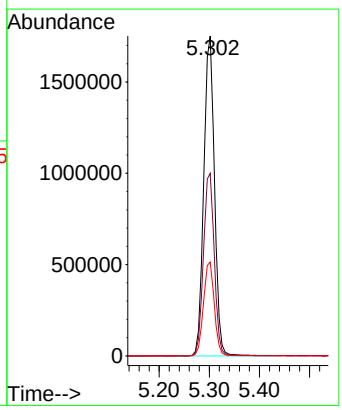


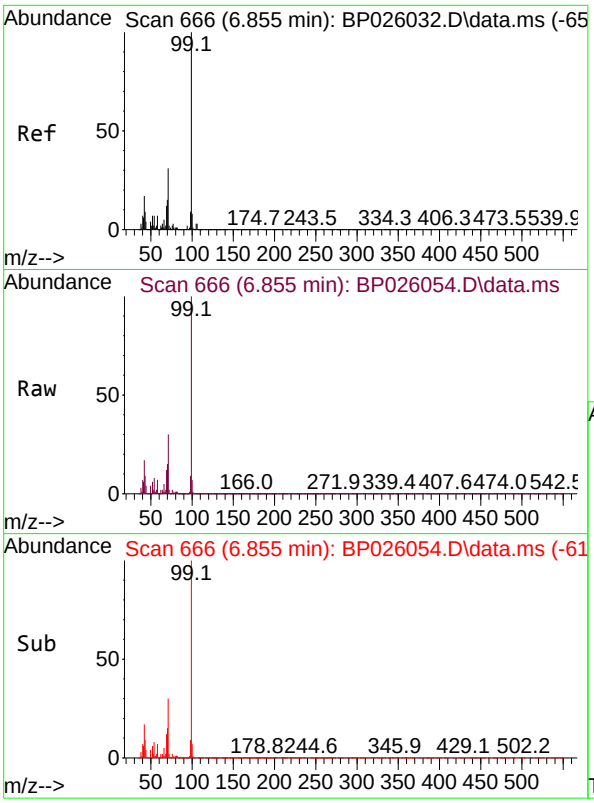


#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:112 Resp: 2600508

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	29.3	24.2	36.4



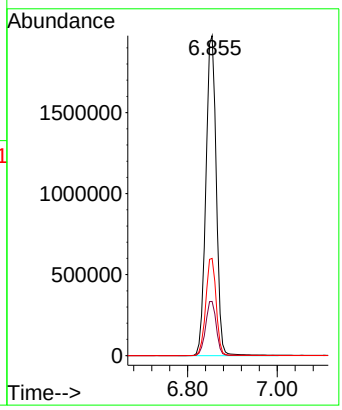


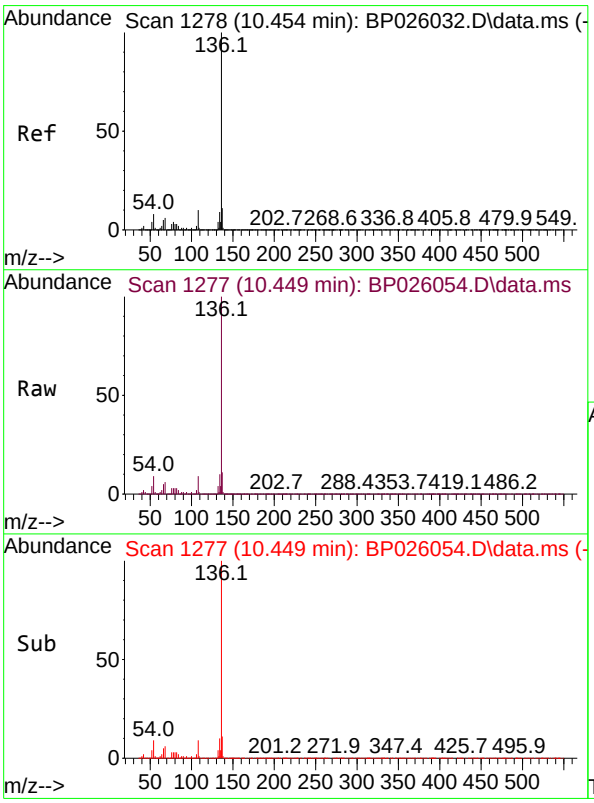
#7
Phenol-d6
Concen: 121.884 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 99 Resp: 3164552

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	30.4	24.4	36.6

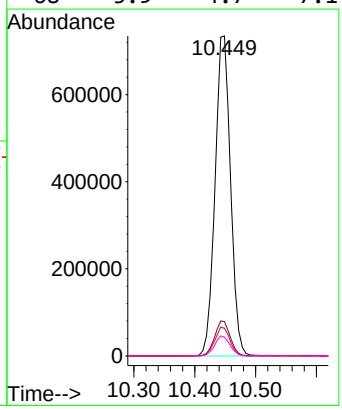


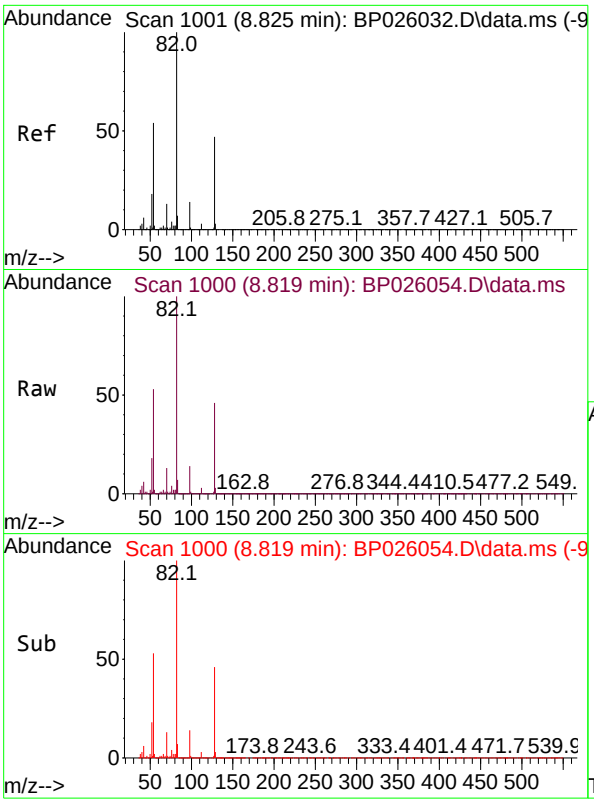


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:136 Resp: 1298621

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.6	6.6	10.0
68	5.9	4.7	7.1



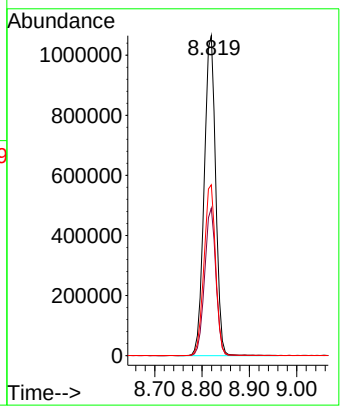


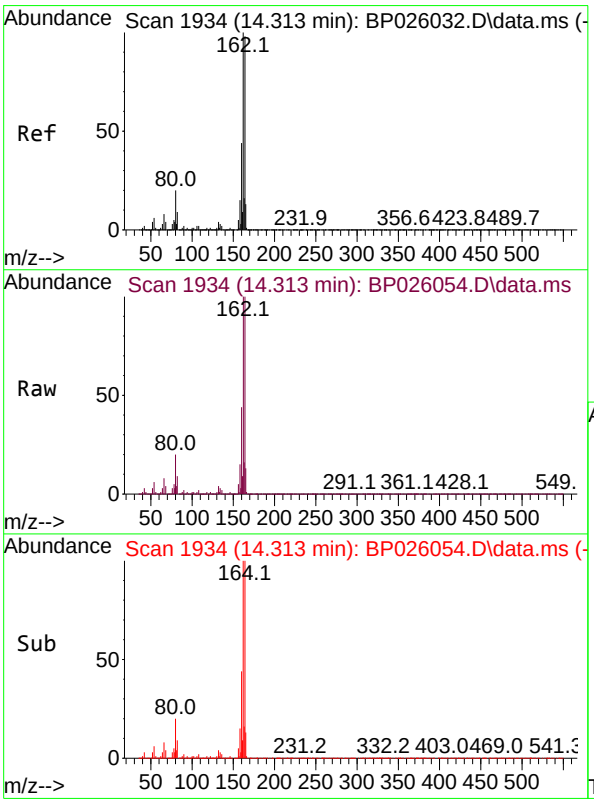
#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 82 Resp: 1791159

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.0
54	53.4	42.7	64.1

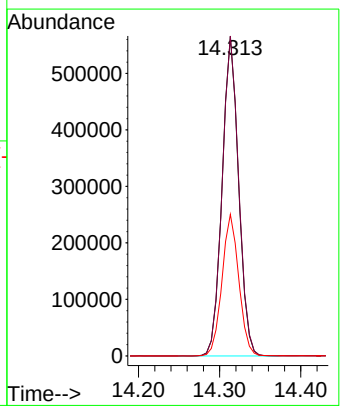


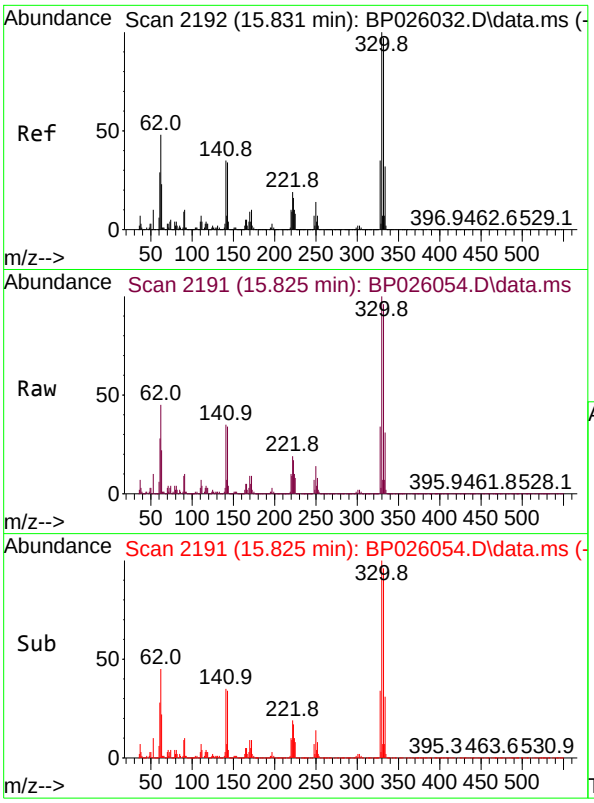


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:164 Resp: 793578

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	44.3	36.2	54.4



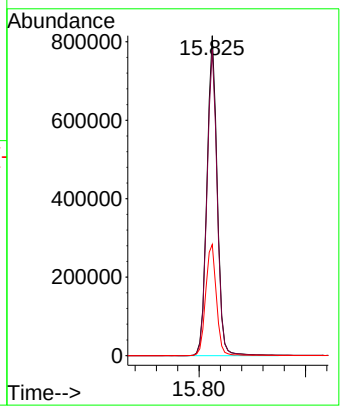


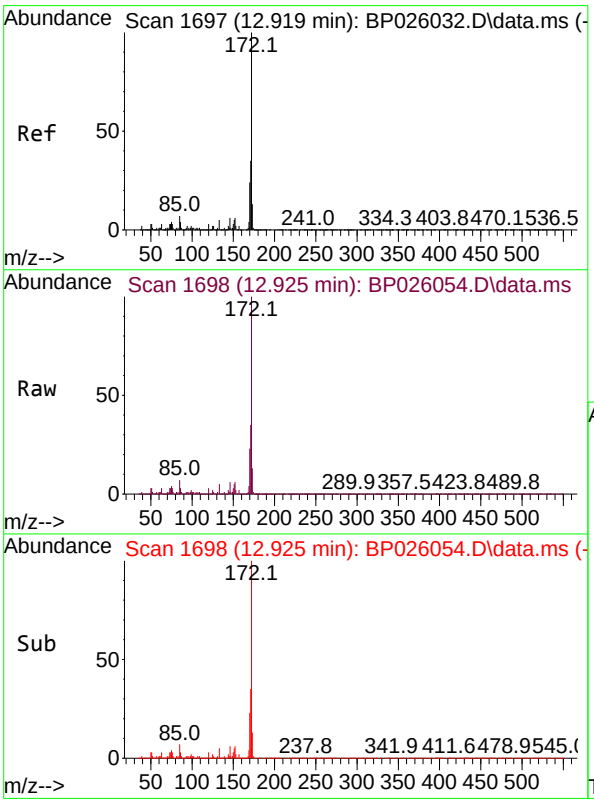
#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 15.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:330 Resp: 1090809

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.5	28.6	42.8

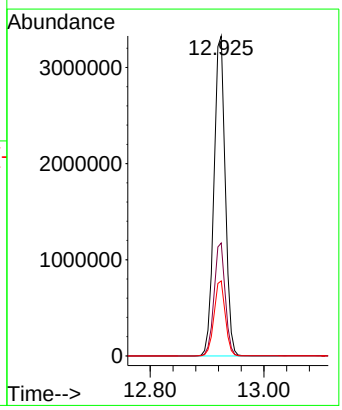


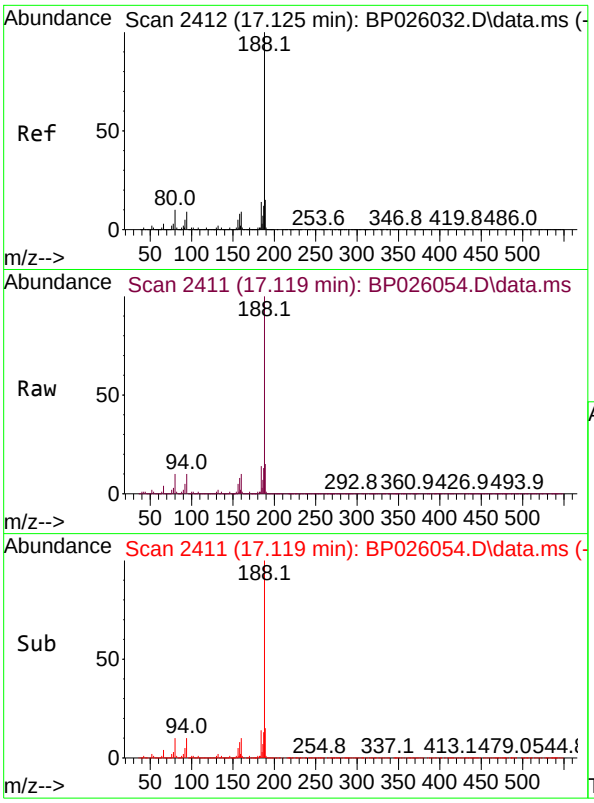


#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:172 Resp: 4577987

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.4	19.0	28.4



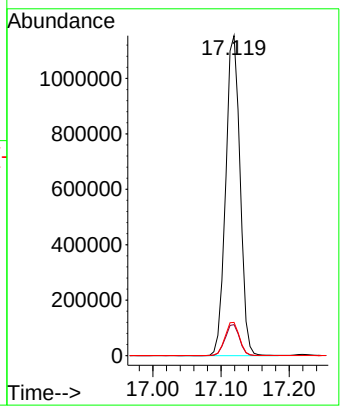


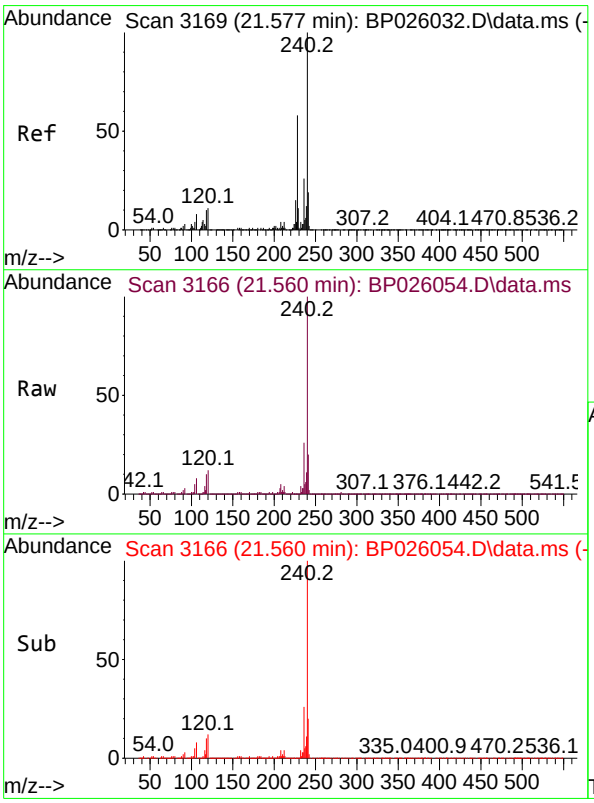
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:188 Resp: 1683386

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	10.4	7.9	11.9

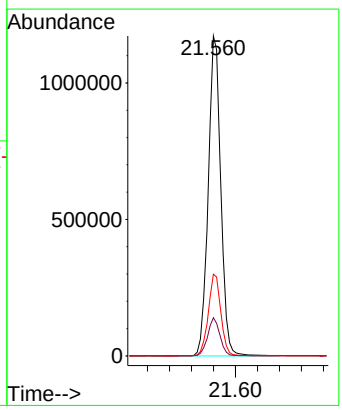


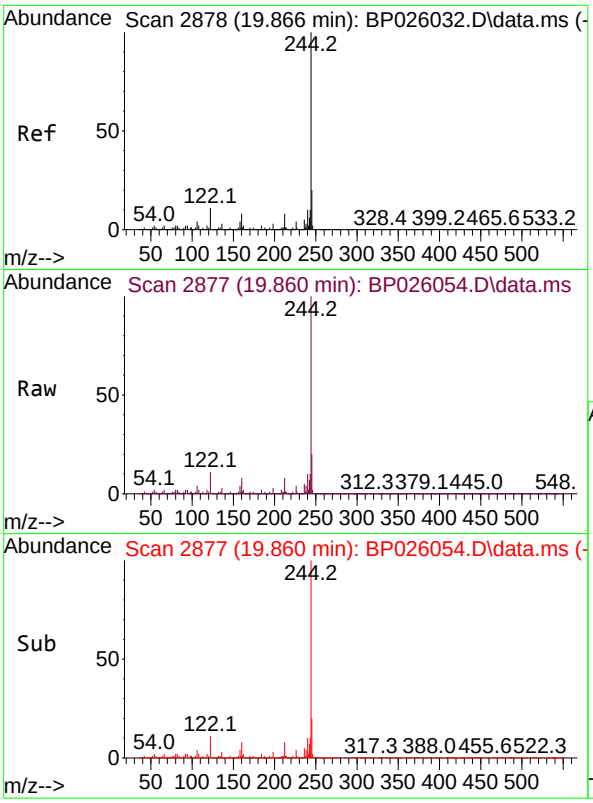


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:240 Resp: 1852671

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.5	20.6	31.0



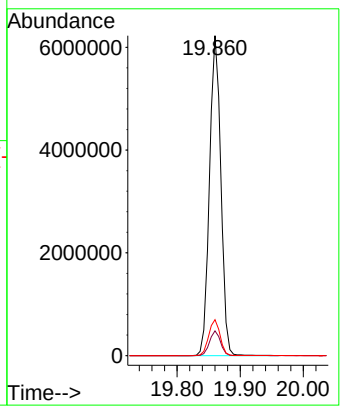


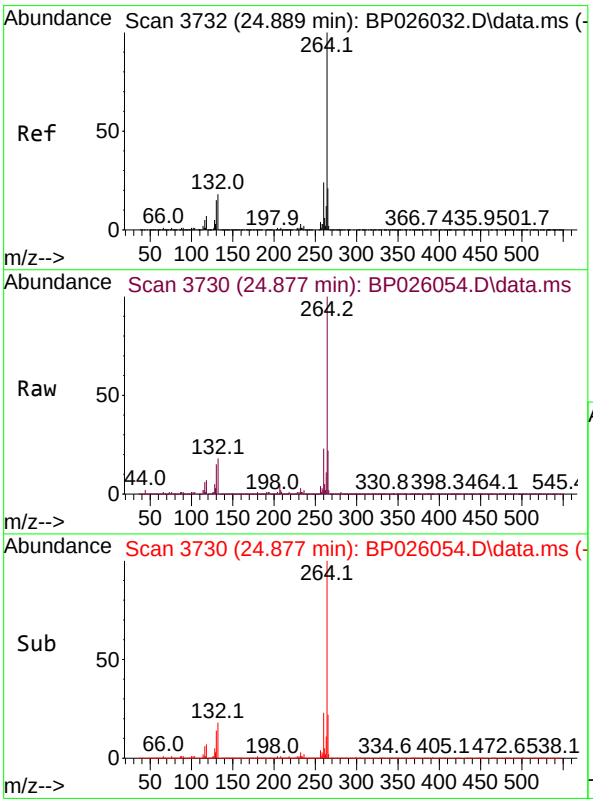
#79
Terphenyl-d14
Concen: 85.258 ng
RT: 19.860 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:244 Resp: 7774571

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.2	9.0	13.6

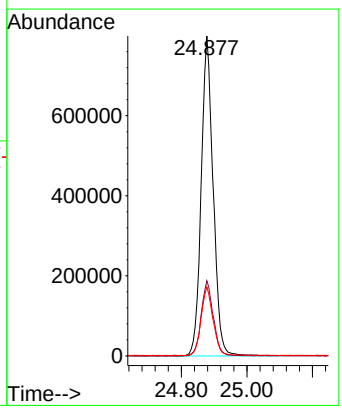




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:264 Resp: 2010353

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.2	25.8



Sample Results: **BP026054.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.302	395	402	416	rBV	5873931	8805803	41.28%	9.911%
2	6.855	657	666	691	rBV	5422804	8818785	41.35%	9.926%
3	7.678	797	806	815	rBV	1280569	1938090	9.09%	2.181%
4	8.819	991	1000	1020	rBV	3206875	5501607	25.79%	6.192%
5	10.443	1266	1276	1290	rBV	1473010	2616131	12.27%	2.944%
6	12.925	1690	1698	1709	rBV	9410615	13075333	61.30%	14.716%
7	14.313	1926	1934	1942	rBV	2345476	3351110	15.71%	3.772%
8	15.825	2182	2191	2214	rBV	6278239	8869062	41.58%	9.982%
9	17.119	2404	2411	2422	rBV2	2834333	4163681	19.52%	4.686%
10	19.860	2871	2877	2892	rBV	17194756	21329650	100.00%	24.006%
11	21.560	3160	3166	3178	rBV	3170711	5010735	23.49%	5.640%
12	24.877	3720	3730	3743	rBV	2162523	5369770	25.18%	6.044%

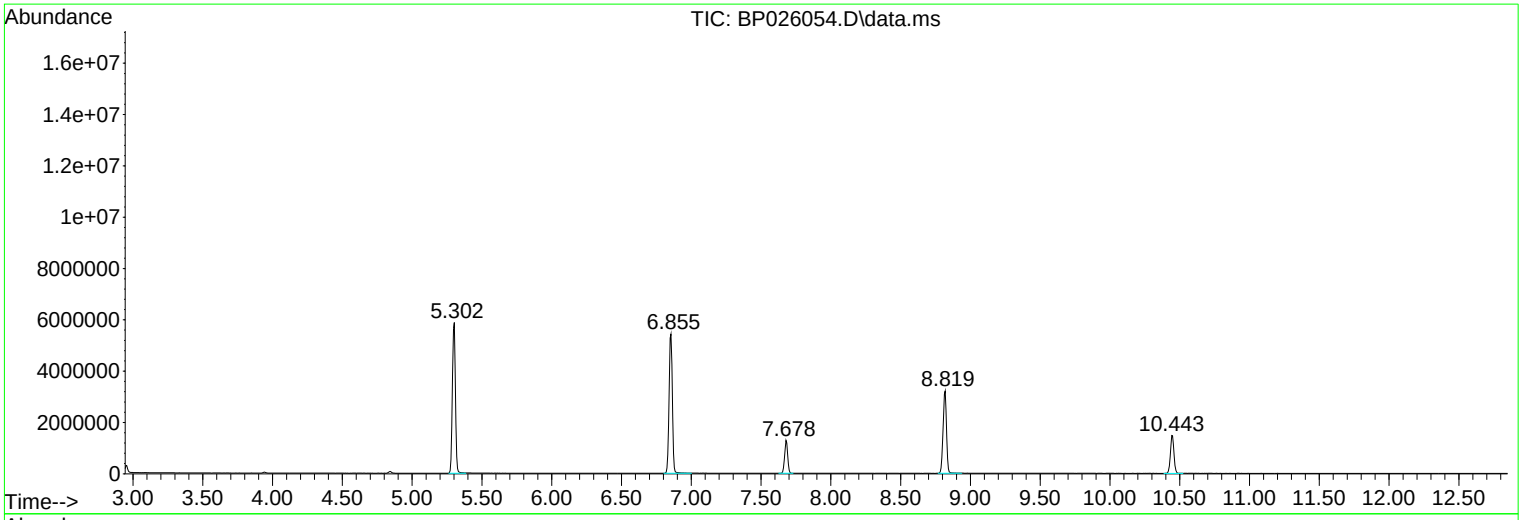
Sum of corrected areas: 88849757

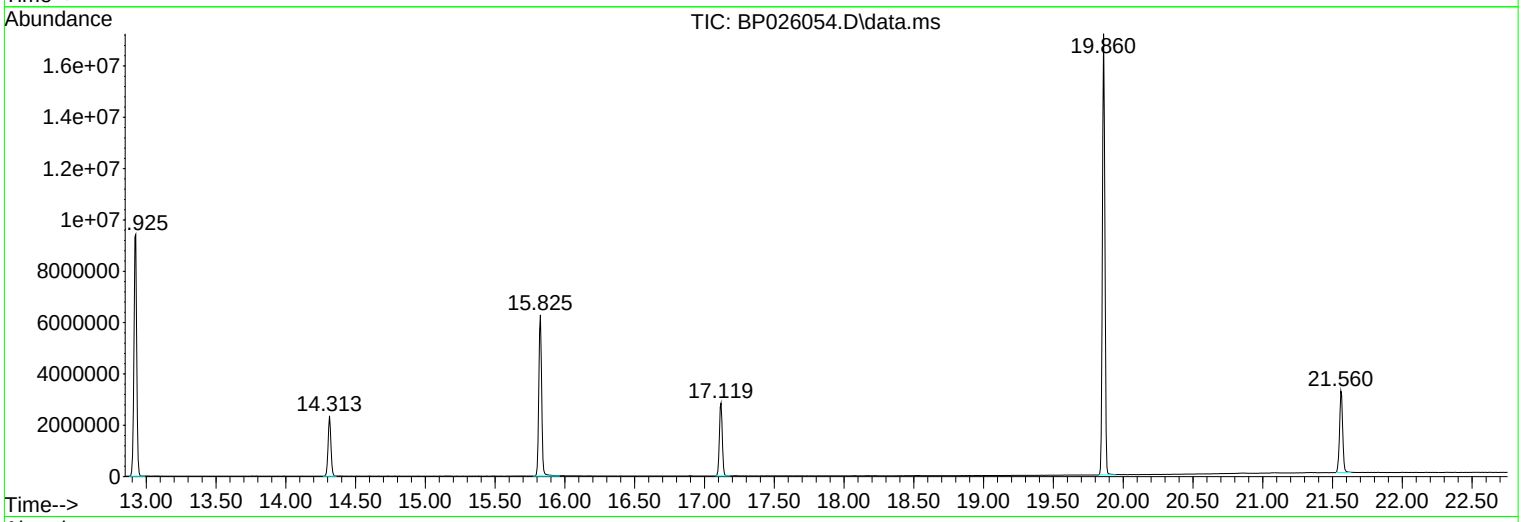
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

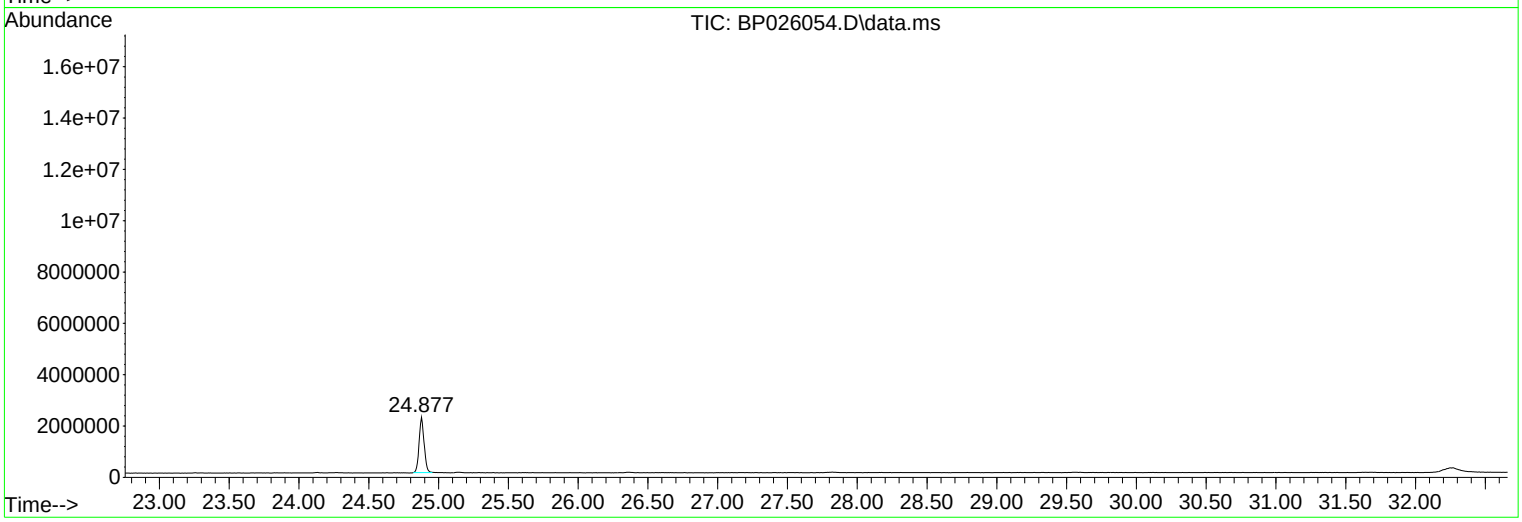
Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

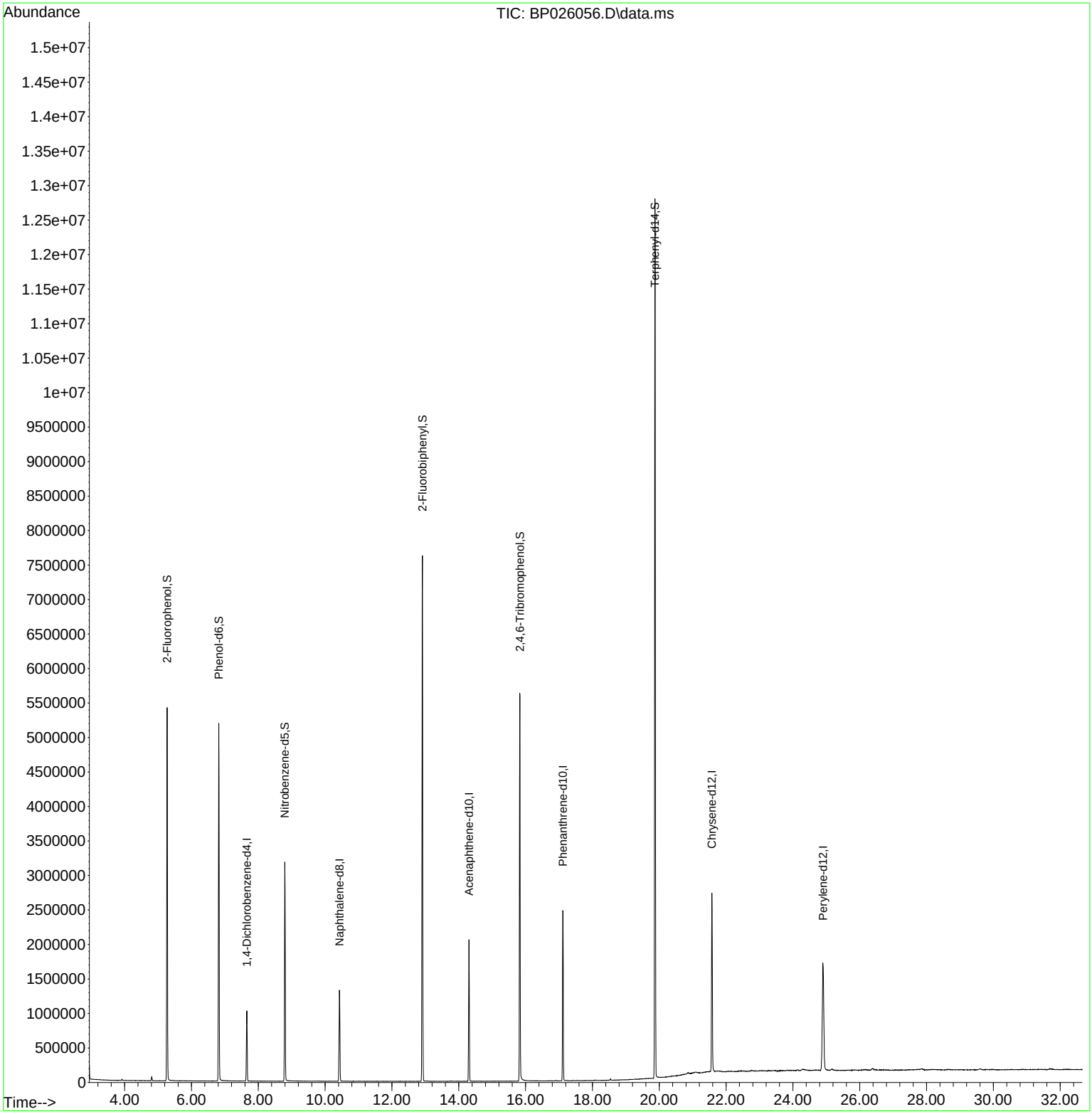
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	300167	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	1149841	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	696390	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1482446	20.000	ng	-0.01
76) Chrysene-d12	21.577	240	1619683	20.000	ng	0.01
86) Perylene-d12	24.900	264	1773681	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	2326638	127.901	ng	-0.02
7) Phenol-d6	6.819	99	2823741	121.958	ng	-0.04
23) Nitrobenzene-d5	8.795	82	1584105	85.884	ng	-0.03
42) 2,4,6-Tribromophenol	15.830	330	974368	129.421	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4022471	82.999	ng	-0.02
79) Terphenyl-d14	19.871	244	6941237	87.069	ng	0.00
Target Compounds						Qvalue

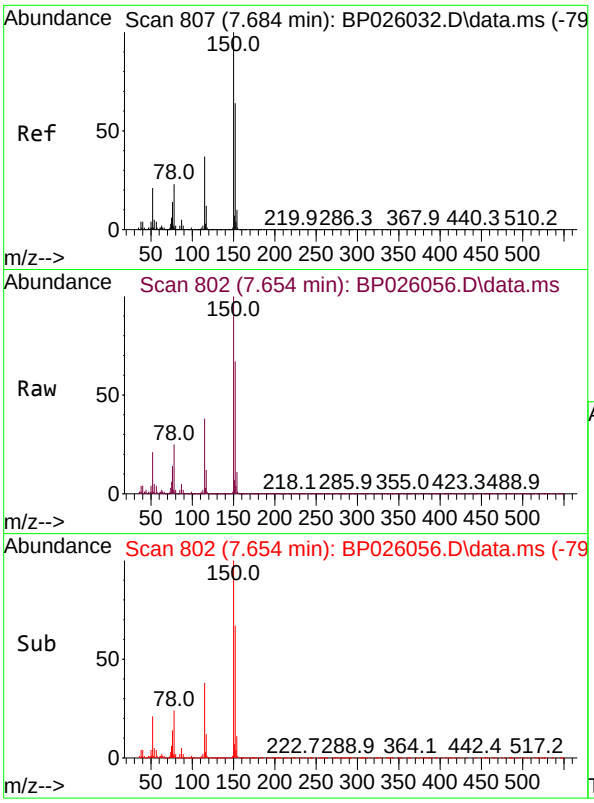
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Time: Nov 03 13:42:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



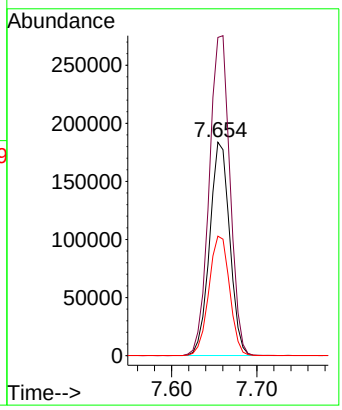


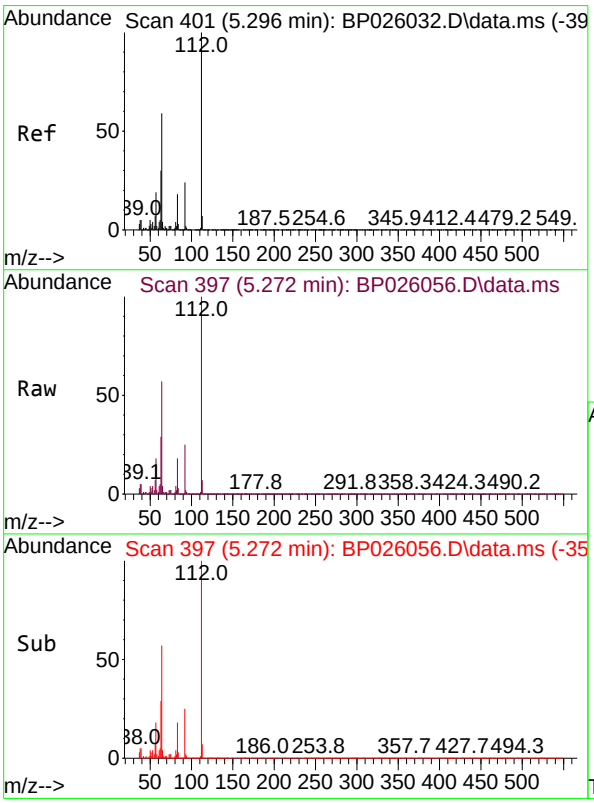
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.036 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:152 Resp: 300167

Ion	Ratio	Lower	Upper
152	100		
150	149.1	125.7	188.5
115	56.0	46.4	69.6

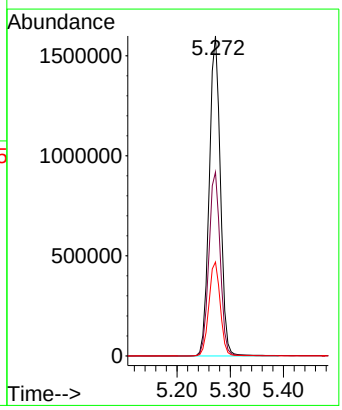


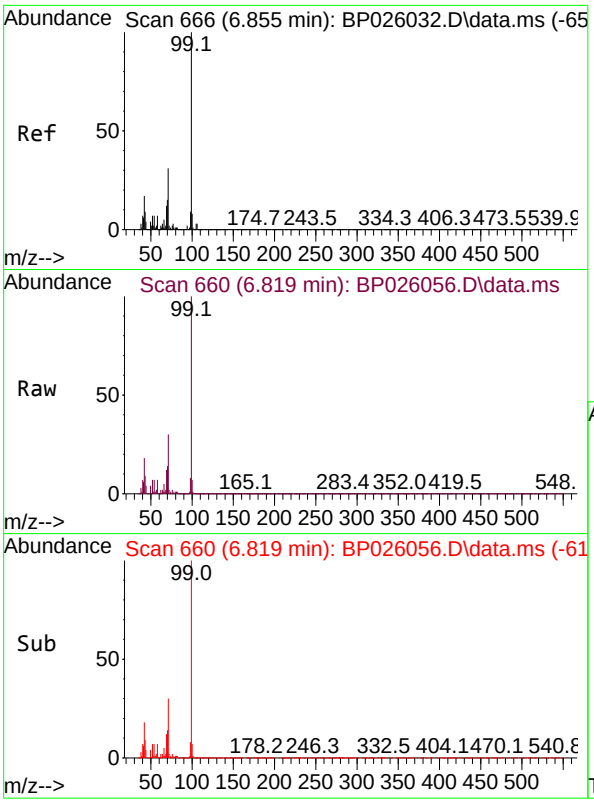


#5
2-Fluorophenol
Concen: 127.901 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.024 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:112 Resp: 2326638

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	29.3	24.2	36.4



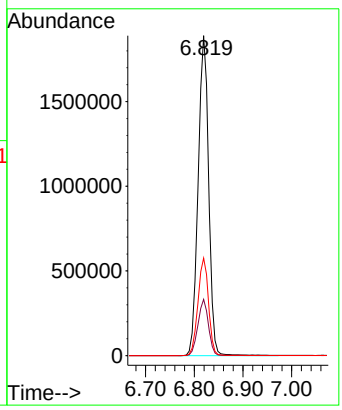


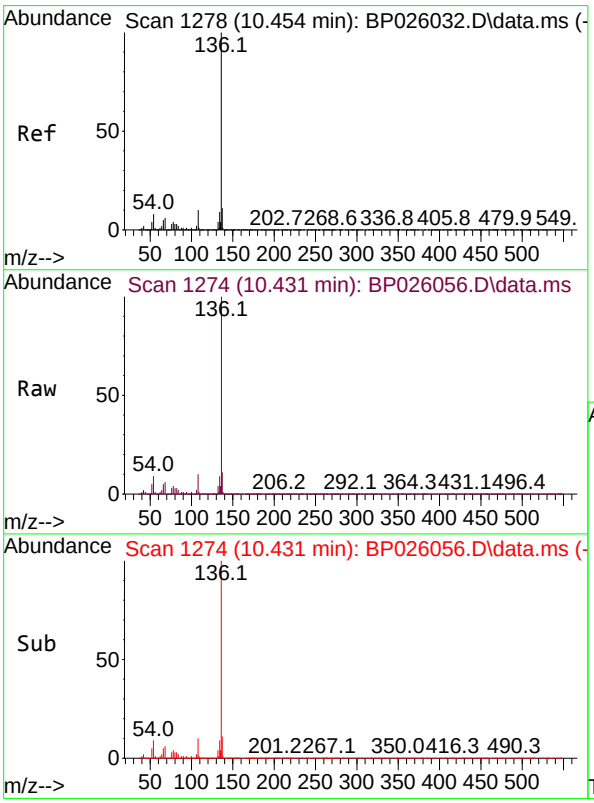
#7
Phenol-d6
Concen: 121.958 ng
RT: 6.819 min Scan# 66
Delta R.T. -0.035 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 99 Resp: 2823741

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	30.5	24.4	36.6

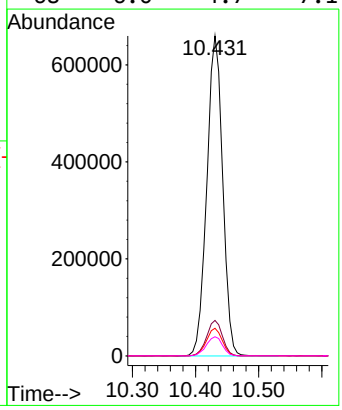


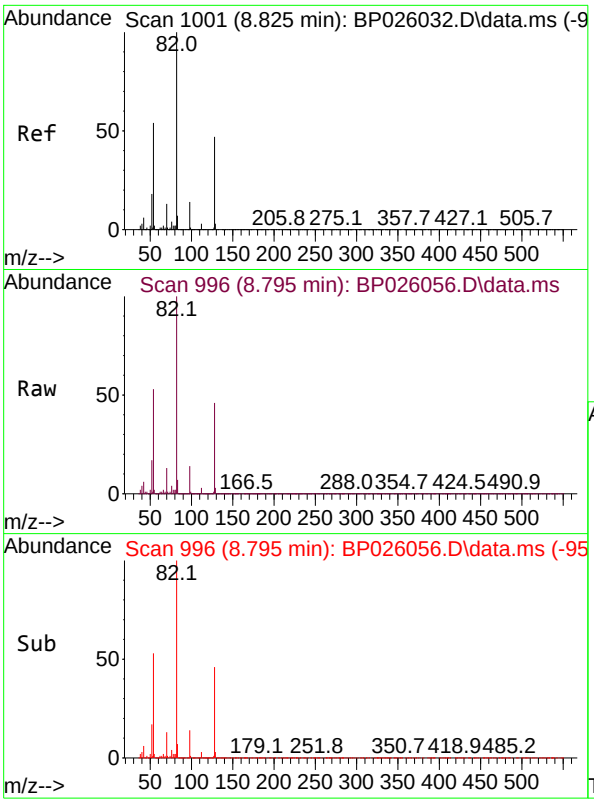


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:136 Resp: 1149841

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	6.6	10.0
68	6.0	4.7	7.1



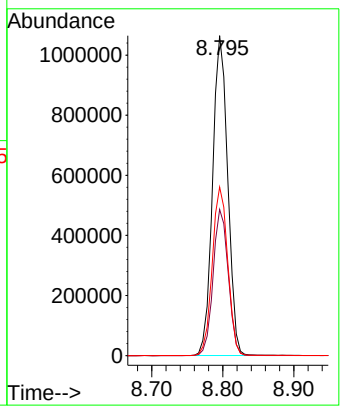


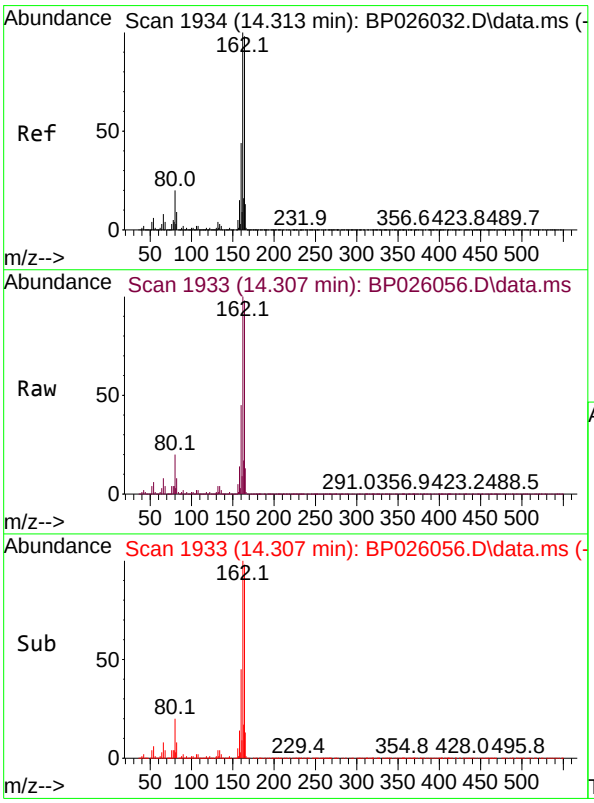
#23
Nitrobenzene-d5
Concen: 85.884 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion: 82 Resp: 1584105

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.4	56.0
54	52.7	42.7	64.1

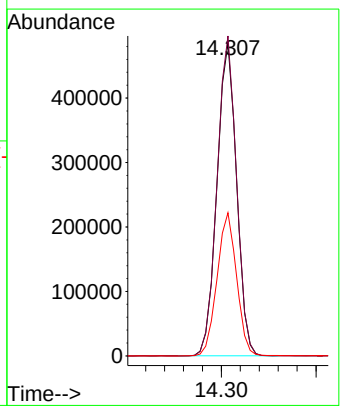


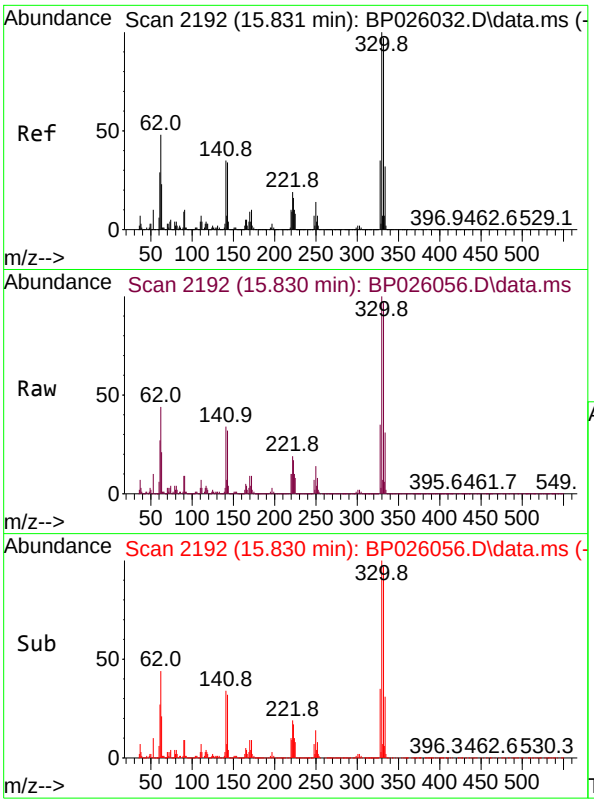


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:164 Resp: 696390

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.5	122.3
160	45.8	36.2	54.4



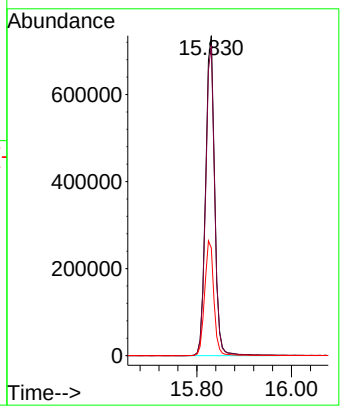


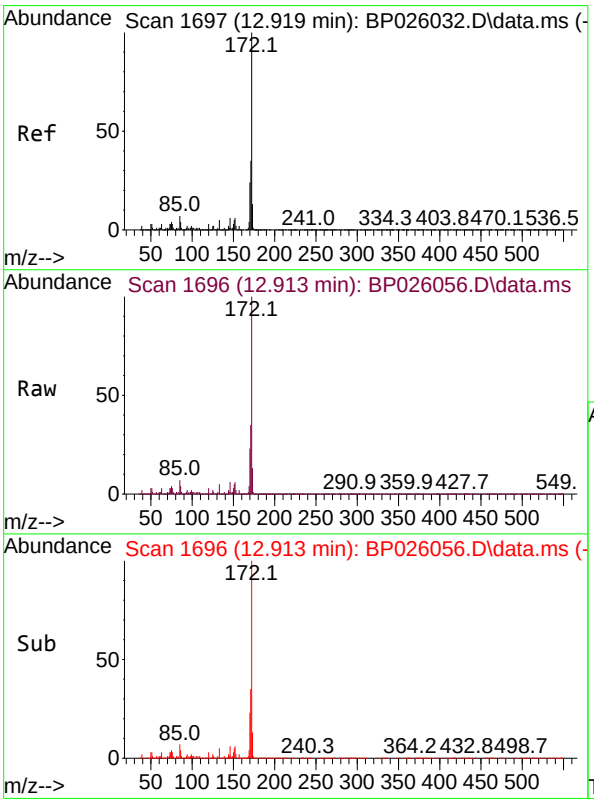
#42
2,4,6-Tribromophenol
Concen: 129.421 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:330 Resp: 974368

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	36.6	28.6	42.8

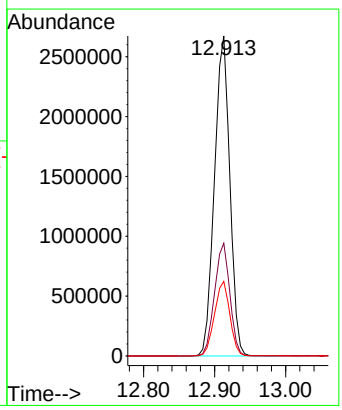


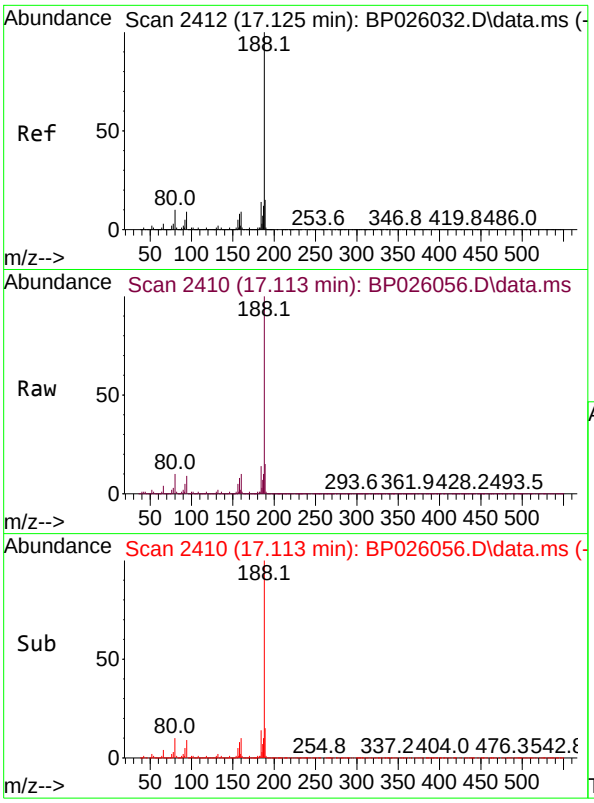


#45
2-Fluorobiphenyl
Concen: 82.999 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:172 Resp: 4022471

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	19.0	28.4



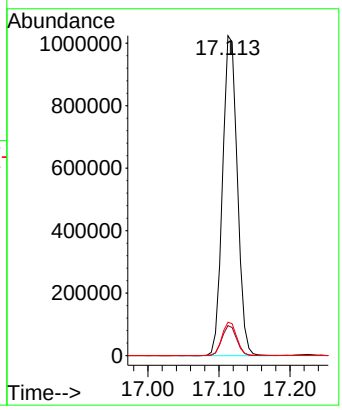


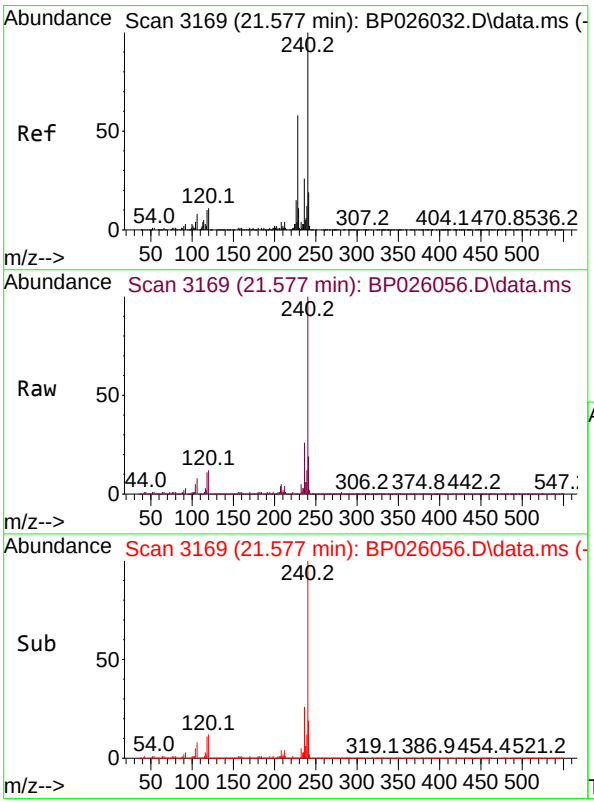
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:188 Resp: 1482446

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.4	7.9	11.9

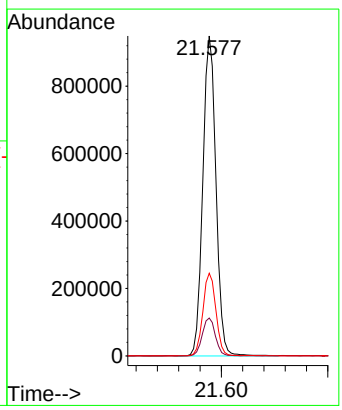


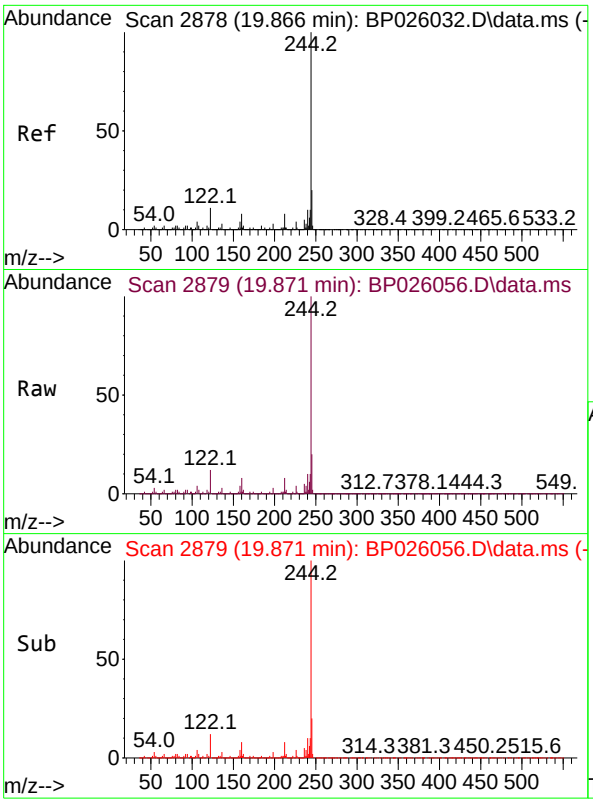


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:240 Resp: 1619683

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.8	20.6	31.0



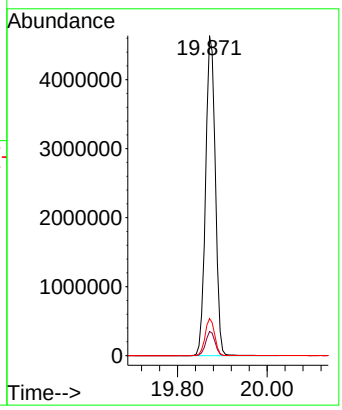


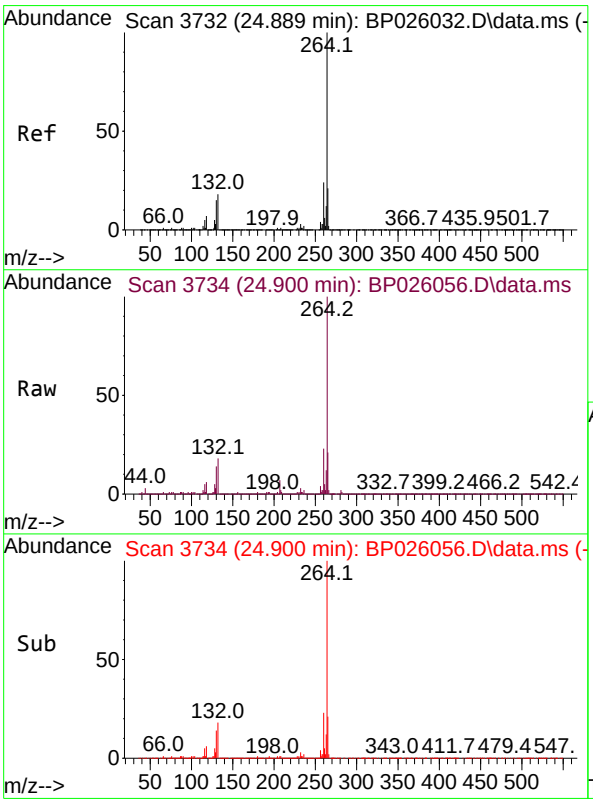
#79
Terphenyl-d14
Concen: 87.069 ng
RT: 19.871 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Tgt Ion:244 Resp: 6941237

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.6	9.0	13.6

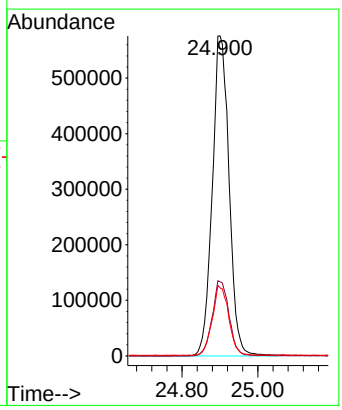




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.900 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026056.D
Acq: 03 Nov 2025 13:21

Tgt Ion:264 Resp: 1773681

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.272	389	397	414	rBV	5413073	7923486	41.75%	10.070%
2	6.819	652	660	676	rBV	5186721	7838000	41.30%	9.961%
3	7.654	795	802	810	rBV	1017977	1707632	9.00%	2.170%
4	8.795	987	996	1011	rBV	3178746	4845683	25.53%	6.158%
5	10.431	1265	1274	1284	rBV	1320019	2305679	12.15%	2.930%
6	12.913	1688	1696	1707	rBV	7620379	11483154	60.50%	14.594%
7	14.307	1925	1933	1941	rBV	2054961	2968731	15.64%	3.773%
8	15.825	2184	2191	2210	rBV	5624761	7912305	41.69%	10.055%
9	17.113	2404	2410	2422	rBV2	2468950	3652627	19.25%	4.642%
10	19.871	2872	2879	2891	rBV	12745653	18979070	100.00%	24.120%
11	21.577	3162	3169	3182	rBV2	2586472	4399319	23.18%	5.591%
12	24.895	3724	3733	3749	rVB	1549113	4671005	24.61%	5.936%

Sum of corrected areas: 78686691

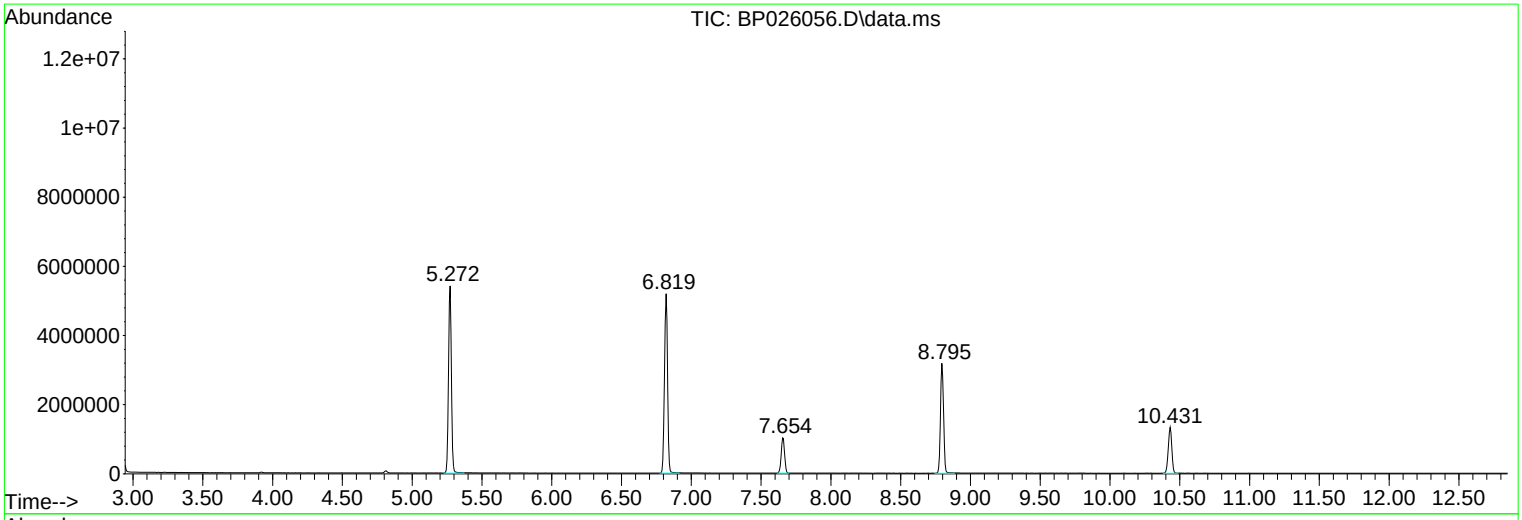
Sample Results: **BP026056.D**

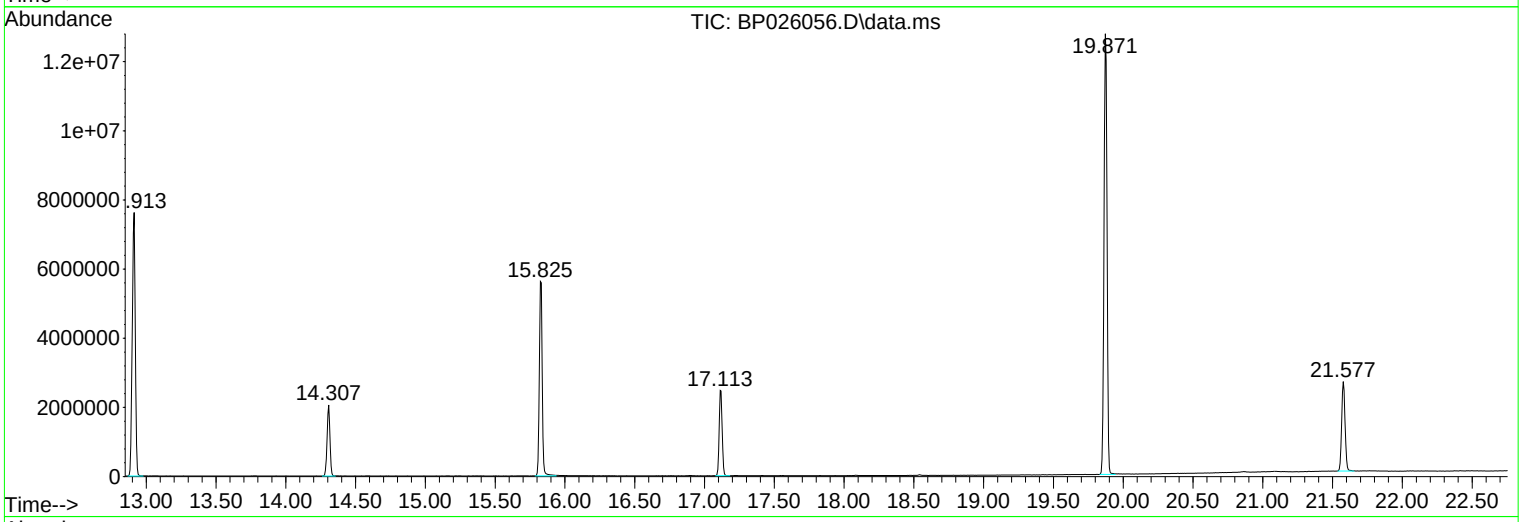
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

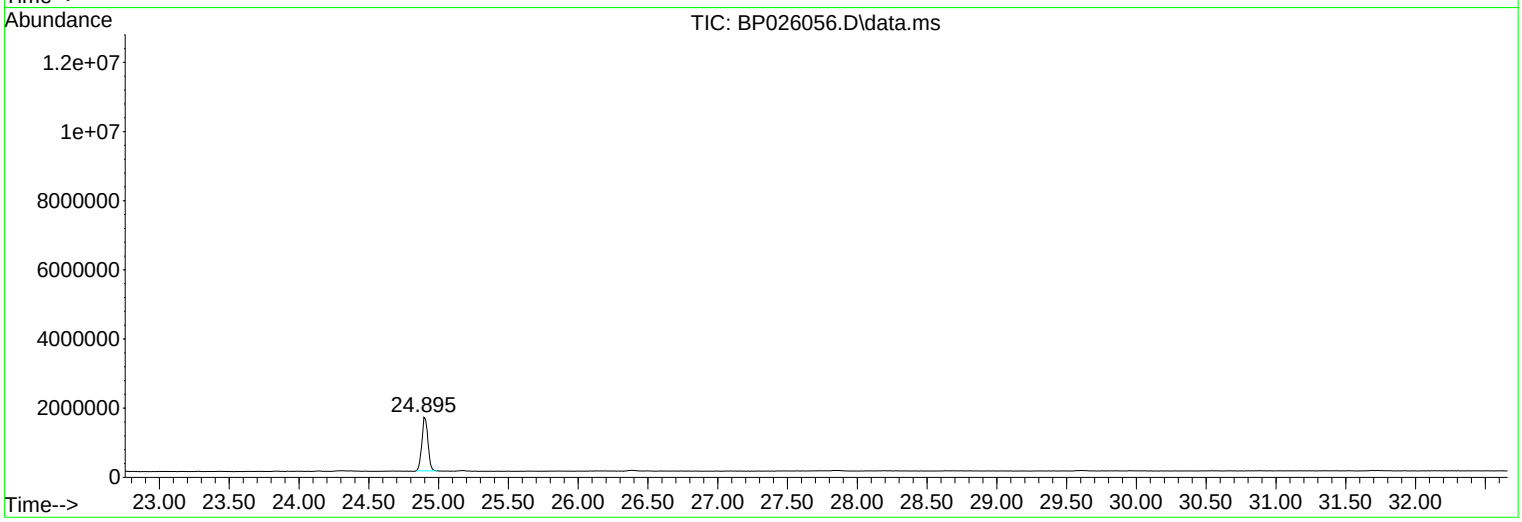
Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026056.D
Acq On : 03 Nov 2025 13:21
Operator : RC/JU
Sample : PB170346BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170346BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	329449	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1315436	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	832110	20.000	ng		0.00
64) Phenanthrene-d10	17.124	188	1709092	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1770074	20.000	ng		0.00
86) Perylene-d12	24.883	264	1828889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2408959	120.657	ng		0.00
7) Phenol-d6	6.854	99	3068817	120.762	ng		0.00
23) Nitrobenzene-d5	8.813	82	1672007	79.238	ng		-0.01
42) 2,4,6-Tribromophenol	15.830	330	1144716	127.248	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4443281	76.728	ng		0.00
79) Terphenyl-d14	19.860	244	7039206	80.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	283255	33.654	ng		99
3) Pyridine	3.619	79	774089	32.352	ng		99
4) n-Nitrosodimethylamine	3.531	42	400066	41.718	ng		99
6) Aniline	7.007	93	1067227	31.467	ng		99
8) 2-Chlorophenol	7.248	128	937249	42.393	ng		99
9) Benzaldehyde	6.825	77	390044	29.526	ng		97
10) Phenol	6.878	94	1184903	42.000	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	887534	39.863	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1027435	40.466	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1044870	40.702	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1007967	41.148	ng		99
15) Benzyl Alcohol	7.907	79	761818	41.584	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1337989	39.763	ng		99
17) 2-Methylphenol	8.113	107	798333	43.215	ng		99
18) Hexachloroethane	8.754	117	350595	39.911	ng		100
19) n-Nitroso-di-n-propyla...	8.478	70	646070	40.956	ng		99
20) 3+4-Methylphenols	8.431	107	1079799	42.016	ng		98
22) Acetophenone	8.490	105	1503706	45.200	ng	#	98
24) Nitrobenzene	8.854	77	924984	41.518	ng		100
25) Isophorone	9.384	82	1868809	41.377	ng		100
26) 2-Nitrophenol	9.560	139	353218	43.347	ng		97
27) 2,4-Dimethylphenol	9.625	122	899639	47.367	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1174041	41.247	ng		100
29) 2,4-Dichlorophenol	10.095	162	892420	44.501	ng		98
30) 1,2,4-Trichlorobenzene	10.313	180	931974	42.757	ng		99
31) Naphthalene	10.495	128	2876816	40.104	ng		100
32) Benzoic acid	9.760	122	585840	50.129	ng		97
33) 4-Chloroaniline	10.595	127	654978	23.761	ng		99
34) Hexachlorobutadiene	10.795	225	549510	39.672	ng		99
35) Caprolactam	11.354	113	308247	43.771	ng		97
36) 4-Chloro-3-methylphenol	11.731	107	963519	45.833	ng		99
37) 2-Methylnaphthalene	12.119	142	1889260	37.630	ng		99
38) 1-Methylnaphthalene	12.336	142	1943253	39.841	ng		99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1124560	43.495	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1034107	109.317	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	699158	45.750	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	782362	44.865	ng	98
46) 1,1'-Biphenyl	13.142	154	2932813	46.030	ng	99
47) 2-Chloronaphthalene	13.178	162	2022474	40.344	ng	99
48) 2-Nitroaniline	13.372	65	546019	42.668	ng	97
49) Acenaphthylene	14.030	152	3520430	48.182	ng	100
50) Dimethylphthalate	13.778	163	2627245	43.407	ng	100
51) 2,6-Dinitrotoluene	13.883	165	527528	46.762	ng	97
52) Acenaphthene	14.383	154	1970069	39.276	ng	99
53) 3-Nitroaniline	14.213	138	440992	33.201	ng	97
54) 2,4-Dinitrophenol	14.419	184	471142	85.796	ng	97
55) Dibenzofuran	14.725	168	3178911	41.947	ng	99
56) 4-Nitrophenol	14.525	139	1061781	87.974	ng	99
57) 2,4-Dinitrotoluene	14.683	165	753629	45.562	ng	96
58) Fluorene	15.389	166	2512494	42.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	657474	47.953	ng	98
60) Diethylphthalate	15.166	149	2674664	43.956	ng	100
61) 4-Chlorophenyl-phenyle...	15.383	204	1201482	40.523	ng	99
62) 4-Nitroaniline	15.389	138	590248	45.636	ng	98
63) Azobenzene	15.683	77	2443729	44.313	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	316195	46.272	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2302748	43.093	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	793370	41.848	ng	99
68) Hexachlorobenzene	16.413	284	884971	41.005	ng	100
69) Atrazine	16.583	200	828455	45.957	ng	98
70) Pentachlorophenol	16.771	266	1153570	87.507	ng	99
71) Phenanthrene	17.171	178	4148480	41.703	ng	100
72) Anthracene	17.266	178	4215169	42.747	ng	100
73) Carbazole	17.542	167	4083450	43.747	ng	100
74) Di-n-butylphthalate	18.148	149	4650026	44.520	ng	99
75) Fluoranthene	19.260	202	4902547	42.248	ng	99
77) Benzidine	19.448	184	1809475	40.274	ng	100
78) Pyrene	19.636	202	5157748	43.083	ng	99
80) Butylbenzylphthalate	20.601	149	1959954	44.143	ng	100
81) Benzo(a)anthracene	21.554	228	5206614	42.805	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1335292	34.072	ng	100
83) Chrysene	21.624	228	4816791	41.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	3094740	43.632	ng	100
85) Di-n-octyl phthalate	22.795	149	5027554	47.713	ng	100
87) Indeno(1,2,3-cd)pyrene	28.653	276	6115341m	45.292	ng	
88) Benzo(b)fluoranthene	23.836	252	5061611	44.581	ng	99
89) Benzo(k)fluoranthene	23.912	252	5281034	45.550	ng	100
90) Benzo(a)pyrene	24.730	252	4886310	46.846	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	5044039	45.905	ng	99
92) Benzo(g,h,i)perylene	29.824	276	4967575	46.981	ng	98

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

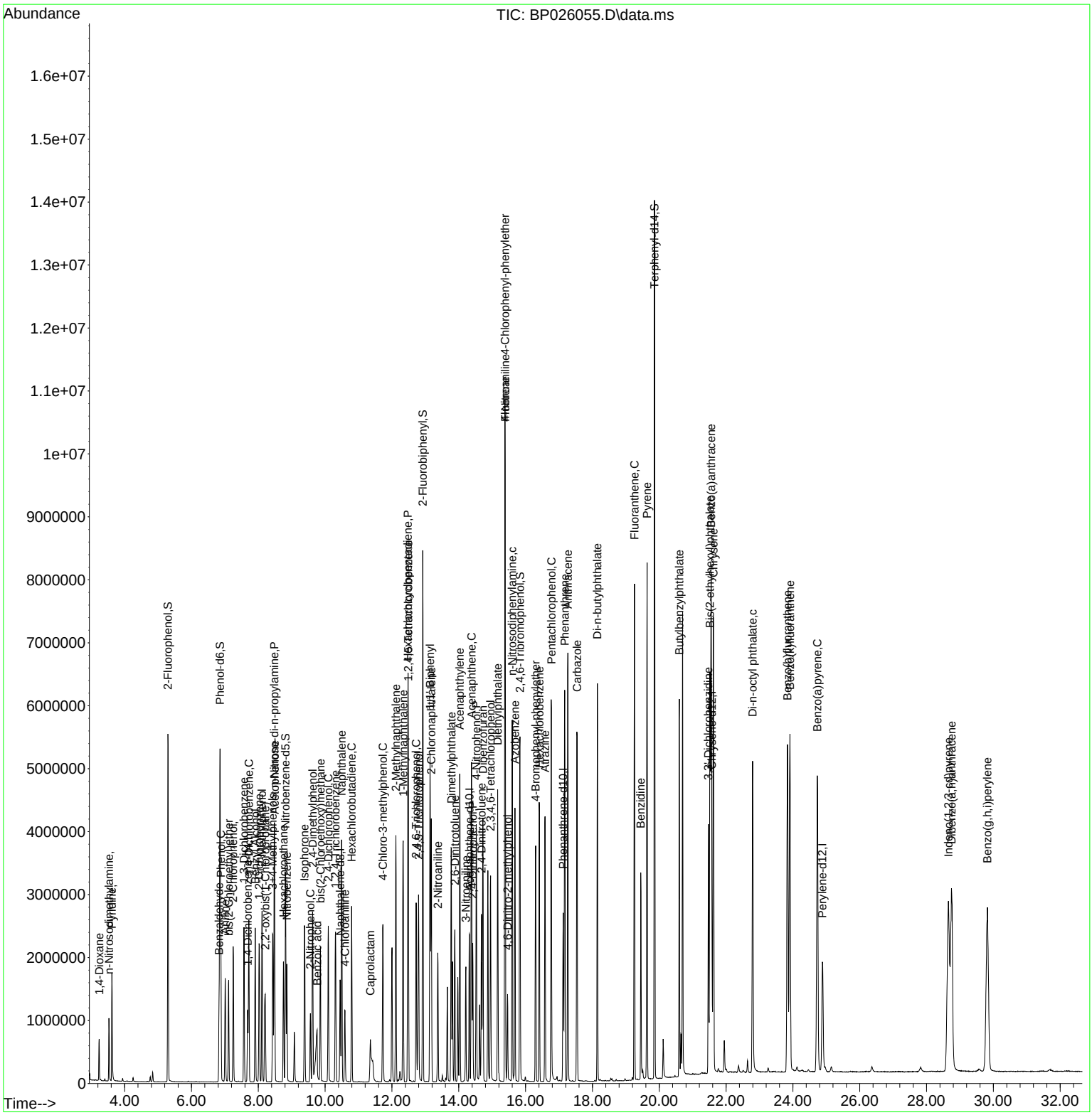
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	413469	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1637380	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	1028881	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	2027304	20.000	ng		0.00
76) Chrysene-d12	21.571	240	2076514	20.000	ng		0.00
86) Perylene-d12	24.895	264	2253084	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2978067	118.851	ng		0.00
7) Phenol-d6	6.855	99	3763455	118.003	ng		0.00
23) Nitrobenzene-d5	8.813	82	2089943	79.570	ng		-0.01
42) 2,4,6-Tribromophenol	15.842	330	1372544	123.395	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	5359966	74.857	ng		0.00
79) Terphenyl-d14	19.866	244	7929727	77.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	350992	33.227	ng		99
3) Pyridine	3.619	79	976319	32.513	ng		98
4) n-Nitrosodimethylamine	3.537	42	503504	41.835	ng		97
6) Aniline	7.013	93	1407319	33.063	ng		100
8) 2-Chlorophenol	7.255	128	1188164	42.821	ng		99
9) Benzaldehyde	6.831	77	522361	31.507	ng		97
10) Phenol	6.878	94	1484026	41.913	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1099192	39.338	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1279343	40.148	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1304870	40.501	ng		100
14) 1,2-Dichlorobenzene	8.031	146	1245514	40.513	ng		99
15) Benzyl Alcohol	7.913	79	964164	41.935	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1654572	39.179	ng		99
17) 2-Methylphenol	8.113	107	990544	42.724	ng		100
18) Hexachloroethane	8.749	117	438887	39.810	ng		95
19) n-Nitroso-di-n-propyla...	8.478	70	800347	40.426	ng		99
20) 3+4-Methylphenols	8.437	107	1348471	41.808	ng		99
22) Acetophenone	8.490	105	1877199	45.332	ng	#	99
24) Nitrobenzene	8.860	77	1166891	42.078	ng		99
25) Isophorone	9.390	82	2315399	41.185	ng		100
26) 2-Nitrophenol	9.566	139	474639	46.582	ng		98
27) 2,4-Dimethylphenol	9.631	122	1132373	47.898	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	1468692	41.453	ng		100
29) 2,4-Dichlorophenol	10.096	162	1111034	44.509	ng		98
30) 1,2,4-Trichlorobenzene	10.319	180	1151117	42.427	ng		99
31) Naphthalene	10.501	128	3574182	40.029	ng		100
32) Benzoic acid	9.766	122	816691	54.405	ng		96
33) 4-Chloroaniline	10.601	127	897215	26.149	ng		100
34) Hexachlorobutadiene	10.796	225	680572	39.473	ng		99
35) Caprolactam	11.372	113	373324m	42.589	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1181240	45.142	ng		98
37) 2-Methylnaphthalene	12.119	142	2286221	36.583	ng		99
38) 1-Methylnaphthalene	12.348	142	2395129	39.450	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1378808	43.130	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1343156	114.832	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	868821	45.979	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	977044	45.314	ng	98
46) 1,1'-Biphenyl	13.142	154	3555466	45.130	ng	100
47) 2-Chloronaphthalene	13.178	162	2488428	40.146	ng	100
48) 2-Nitroaniline	13.384	65	682129	43.080	ng	99
49) Acenaphthylene	14.037	152	4302294	47.621	ng	100
50) Dimethylphthalate	13.778	163	3165660	42.299	ng	99
51) 2,6-Dinitrotoluene	13.884	165	653607	46.852	ng	98
52) Acenaphthene	14.389	154	2764412	44.572	ng	100
53) 3-Nitroaniline	14.207	138	550674	33.504	ng	98
54) 2,4-Dinitrophenol	14.425	184	618650	89.390	ng	99
55) Dibenzofuran	14.731	168	3838967	40.968	ng	99
56) 4-Nitrophenol	14.525	139	1284695	86.087	ng	96
57) 2,4-Dinitrotoluene	14.678	165	933286	45.627	ng	99
58) Fluorene	15.389	166	3014436	41.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	823548	48.579	ng	99
60) Diethylphthalate	15.178	149	3185892	42.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1468638	40.060	ng	99
62) 4-Nitroaniline	15.401	138	736751	46.069	ng	99
63) Azobenzene	15.683	77	2930458	42.976	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	418402	50.265	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2758017	43.511	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	958809	42.636	ng	99
68) Hexachlorobenzene	16.419	284	1062593	41.507	ng	99
69) Atrazine	16.595	200	990002	46.299	ng	99
70) Pentachlorophenol	16.772	266	1409042	90.109	ng	98
71) Phenanthrene	17.172	178	4887342	41.418	ng	99
72) Anthracene	17.272	178	4994409	42.699	ng	100
73) Carbazole	17.542	167	4798722	43.340	ng	99
74) Di-n-butylphthalate	18.148	149	5476816	44.206	ng	99
75) Fluoranthene	19.266	202	5695428	41.377	ng	99
77) Benzidine	19.454	184	2560522	48.580	ng	100
78) Pyrene	19.636	202	5922117	42.167	ng	99
80) Butylbenzylphthalate	20.601	149	2346780	44.985	ng	98
81) Benzo(a)anthracene	21.554	228	6005581	42.088	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1521050	33.084	ng	99
83) Chrysene	21.624	228	5583127	41.305	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3535330	42.556	ng	99
85) Di-n-octyl phthalate	22.807	149	5930535	47.977	ng	100
87) Indeno(1,2,3-cd)pyrene	28.677	276	7311036m	43.953	ng	
88) Benzo(b)fluoranthene	23.842	252	6092278	43.557	ng	99
89) Benzo(k)fluoranthene	23.912	252	6221199	43.556	ng	99
90) Benzo(a)pyrene	24.742	252	5887209	45.816	ng	100
91) Dibenzo(a,h)anthracene	28.753	278	6034680	44.581	ng	98
92) Benzo(g,h,i)perylene	29.836	276	5887221	45.196	ng	98

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

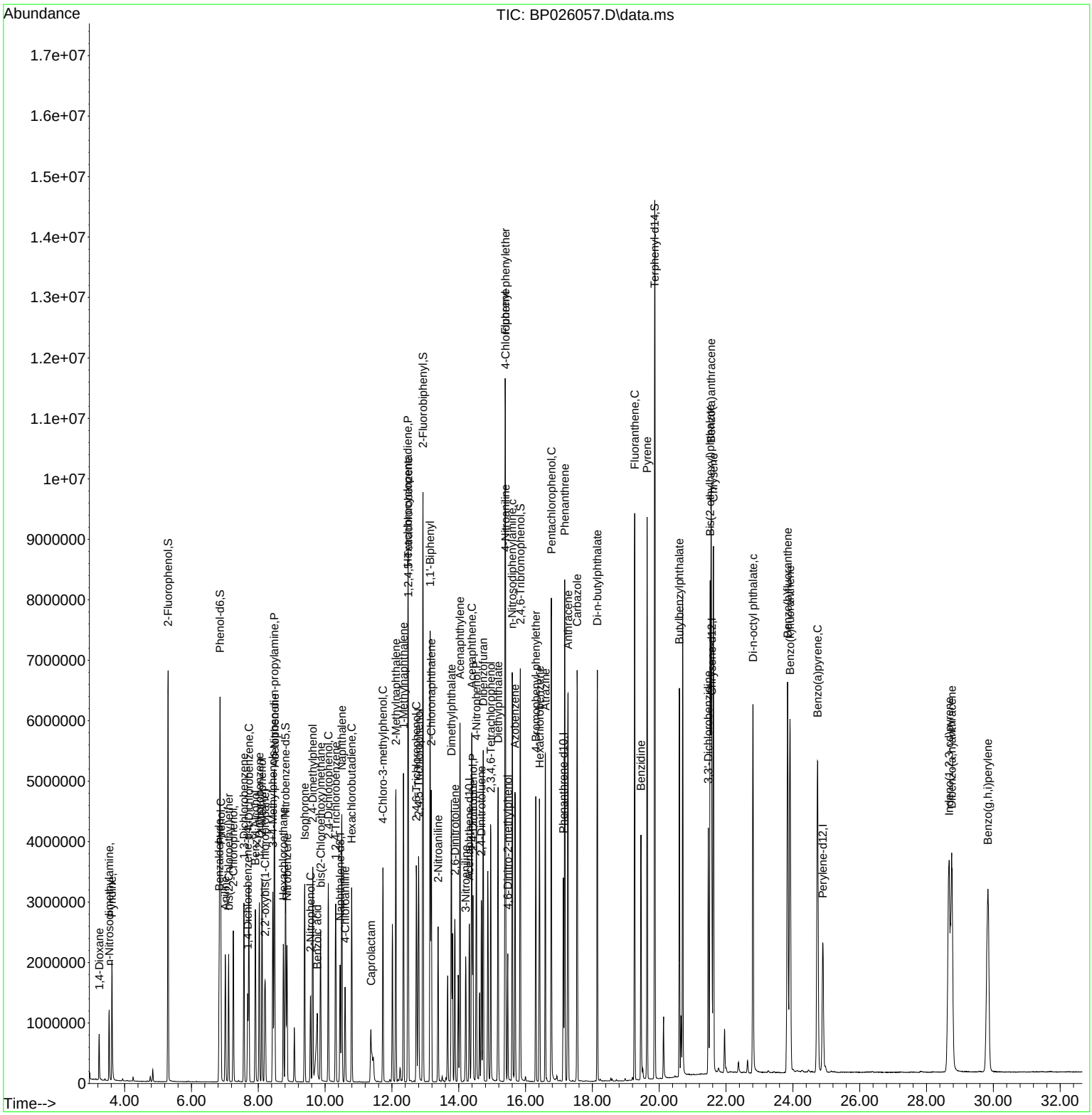
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026057.D
Acq On : 03 Nov 2025 14:03
Operator : RC/JU
Sample : PB170346BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 14:23:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	395071	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1598021	20.000	ng		0.00
39) Acenaphthene-d10	14.307	164	1009231	20.000	ng		-0.01
64) Phenanthrene-d10	17.119	188	2008992	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2004620	20.000	ng		0.02
86) Perylene-d12	24.895	264	2129528	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2905740	121.364	ng		0.00
7) Phenol-d6	6.855	99	3657597	120.024	ng		0.00
23) Nitrobenzene-d5	8.813	82	2071026	80.792	ng		-0.01
42) 2,4,6-Tribromophenol	15.831	330	1378817	126.372	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	5200921	74.050	ng		-0.01
79) Terphenyl-d14	19.866	244	7852666	79.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	326802	32.378	ng		98
3) Pyridine	3.619	79	914026	31.856	ng		99
4) n-Nitrosodimethylamine	3.531	42	474046	41.222	ng		98
6) Aniline	7.013	93	1415390	34.801	ng		99
8) 2-Chlorophenol	7.249	128	1169712	44.119	ng		98
9) Benzaldehyde	6.825	77	501324	31.646	ng		96
10) Phenol	6.878	94	1448888	42.827	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	1056344	39.565	ng		99
12) 1,3-Dichlorobenzene	7.572	146	1230567	40.416	ng		98
13) 1,4-Dichlorobenzene	7.713	146	1253086	40.705	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1212791	41.286	ng		99
15) Benzyl Alcohol	7.907	79	944591	42.997	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1613589	39.988	ng		99
17) 2-Methylphenol	8.113	107	976660	44.086	ng		99
18) Hexachloroethane	8.749	117	433237	41.127	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	796591	42.111	ng		99
20) 3+4-Methylphenols	8.437	107	1333675	43.275	ng		99
22) Acetophenone	8.490	105	1815154	44.913	ng	#	99
24) Nitrobenzene	8.860	77	1149562	42.474	ng		100
25) Isophorone	9.384	82	2275981	41.481	ng		100
26) 2-Nitrophenol	9.566	139	491470	49.259	ng		95
27) 2,4-Dimethylphenol	9.625	122	1107222	47.988	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1447720	41.867	ng		100
29) 2,4-Dichlorophenol	10.096	162	1096305	45.001	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	1127789	42.591	ng		99
31) Naphthalene	10.501	128	3508025	40.256	ng		100
32) Benzoic acid	9.760	122	804704	54.780	ng		96
33) 4-Chloroaniline	10.595	127	839001	25.055	ng		99
34) Hexachlorobutadiene	10.796	225	668366	39.720	ng		99
35) Caprolactam	11.360	113	371981m	43.481	ng		
36) 4-Chloro-3-methylphenol	11.725	107	1169039	45.776	ng		98
37) 2-Methylnaphthalene	12.113	142	2280926	37.397	ng		100
38) 1-Methylnaphthalene	12.331	142	2346181	39.596	ng		100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1368368	43.637	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1370080	119.415	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	865628	46.702	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	971919	45.954	ng		97
46) 1,1'-Biphenyl	13.137	154	3510801	45.431	ng		99
47) 2-Chloronaphthalene	13.172	162	2470353	40.630	ng		99
48) 2-Nitroaniline	13.366	65	686775	44.141	ng		99
49) Acenaphthylene	14.025	152	4185681	47.233	ng		100
50) Dimethylphthalate	13.766	163	3146994	42.869	ng		100
51) 2,6-Dinitrotoluene	13.878	165	648007	47.323	ng		99
52) Acenaphthene	14.372	154	2411580	39.640	ng		99
53) 3-Nitroaniline	14.207	138	537488	33.351	ng	#	97
54) 2,4-Dinitrophenol	14.407	184	620525	90.756	ng		99
55) Dibenzofuran	14.713	168	3707123	40.332	ng		99
56) 4-Nitrophenol	14.525	139	1280146	87.452	ng		98
57) 2,4-Dinitrotoluene	14.672	165	928820	46.248	ng		95
58) Fluorene	15.378	166	2946984	40.924	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	817638	49.169	ng		99
60) Diethylphthalate	15.166	149	3179916	43.088	ng		100
61) 4-Chlorophenyl-phenyle...	15.378	204	1424235	39.605	ng		99
62) 4-Nitroaniline	15.389	138	704598	44.917	ng		99
63) Azobenzene	15.683	77	2854023	42.670	ng		98
65) 4,6-Dinitro-2-methylph...	15.454	198	418767	50.643	ng		95
66) n-Nitrosodiphenylamine	15.601	169	2717880	43.269	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	935632	41.985	ng		99
68) Hexachlorobenzene	16.407	284	1040905	41.031	ng		97
69) Atrazine	16.583	200	993937	46.907	ng		99
70) Pentachlorophenol	16.766	266	1404655	90.648	ng		99
71) Phenanthrene	17.166	178	4736449	40.506	ng		100
72) Anthracene	17.266	178	4906737	42.332	ng		100
73) Carbazole	17.536	167	4647037	42.353	ng		100
74) Di-n-butylphthalate	18.154	149	5458434	44.459	ng		99
75) Fluoranthene	19.260	202	5596306	41.027	ng		99
77) Benzidine	19.454	184	2494908	49.033	ng		99
78) Pyrene	19.642	202	5806155	42.824	ng		99
80) Butylbenzylphthalate	20.607	149	2365907	46.828	ng		98
81) Benzo(a)anthracene	21.560	228	5819805	42.248	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1546719	34.849	ng		100
83) Chrysene	21.630	228	5490666	42.078	ng		100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3709522	46.029	ng		100
85) Di-n-octyl phthalate	22.807	149	6086837	51.008	ng		99
87) Indeno(1,2,3-cd)pyrene	28.677	276	6974909	44.365	ng	#	92
88) Benzo(b)fluoranthene	23.854	252	5796552	43.847	ng		100
89) Benzo(k)fluoranthene	23.918	252	5951541	44.086	ng		100
90) Benzo(a)pyrene	24.742	252	5611714	46.205	ng		99
91) Dibenzo(a,h)anthracene	28.753	278	5751136	44.951	ng		99
92) Benzo(g,h,i)perylene	29.847	276	5644301	45.845	ng		100

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

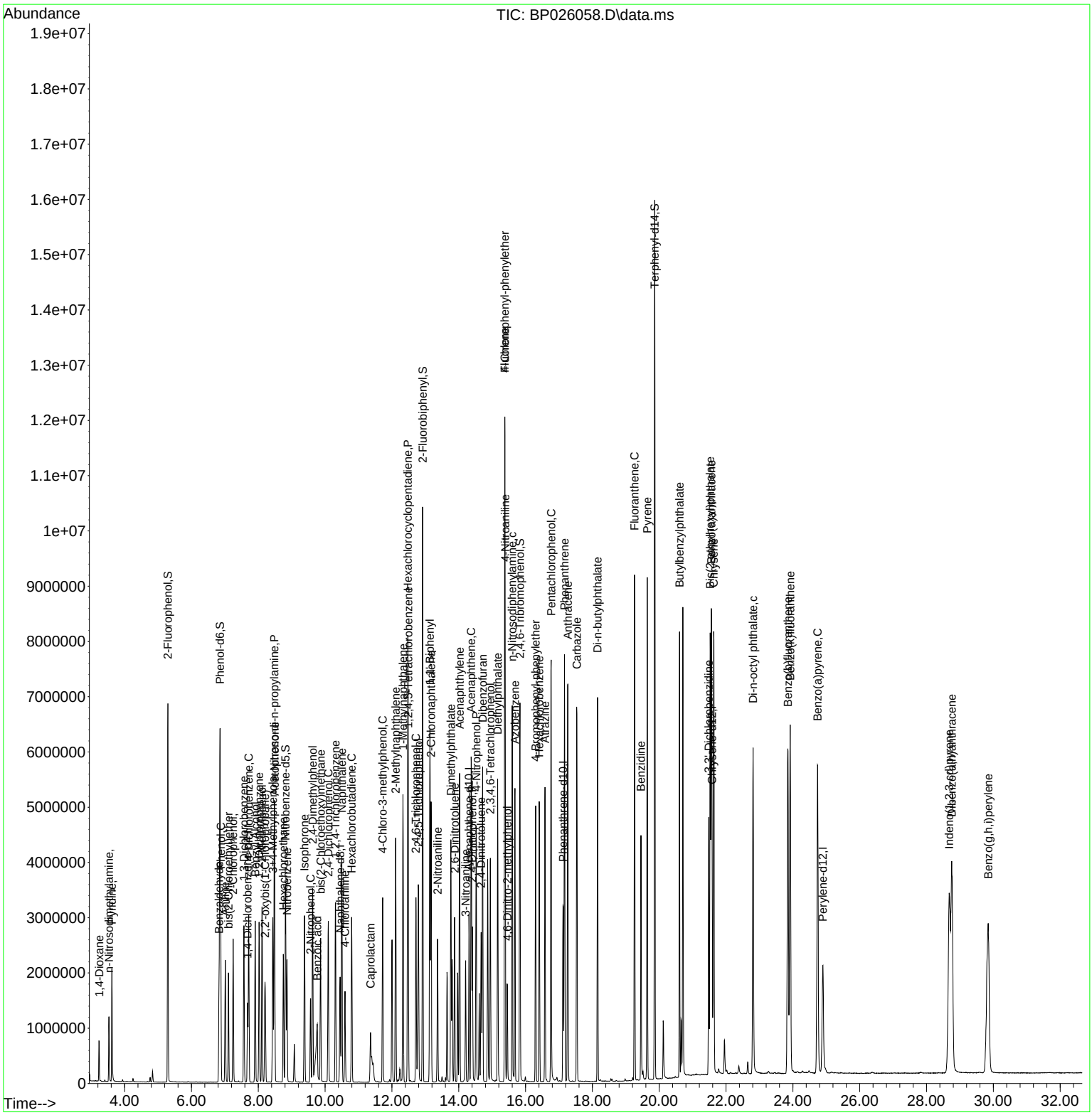
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026058.D
Acq On : 03 Nov 2025 14:44
Operator : RC/JU
Sample : PB170346BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 03 15:05:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170346BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	230344	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	913499	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	573692	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1154142	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1320577	20.000	ng		0.01
86) Perylene-d12	24.889	264	1554006	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1034800	74.129	ng		0.00
7) Phenol-d6	6.855	99	1315612	74.046	ng		0.00
23) Nitrobenzene-d5	8.819	82	718062	49.003	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	502803	81.069	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	1719470	43.067	ng		0.00
79) Terphenyl-d14	19.860	244	2808520	43.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	245654	41.743	ng		98
3) Pyridine	3.619	79	653591	39.069	ng		99
4) n-Nitrosodimethylamine	3.531	42	305989	45.637	ng		94
6) Aniline	7.013	93	741914	31.287	ng		99
8) 2-Chlorophenol	7.249	128	767520	49.652	ng		97
9) Benzaldehyde	6.831	77	421669	45.654	ng		95
10) Phenol	6.884	94	939790	47.644	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	686866	44.124	ng		100
12) 1,3-Dichlorobenzene	7.572	146	815209	45.921	ng		99
13) 1,4-Dichlorobenzene	7.719	146	834769	46.508	ng		98
14) 1,2-Dichlorobenzene	8.037	146	796735	46.519	ng		98
15) Benzyl Alcohol	7.913	79	621325	48.507	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	974973	41.441	ng		98
17) 2-Methylphenol	8.119	107	624055	48.315	ng		98
18) Hexachloroethane	8.755	117	285850	46.541	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	495360	44.913	ng		97
20) 3+4-Methylphenols	8.437	107	851879	47.409	ng		98
22) Acetophenone	8.490	105	1062156	45.975	ng	#	97
24) Nitrobenzene	8.860	77	731015	47.248	ng		98
25) Isophorone	9.390	82	1416601	45.165	ng		99
26) 2-Nitrophenol	9.566	139	367075	63.539	ng		96
27) 2,4-Dimethylphenol	9.631	122	712048	53.986	ng		100
28) bis(2-Chloroethoxy)met...	9.866	93	890244	45.038	ng		100
29) 2,4-Dichlorophenol	10.102	162	706461	50.728	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	727408	48.056	ng		97
31) Naphthalene	10.501	128	2237445	44.915	ng		100
32) Benzoic acid	9.749	122	560751	63.086	ng		96
33) 4-Chloroaniline	10.601	127	319591	16.695	ng		99
34) Hexachlorobutadiene	10.807	225	437061	45.437	ng		99
35) Caprolactam	11.372	113	241440	49.370	ng		95
36) 4-Chloro-3-methylphenol	11.737	107	740711	50.738	ng		99
37) 2-Methylnaphthalene	12.125	142	1421190	40.762	ng		99
38) 1-Methylnaphthalene	12.348	142	1485088	43.844	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	802007	44.992	ng		99
41) Hexachlorocyclopentadiene	12.484	237	921688	141.321	ng		97
43) 2,4,6-Trichlorophenol	12.737	196	565547	53.677	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

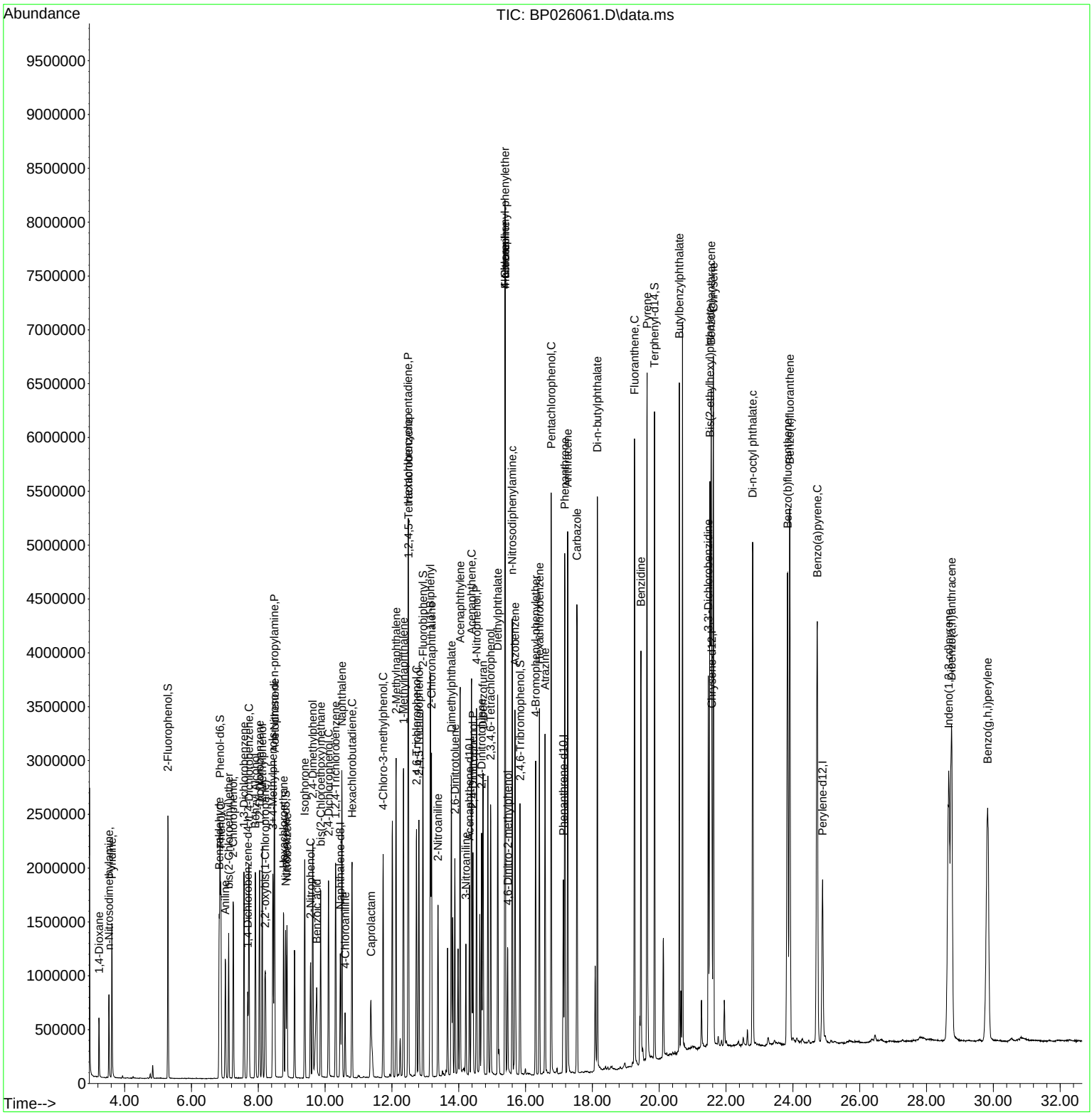
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	621732	51.714	ng	97
46) 1,1'-Biphenyl	13.148	154	2025270	46.104	ng	100
47) 2-Chloronaphthalene	13.184	162	1550279	44.855	ng	99
48) 2-Nitroaniline	13.378	65	443914	49.793	ng	100
49) Acenaphthylene	14.042	152	2662846	52.861	ng	100
50) Dimethylphthalate	13.778	163	1989156	47.668	ng	100
51) 2,6-Dinitrotoluene	13.884	165	406367	51.897	ng	98
52) Acenaphthene	14.384	154	1475483	42.666	ng	99
53) 3-Nitroaniline	14.213	138	280213	30.806	ng	98
54) 2,4-Dinitrophenol	14.425	184	430227	103.707	ng	97
55) Dibenzofuran	14.725	168	2405190	46.033	ng	99
56) 4-Nitrophenol	14.531	139	889709	106.923	ng	98
57) 2,4-Dinitrotoluene	14.684	165	582363	50.694	ng	96
58) Fluorene	15.389	166	1891035	46.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	553544	58.559	ng	99
60) Diethylphthalate	15.166	149	1996178	47.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	927006	45.349	ng	100
62) 4-Nitroaniline	15.389	138	461643	51.771	ng	94
63) Azobenzene	15.684	77	1915280	50.375	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	290971	58.360	ng	95
66) n-Nitrosodiphenylamine	15.601	169	1717820	47.604	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	595137	46.486	ng	99
68) Hexachlorobenzene	16.413	284	685540	47.038	ng	98
69) Atrazine	16.584	200	650082	53.402	ng	99
70) Pentachlorophenol	16.766	266	996902	111.985	ng	100
71) Phenanthrene	17.172	178	3106348	46.241	ng	100
72) Anthracene	17.260	178	3217289	48.315	ng	100
73) Carbazole	17.536	167	3089675	49.016	ng	100
74) Di-n-butylphthalate	18.148	149	3658234	51.866	ng	99
75) Fluoranthene	19.260	202	3795608	48.436	ng	99
77) Benzidine	19.454	184	2267672	67.652	ng	99
78) Pyrene	19.636	202	3918450	43.872	ng	100
80) Butylbenzylphthalate	20.601	149	1795165	53.421	ng	98
81) Benzo(a)anthracene	21.554	228	4277522	47.137	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1241377	42.457	ng	99
83) Chrysene	21.619	228	3977445	46.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	2741453	51.320	ng	99
85) Di-n-octyl phthalate	22.795	149	4878166	62.054	ng	97
87) Indeno(1,2,3-cd)pyrene	28.659	276	5622542	49.008	ng	98
88) Benzo(b)fluoranthene	23.842	252	4477746	46.415	ng	100
89) Benzo(k)fluoranthene	23.907	252	4571470	46.404	ng	100
90) Benzo(a)pyrene	24.730	252	4396054	49.601	ng	99
91) Dibenzo(a,h)anthracene	28.748	278	4613090	49.410	ng	100
92) Benzo(g,h,i)perylene	29.830	276	4530380	50.425	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	345956	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1339139	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	838184	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1700831	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1741305	20.000	ng		0.01
86) Perylene-d12	24.901	264	1964578	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	1402287	66.885	ng		0.00
7) Phenol-d6	6.855	99	1788683	67.029	ng		0.00
23) Nitrobenzene-d5	8.819	82	990160	46.094	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	683138	75.388	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	2373751	40.694	ng		0.00
79) Terphenyl-d14	19.871	244	3672530	42.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	324097	36.669	ng		98
3) Pyridine	3.619	79	876612	34.889	ng		98
4) n-Nitrosodimethylamine	3.531	42	415005	41.211	ng		95
6) Aniline	7.013	93	1062972	29.847	ng		98
8) 2-Chlorophenol	7.255	128	1047831	45.133	ng		97
9) Benzaldehyde	6.831	77	578623	41.711	ng		96
10) Phenol	6.884	94	1266278	42.743	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	933173	39.913	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1112065	41.709	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1144096	42.441	ng		98
14) 1,2-Dichlorobenzene	8.031	146	1096934	42.643	ng		100
15) Benzyl Alcohol	7.913	79	834687	43.388	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.201	45	1317067	37.273	ng		98
17) 2-Methylphenol	8.119	107	849875	43.810	ng		98
18) Hexachloroethane	8.754	117	390595	42.343	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	677161	40.879	ng		97
20) 3+4-Methylphenols	8.437	107	1153310	42.735	ng		99
22) Acetophenone	8.490	105	1445488	42.681	ng	#	97
24) Nitrobenzene	8.860	77	998094	44.006	ng		98
25) Isophorone	9.390	82	1938648	42.164	ng		99
26) 2-Nitrophenol	9.566	139	516379	61.081	ng		97
27) 2,4-Dimethylphenol	9.637	122	968769	50.104	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1224727	42.266	ng		99
29) 2,4-Dichlorophenol	10.101	162	958620	46.956	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	1001794	45.147	ng		98
31) Naphthalene	10.496	128	3055988	41.848	ng		100
32) Benzoic acid	9.760	122	774891	60.501	ng		95
33) 4-Chloroaniline	10.601	127	510560	18.194	ng		99
34) Hexachlorobutadiene	10.795	225	598063	42.413	ng		99
35) Caprolactam	11.372	113	337662	47.099	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	1007525	47.078	ng		97
37) 2-Methylnaphthalene	12.119	142	1938577	37.929	ng		99
38) 1-Methylnaphthalene	12.342	142	2017843	40.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1077175	41.361	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1243244	130.473	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	782493	50.832	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	850932	48.444	ng	98
46) 1,1'-Biphenyl	13.142	154	2771814	43.188	ng	99
47) 2-Chloronaphthalene	13.178	162	2108910	41.763	ng	99
48) 2-Nitroaniline	13.378	65	621752	47.854	ng	99
49) Acenaphthylene	14.036	152	3660936	49.742	ng	100
50) Dimethylphthalate	13.778	163	2659719	43.625	ng	100
51) 2,6-Dinitrotoluene	13.884	165	571822	50.094	ng	97
52) Acenaphthene	14.389	154	2102593	41.614	ng	99
53) 3-Nitroaniline	14.207	138	377478	28.609	ng	99
54) 2,4-Dinitrophenol	14.425	184	591250	99.558	ng	98
55) Dibenzofuran	14.736	168	3263619	42.752	ng	98
56) 4-Nitrophenol	14.531	139	1170731	96.298	ng	97
57) 2,4-Dinitrotoluene	14.684	165	807931	48.292	ng	94
58) Fluorene	15.389	166	2584473	43.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	750291	54.326	ng	99
60) Diethylphthalate	15.178	149	2723574	44.435	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	1259202	42.161	ng	98
62) 4-Nitroaniline	15.401	138	618513	47.475	ng	95
63) Azobenzene	15.689	77	2620845	47.180	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	406212	56.067	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2332051	43.853	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	822145	43.577	ng	96
68) Hexachlorobenzene	16.413	284	926997	43.161	ng	99
69) Atrazine	16.589	200	872262	48.623	ng	98
70) Pentachlorophenol	16.766	266	1328307	101.252	ng	100
71) Phenanthrene	17.172	178	4173304	42.156	ng	100
72) Anthracene	17.266	178	4278369	43.598	ng	100
73) Carbazole	17.542	167	4064676	43.757	ng	99
74) Di-n-butylphthalate	18.148	149	4915908	47.295	ng	100
75) Fluoranthene	19.266	202	4951949	42.881	ng	98
77) Benzidine	19.460	184	2913359	65.915	ng	99
78) Pyrene	19.642	202	5196427	44.123	ng	100
80) Butylbenzylphthalate	20.613	149	2290813	51.809	ng	99
81) Benzo(a)anthracene	21.560	228	5148001	43.023	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1419085	36.808	ng	100
83) Chrysene	21.624	228	4879542	43.049	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3379081	48.142	ng	99
85) Di-n-octyl phthalate	22.807	149	5812672	56.076	ng	97
87) Indeno(1,2,3-cd)pyrene	28.671	276	6582442m	45.384	ng	
88) Benzo(b)fluoranthene	23.842	252	5232886	42.907	ng	100
89) Benzo(k)fluoranthene	23.918	252	5472430	43.941	ng	100
90) Benzo(a)pyrene	24.742	252	5194536	46.362	ng	100
91) Dibenzo(a,h)anthracene	28.765	278	5395679	45.714	ng	99
92) Benzo(g,h,i)perylene	29.842	276	5296260m	46.630	ng	

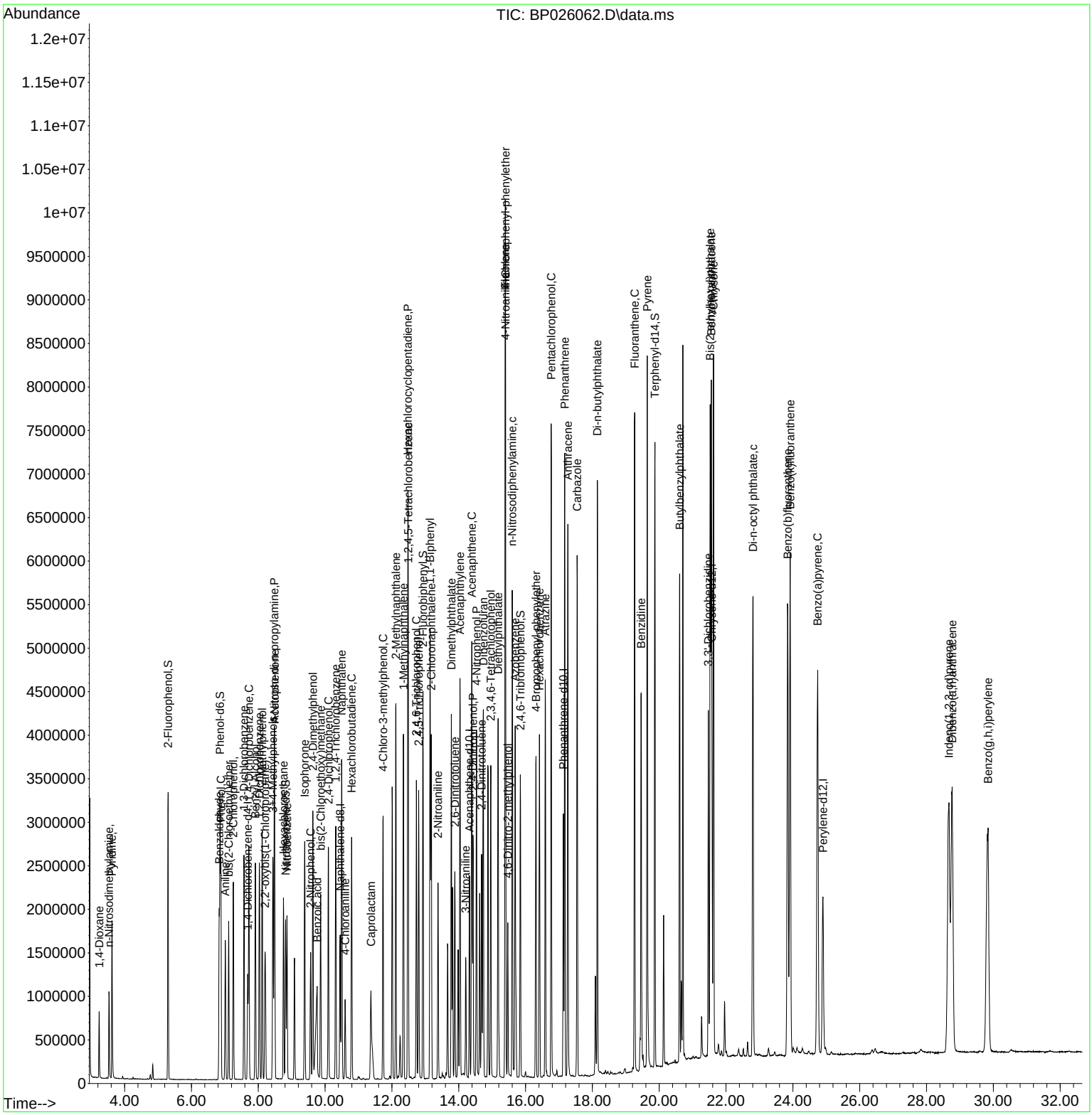
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG103125	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP110325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170342BS	BP026055.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:36 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BS	BP026057.D	Caprolactam	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BS	BP026057.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:39 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
PB170346BSD	BP026058.D	Caprolactam	Jagrut	11/4/2025 4:00:41 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Benzo(g,h,i)perylene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM				
SubDirectory	BG103125	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064653.D	31 Oct 2025 12:42	RC/JU	Ok
2	SSTDCCC040	BG064654.D	31 Oct 2025 13:24	RC/JU	Ok
3	PB170342BL	BG064655.D	31 Oct 2025 14:04	RC/JU	Not Ok
4	Q3447-08	BG064656.D	31 Oct 2025 14:50	RC/JU	Ok
5	Q3497-01	BG064657.D	31 Oct 2025 15:31	RC/JU	Ok
6	Q3504-01	BG064658.D	31 Oct 2025 16:12	RC/JU	Ok
7	Q3496-01	BG064659.D	31 Oct 2025 16:54	RC/JU	Ok
8	Q3477-03	BG064660.D	31 Oct 2025 17:35	RC/JU	Ok
9	Q3495-01	BG064661.D	31 Oct 2025 18:16	RC/JU	Ok
10	Q3495-03	BG064662.D	31 Oct 2025 18:57	RC/JU	Ok
11	Q3503-05	BG064663.D	31 Oct 2025 19:38	RC/JU	Ok
12	Q3503-01	BG064664.D	31 Oct 2025 20:19	RC/JU	Ok
13	Q3486-07	BG064665.D	31 Oct 2025 21:00	RC/JU	Ok,M
14	Q3486-03DL	BG064666.D	31 Oct 2025 21:41	RC/JU	Ok,M
15	Q3503-03	BG064667.D	31 Oct 2025 22:22	RC/JU	Ok
16	Q3501-01	BG064668.D	31 Oct 2025 23:04	RC/JU	Ok
17	Q3499-01	BG064669.D	31 Oct 2025 23:45	RC/JU	Ok
18	Q3486-07DL	BG064670.D	1 Nov 2025 00:27	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM				
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM				
SubDirectory	BP110325	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026052.D	03 Nov 2025 10:08	RC/JU	Ok
2	SSTDCCC040	BP026053.D	03 Nov 2025 11:06	RC/JU	Ok
3	PB170342BL	BP026054.D	03 Nov 2025 11:47	RC/JU	Ok
4	PB170342BS	BP026055.D	03 Nov 2025 12:29	RC/JU	Ok,M
5	PB170346BL	BP026056.D	03 Nov 2025 13:21	RC/JU	Ok
6	PB170346BS	BP026057.D	03 Nov 2025 14:03	RC/JU	Ok,M
7	PB170346BSD	BP026058.D	03 Nov 2025 14:44	RC/JU	Ok,M
8	Q3494-01	BP026059.D	03 Nov 2025 15:32	RC/JU	Ok
9	Q3495-02	BP026060.D	03 Nov 2025 16:13	RC/JU	Ok
10	Q3495-02MS	BP026061.D	03 Nov 2025 16:54	RC/JU	Ok
11	Q3495-02MSD	BP026062.D	03 Nov 2025 17:35	RC/JU	Ok,M
12	Q3519-01	BP026063.D	03 Nov 2025 18:16	RC/JU	Ok,M
13	Q3519-01MS	BP026064.D	03 Nov 2025 18:57	RC/JU	Ok,M
14	Q3519-01MSD	BP026065.D	03 Nov 2025 19:39	RC/JU	Ok
15	Q3515-01	BP026066.D	03 Nov 2025 20:20	RC/JU	Dilution
16	Q3520-01	BP026067.D	03 Nov 2025 21:01	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064653.D	31 Oct 2025 12:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064654.D	31 Oct 2025 13:24		RC/JU	Ok
3	PB170342BL	PB170342BL	BG064655.D	31 Oct 2025 14:04	Analyzed for contamination check	RC/JU	Not Ok
4	Q3447-08	P001-TW4-251023-01	BG064656.D	31 Oct 2025 14:50		RC/JU	Ok
5	Q3497-01	OK-01-103025	BG064657.D	31 Oct 2025 15:31		RC/JU	Ok
6	Q3504-01	72-11986	BG064658.D	31 Oct 2025 16:12		RC/JU	Ok
7	Q3496-01	DRILL-CUTTINGS	BG064659.D	31 Oct 2025 16:54		RC/JU	Ok
8	Q3477-03	SOUTH-MAHWAH-WA	BG064660.D	31 Oct 2025 17:35		RC/JU	Ok
9	Q3495-01	SB-1025-1	BG064661.D	31 Oct 2025 18:16		RC/JU	Ok
10	Q3495-03	TW-1025-1	BG064662.D	31 Oct 2025 18:57		RC/JU	Ok
11	Q3503-05	324	BG064663.D	31 Oct 2025 19:38		RC/JU	Ok
12	Q3503-01	322	BG064664.D	31 Oct 2025 20:19		RC/JU	Ok
13	Q3486-07	TP6	BG064665.D	31 Oct 2025 21:00		RC/JU	Ok,M
14	Q3486-03DL	TP4DL	BG064666.D	31 Oct 2025 21:41		RC/JU	Ok,M
15	Q3503-03	323	BG064667.D	31 Oct 2025 22:22		RC/JU	Ok
16	Q3501-01	461	BG064668.D	31 Oct 2025 23:04		RC/JU	Ok
17	Q3499-01	RBR251235	BG064669.D	31 Oct 2025 23:45		RC/JU	Ok

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3486-07DL	TP6DL	BG064670.D	1 Nov 2025 00:27	Not Required	RC/JU	Not Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM		
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM		
SubDirectory	BP110325	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026052.D	03 Nov 2025 10:08		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026053.D	03 Nov 2025 11:06		RC/JU	Ok
3	PB170342BL	PB170342BL	BP026054.D	03 Nov 2025 11:47		RC/JU	Ok
4	PB170342BS	PB170342BS	BP026055.D	03 Nov 2025 12:29		RC/JU	Ok,M
5	PB170346BL	PB170346BL	BP026056.D	03 Nov 2025 13:21		RC/JU	Ok
6	PB170346BS	PB170346BS	BP026057.D	03 Nov 2025 14:03		RC/JU	Ok,M
7	PB170346BSD	PB170346BSD	BP026058.D	03 Nov 2025 14:44		RC/JU	Ok,M
8	Q3494-01	MW3	BP026059.D	03 Nov 2025 15:32		RC/JU	Ok
9	Q3495-02	SB-1025-2	BP026060.D	03 Nov 2025 16:13		RC/JU	Ok
10	Q3495-02MS	SB-1025-2MS	BP026061.D	03 Nov 2025 16:54		RC/JU	Ok
11	Q3495-02MSD	SB-1025-2MSD	BP026062.D	03 Nov 2025 17:35		RC/JU	Ok,M
12	Q3519-01	PL-01-103125	BP026063.D	03 Nov 2025 18:16		RC/JU	Ok,M
13	Q3519-01MS	PL-01-103125MS	BP026064.D	03 Nov 2025 18:57		RC/JU	Ok,M
14	Q3519-01MSD	PL-01-103125MSD	BP026065.D	03 Nov 2025 19:39		RC/JU	Ok
15	Q3515-01	SU-04-103125	BP026066.D	03 Nov 2025 20:20	Need further 2X dilution	RC/JU	Dilution
16	Q3520-01	EO-02-103125	BP026067.D	03 Nov 2025 21:01	Analyze with a lower DF	RC/JU	Not Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170342

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:45
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q3500-01,Q3501-01 & Q3502-01 used Limited volume as samples are oil & Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (Ext-lab)	JG / SVOC
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170342

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170342BL	SBLK342	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U2-1
PB170342BS	SLCS342	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3495-01	SB-1025-1	SVOC-PAH	30.06	N/A	ritesh	Evelyn	1	B		3
Q3495-02	SB-1025-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		4
Q3495-02MS	SB-1025-2MS	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		5
Q3495-02MSD	SB-1025-2MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q3496-01	DRILL-CUTTINGS	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		U3-1
Q3497-01	OK-01-103025	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3499-01	RBR251235	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		3
Q3501-01	461	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris	4
Q3503-01	322	SVOC-TCL BNA -20	5.06	N/A	ritesh	Evelyn	1	E	Oily Debris	5
Q3503-03	323	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E	Small Particles	6
Q3503-05	324	SVOC-TCL BNA -20	5.07	N/A	ritesh	Evelyn	1	E	Oily Debris	U4-1
Q3504-01	72-11986	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2

RS
10/31

* **Extracts relinquished on the same date as received.**

Q3495 9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3497 **WorkList ID :** 192812 **Department :** Extraction **Date :** 10-31-2025 08:26:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-01	SB-1025-1	Solid	SVOC-PAH	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3495-02	SB-1025-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3496-01	DRILL-CUTTINGS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3497-01	OK-01-103025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/30/2025	8270E
Q3499-01	RBR251235	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3501-01	461	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-01	322	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-03	323	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-05	324	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3504-01	72-11986	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E

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Date/Time 10/31/25 9:25
Raw Sample Received by: RJ (ETA-Lab)
Raw Sample Relinquished by: [signature] (Lab)

Date/Time 10/31/25 9:50
Raw Sample Received by: [signature] (Lab)
Raw Sample Relinquished by: RJ (ETA-Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170346

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Water			**Extraction Start Time :**	08:30
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/31/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (EH Lab)	JQ/SVOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170346

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170346BL	SBLK346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170346BS	SLCS346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170346BSD	SLCSD346	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3477-03	SOUTH-MAHWAH-WATER	SVOC-TCL BNA -20	980	6	RUPESH	ritesh	1	R		4
Q3494-01	MW3	SVOCMS Group2	970	6	RUPESH	ritesh	1	C		5
Q3495-03	TW-1025-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	E		6

RS
10/31

* **Extracts relinquished on the same date as received.**

Q3495 Q3034b 8:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3494 **WorkList ID :** 192821 **Department :** Extraction **Date :** 10-31-2025 08:23:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3477-03	SOUTH-MAHWAH-WATER	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/28/2025	8270E
Q3494-01	MW3	Water	SVOCMS Group2	Cool 4 deg C	GENV01	J31	10/29/2025	8270E
Q3495-03	TW-1025-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E

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Date/Time 10/31/25 8:25
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/31/25 9:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RS (Ext Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-01	**SB-1025-1**	**SOIL**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20			10/31/25	10/31/25	
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20	8270E		10/31/25	11/03/25	
Q3495-03	**TW-1025-1**	**Water**			**10/27/25**			**10/29/25**
			SVOC-TCL BNA -20	8270E		10/31/25	10/31/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	76.2
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	29.7	U	1	29.7	220	ug/Kg	10/31/25 18:16	PB170342
208-96-8	Acenaphthylene	37.9	U	1	37.9	220	ug/Kg	10/31/25 18:16	PB170342
83-32-9	Acenaphthene	27.9	U	1	27.9	220	ug/Kg	10/31/25 18:16	PB170342
86-73-7	Fluorene	33.1	U	1	33.1	220	ug/Kg	10/31/25 18:16	PB170342
85-01-8	Phenanthrene	27.4	U	1	27.4	220	ug/Kg	10/31/25 18:16	PB170342
120-12-7	Anthracene	43.6	U	1	43.6	220	ug/Kg	10/31/25 18:16	PB170342
206-44-0	Fluoranthene	39.3	U	1	39.3	220	ug/Kg	10/31/25 18:16	PB170342
129-00-0	Pyrene	47.1	U	1	47.1	220	ug/Kg	10/31/25 18:16	PB170342
56-55-3	Benzo(a)anthracene	30.1	U	1	30.1	220	ug/Kg	10/31/25 18:16	PB170342
218-01-9	Chrysene	26.1	U	1	26.1	220	ug/Kg	10/31/25 18:16	PB170342
205-99-2	Benzo(b)fluoranthene	24.9	U	1	24.9	220	ug/Kg	10/31/25 18:16	PB170342
207-08-9	Benzo(k)fluoranthene	29.3	U	1	29.3	220	ug/Kg	10/31/25 18:16	PB170342
50-32-8	Benzo(a)pyrene	38.6	U	1	38.6	220	ug/Kg	10/31/25 18:16	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	38.1	U	1	38.1	220	ug/Kg	10/31/25 18:16	PB170342
53-70-3	Dibenzo(a,h)anthracene	35.9	U	1	35.9	220	ug/Kg	10/31/25 18:16	PB170342
191-24-2	Benzo(g,h,i)perylene	33.7	U	1	33.7	220	ug/Kg	10/31/25 18:16	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	39.5			18 - 107	39%	SPK: 100		
321-60-8	2-Fluorobiphenyl	35.9			20 - 109	36%	SPK: 100		
1718-51-0	Terphenyl-d14	33.9			10 - 105	34%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	34700							
1146-65-2	Naphthalene-d8	150000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	257000							
1719-03-5	Chrysene-d12	284000							
1520-96-3	Perylene-d12	312000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170342BL	PB170342BL	Nitrobenzene-d5	100	86.0	86		18	107
		2-Fluorobiphenyl	100	82.9	83		20	109
		Terphenyl-d14	100	85.3	85		10	105
PB170342BS	PB170342BS	Nitrobenzene-d5	100	79.2	79		18	107
		2-Fluorobiphenyl	100	76.7	77		20	109
		Terphenyl-d14	100	80.8	81		10	105
Q3495-01	SB-1025-1	Nitrobenzene-d5	100	39.5	39		18	107
		2-Fluorobiphenyl	100	35.9	36		20	109
		Terphenyl-d14	100	33.9	34		10	105
Q3495-02MS	SB-1025-2MS	Nitrobenzene-d5	100	49.0	49		18	107
		2-Fluorobiphenyl	100	43.1	43		20	109
		Terphenyl-d14	100	43.2	43		10	105
Q3495-02MSD	SB-1025-2MSD	Nitrobenzene-d5	100	46.1	46		18	107
		2-Fluorobiphenyl	100	40.7	41		20	109
		Terphenyl-d14	100	42.9	43		10	105

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MS		**Client Sample ID: SB-1025-2MS**									
Naphthalene	2200	0	2000	ug/Kg	91				51	121	
Acenaphthylene	2200	0	2300	ug/Kg	105				57	125	
Acenaphthene	2200	0	1900	ug/Kg	86				70	121	
Fluorene	2200	0	2000	ug/Kg	91				53	118	
Phenanthrene	2200	0	2000	ug/Kg	91				52	128	
Anthracene	2200	0	2100	ug/Kg	95				62	124	
Fluoranthene	2200	0	2100	ug/Kg	95				44	125	
Pyrene	2200	0	1900	ug/Kg	86				37	122	
Benzo(a)anthracene	2200	0	2100	ug/Kg	95				53	119	
Chrysene	2200	0	2100	ug/Kg	95				57	121	
Benzo(b)fluoranthene	2200	0	2100	ug/Kg	95				52	117	
Benzo(k)fluoranthene	2200	0	2100	ug/Kg	95				57	134	
Benzo(a)pyrene	2200	0	2200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	2200	0	2200	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	2200	0	2200	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	2200	0	2200	ug/Kg	100				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** SW8270E

Client: Remington & Vernick Engineers **DataFile:** BP026062.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3495-02MSD		**Client Sample ID: SB-1025-2MSD**									
Naphthalene	2200	0	1900	ug/Kg	86		6		51	121	20
Acenaphthylene	2200	0	2200	ug/Kg	100		5		57	125	20
Acenaphthene	2200	0	1800	ug/Kg	82		5		70	121	20
Fluorene	2200	0	1900	ug/Kg	86		6		53	118	20
Phenanthrene	2200	0	1900	ug/Kg	86		6		52	128	20
Anthracene	2200	0	1900	ug/Kg	86		10		62	124	20
Fluoranthene	2200	0	1900	ug/Kg	86		10		44	125	20
Pyrene	2200	0	2000	ug/Kg	91		6		37	122	20
Benzo(a)anthracene	2200	0	1900	ug/Kg	86		10		53	119	20
Chrysene	2200	0	1900	ug/Kg	86		10		57	121	20
Benzo(b)fluoranthene	2200	0	1900	ug/Kg	86		10		52	117	20
Benzo(k)fluoranthene	2200	0	1900	ug/Kg	86		10		57	134	20
Benzo(a)pyrene	2200	0	2100	ug/Kg	95		5		70	142	20
Indeno(1,2,3-cd)pyrene	2200	0	2000	ug/Kg	91		9		40	129	20
Dibenz(a,h)anthracene	2200	0	2000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	2200	0	2100	ug/Kg	95		5		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8270E

Client: Remington & Vernick Engineers **DataFile:** BP026055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170342BS	Naphthalene	1700	1300	ug/Kg	76				62	100	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	Acenaphthene	1700	1300	ug/Kg	76				57	104	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170342BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab File ID: BP026054.D | Lab Sample ID: PB170342BL

Instrument ID: BNA_P | Date Extracted: 10/31/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 11:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170342BS	PB170342BS	BP026055.D	11/03/2025
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025
SB-1025-1	Q3495-01	BG064661.D	10/31/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	86.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BG064653.D DFTPP Injection Date: 10/31/2025

Instrument ID: BNA_G DFTPP Injection Time: 12:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	81.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064654.D	10/31/2025	13:24
SB-1025-1	Q3495-01	BG064661.D	10/31/2025	18:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BP026027.D DFTPP Injection Date: 10/29/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	79.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab File ID: BP026052.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	80.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.1 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026053.D	11/03/2025	11:06
PB170342BL	PB170342BL	BP026054.D	11/03/2025	11:47
PB170342BS	PB170342BS	BP026055.D	11/03/2025	12:29
SB-1025-2MS	Q3495-02MS	BP026061.D	11/03/2025	16:54
SB-1025-2MSD	Q3495-02MSD	BP026062.D	11/03/2025	17:35

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	29760	8.216	121809	11.04	99146	14.84
	UPPER LIMIT	59520	8.716	243618	11.542	198292	15.338
	LOWER LIMIT	14880	7.716	60904.5	10.542	49573	14.338
	EPA SAMPLE NO.						
01	SB-1025-1	34654	8.22	149932	11.04	117242	14.84

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 10/31/2025

Lab File ID: BG064654.D Time Analyzed: 13:24

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	255812	17.576	303338	21.853	334065	25.196
	UPPER LIMIT	511624	18.076	606676	22.353	668130	25.696
	LOWER LIMIT	127906	17.076	151669	21.353	167033	24.696
	EPA SAMPLE NO.						
01	SB-1025-1	256901	17.58	284288	21.85	312271	25.20

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	297452	7.649	1230690	10.43	771148	14.30
	UPPER LIMIT	594904	8.149	2461380	10.925	1542300	14.801
	LOWER LIMIT	148726	7.149	615345	9.925	385574	13.801
	EPA SAMPLE NO.						
01	PB170342BL	336600	7.68	1298620	10.45	793578	14.31
02	PB170342BS	329449	7.68	1315440	10.45	832110	14.32
03	SB-1025-2MS	230344	7.68	913499	10.45	573692	14.32
04	SB-1025-2MSD	345956	7.68	1339140	10.45	838184	14.32

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3495

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BP026053.D Time Analyzed: 11:06

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1552560	17.125	1613820	21.572	1763250	24.877
	UPPER LIMIT	3105120	17.625	3227640	22.072	3526500	25.377
	LOWER LIMIT	776280	16.625	806910	21.072	881625	24.377
	EPA SAMPLE NO.						
01	PB170342BL	1683390	17.12	1852670	21.56	2010350	24.88
02	PB170342BS	1709090	17.12	1770070	21.57	1828890	24.88
03	SB-1025-2MS	1154140	17.13	1320580	21.58	1554010	24.89
04	SB-1025-2MSD	1700830	17.13	1741310	21.58	1964580	24.90

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

QC SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BL			SDG No.:	Q3495
Lab Sample ID:	PB170342BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/03/25 11:47	PB170342
208-96-8	Acenaphthylene	28.9	U	1	28.9	170	ug/Kg	11/03/25 11:47	PB170342
83-32-9	Acenaphthene	21.3	U	1	21.3	170	ug/Kg	11/03/25 11:47	PB170342
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/03/25 11:47	PB170342
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/03/25 11:47	PB170342
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/03/25 11:47	PB170342
206-44-0	Fluoranthene	30.0	U	1	30.0	170	ug/Kg	11/03/25 11:47	PB170342
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/03/25 11:47	PB170342
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/03/25 11:47	PB170342
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/03/25 11:47	PB170342
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/03/25 11:47	PB170342
207-08-9	Benzo(k)fluoranthene	22.4	U	1	22.4	170	ug/Kg	11/03/25 11:47	PB170342
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/03/25 11:47	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/03/25 11:47	PB170342
53-70-3	Dibenzo(a,h)anthracene	27.4	U	1	27.4	170	ug/Kg	11/03/25 11:47	PB170342
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/03/25 11:47	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.0			18 - 107	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.9			20 - 109	83%	SPK: 100		
1718-51-0	Terphenyl-d14	85.3			10 - 105	85%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	337000							
1146-65-2	Naphthalene-d8	1300000							
15067-26-2	Acenaphthene-d10	794000							
1517-22-2	Phenanthrene-d10	1680000							
1719-03-5	Chrysene-d12	1850000							
1520-96-3	Perylene-d12	2010000							

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170342BS			SDG No.:	Q3495
Lab Sample ID:	PB170342BS			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541	Prep Date:	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1300		1	22.7	170	ug/Kg	11/03/25 12:29	PB170342
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	11/03/25 12:29	PB170342
83-32-9	Acenaphthene	1300		1	21.3	170	ug/Kg	11/03/25 12:29	PB170342
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	11/03/25 12:29	PB170342
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	11/03/25 12:29	PB170342
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	11/03/25 12:29	PB170342
206-44-0	Fluoranthene	1400		1	30.0	170	ug/Kg	11/03/25 12:29	PB170342
129-00-0	Pyrene	1400		1	36.0	170	ug/Kg	11/03/25 12:29	PB170342
56-55-3	Benzo(a)anthracene	1400		1	23.0	170	ug/Kg	11/03/25 12:29	PB170342
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	11/03/25 12:29	PB170342
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	11/03/25 12:29	PB170342
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	170	ug/Kg	11/03/25 12:29	PB170342
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	11/03/25 12:29	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	11/03/25 12:29	PB170342
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	11/03/25 12:29	PB170342
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	11/03/25 12:29	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	79.2			18 - 107	79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	76.7			20 - 109	77%	SPK: 100		
1718-51-0	Terphenyl-d14	80.8			10 - 105	81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	329000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	832000							
1517-22-2	Phenanthrene-d10	1710000							
1719-03-5	Chrysene-d12	1770000							
1520-96-3	Perylene-d12	1830000							

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.04 g Final Vol: 1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	2000		1	30.2	230	ug/Kg	11/03/25 16:54	PB170342
208-96-8	Acenaphthylene	2300		1	38.4	230	ug/Kg	11/03/25 16:54	PB170342
83-32-9	Acenaphthene	1900		1	28.3	230	ug/Kg	11/03/25 16:54	PB170342
86-73-7	Fluorene	2000		1	33.6	230	ug/Kg	11/03/25 16:54	PB170342
85-01-8	Phenanthrene	2000		1	27.8	230	ug/Kg	11/03/25 16:54	PB170342
120-12-7	Anthracene	2100		1	44.3	230	ug/Kg	11/03/25 16:54	PB170342
206-44-0	Fluoranthene	2100		1	39.9	230	ug/Kg	11/03/25 16:54	PB170342
129-00-0	Pyrene	1900		1	47.9	230	ug/Kg	11/03/25 16:54	PB170342
56-55-3	Benzo(a)anthracene	2100		1	30.6	230	ug/Kg	11/03/25 16:54	PB170342
218-01-9	Chrysene	2100		1	26.5	230	ug/Kg	11/03/25 16:54	PB170342
205-99-2	Benzo(b)fluoranthene	2100		1	25.3	230	ug/Kg	11/03/25 16:54	PB170342
207-08-9	Benzo(k)fluoranthene	2100		1	29.8	230	ug/Kg	11/03/25 16:54	PB170342
50-32-8	Benzo(a)pyrene	2200		1	39.2	230	ug/Kg	11/03/25 16:54	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2200		1	38.7	230	ug/Kg	11/03/25 16:54	PB170342
53-70-3	Dibenzo(a,h)anthracene	2200		1	36.4	230	ug/Kg	11/03/25 16:54	PB170342
191-24-2	Benzo(g,h,i)perylene	2200		1	34.2	230	ug/Kg	11/03/25 16:54	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	49.0			18 - 107	49%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.1			20 - 109	43%	SPK: 100		
1718-51-0	Terphenyl-d14	43.2			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	230000							
1146-65-2	Naphthalene-d8	913000							
15067-26-2	Acenaphthene-d10	574000							
1517-22-2	Phenanthrene-d10	1150000							
1719-03-5	Chrysene-d12	1320000							
1520-96-3	Perylene-d12	1550000							

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	75.1
Sample Wt/Vol:	30.05 g Final Vol: 1000 uL	Test:	SVOC-PAH
Prep Method :	SW3541 Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1900		1	30.2	230	ug/Kg	11/03/25 17:35	PB170342
208-96-8	Acenaphthylene	2200		1	38.4	230	ug/Kg	11/03/25 17:35	PB170342
83-32-9	Acenaphthene	1800		1	28.3	230	ug/Kg	11/03/25 17:35	PB170342
86-73-7	Fluorene	1900		1	33.6	230	ug/Kg	11/03/25 17:35	PB170342
85-01-8	Phenanthrene	1900		1	27.8	230	ug/Kg	11/03/25 17:35	PB170342
120-12-7	Anthracene	1900		1	44.3	230	ug/Kg	11/03/25 17:35	PB170342
206-44-0	Fluoranthene	1900		1	39.9	230	ug/Kg	11/03/25 17:35	PB170342
129-00-0	Pyrene	2000		1	47.9	230	ug/Kg	11/03/25 17:35	PB170342
56-55-3	Benzo(a)anthracene	1900		1	30.6	230	ug/Kg	11/03/25 17:35	PB170342
218-01-9	Chrysene	1900		1	26.5	230	ug/Kg	11/03/25 17:35	PB170342
205-99-2	Benzo(b)fluoranthene	1900		1	25.3	230	ug/Kg	11/03/25 17:35	PB170342
207-08-9	Benzo(k)fluoranthene	1900		1	29.8	230	ug/Kg	11/03/25 17:35	PB170342
50-32-8	Benzo(a)pyrene	2100		1	39.2	230	ug/Kg	11/03/25 17:35	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	2000		1	38.7	230	ug/Kg	11/03/25 17:35	PB170342
53-70-3	Dibenzo(a,h)anthracene	2000		1	36.4	230	ug/Kg	11/03/25 17:35	PB170342
191-24-2	Benzo(g,h,i)perylene	2100		1	34.2	230	ug/Kg	11/03/25 17:35	PB170342
SURROGATES									
4165-60-0	Nitrobenzene-d5	46.1			18 - 107	46%	SPK: 100		
321-60-8	2-Fluorobiphenyl	40.7			20 - 109	41%	SPK: 100		
1718-51-0	Terphenyl-d14	42.9			10 - 105	43%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1340000							
15067-26-2	Acenaphthene-d10	838000							
1517-22-2	Phenanthrene-d10	1700000							
1719-03-5	Chrysene-d12	1740000							
1520-96-3	Perylene-d12	1960000							

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CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Nov 03 18:16:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		1.307	1.409	1.292	1.383	1.273	1.443	1.198	1.329	6.47
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		1.103	1.225	1.178	1.273	1.159	1.345	1.120	1.201	7.22
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.297	0.343	0.290	0.297	11.93
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.142	0.164	0.223	0.215	0.260	0.237	0.207	21.74
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.798	0.849	0.776	0.853	0.752	0.878	0.735	0.806	6.85

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.080	1.162	1.089	1.213	1.078	1.280	1.092	1.142	6.95

(#) = Out of Range

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP0260
35.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	ISTD									
2)		1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57
3)		Pyridine		1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69
4)		n-Nitrosodimet...			0.601	0.591	0.584	0.522	0.611	0.584	0.582	5.39
5)	S	2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44
6)		Aniline		1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76
7)	S	Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77
8)		2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97
9)		Benzaldehyde			0.856	0.937	0.809	0.670	0.796	0.744	0.802	11.45
10)	C	Phenol		1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44
11)		bis(2-Chloroet...		1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57
12)		1,3-Dichlorobe...		1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00
13)	C	1,4-Dichlorobe...		1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97
14)		1,2-Dichlorobe...		1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83
15)		Benzyl Alcohol			1.070	1.099	1.140	1.020	1.179	1.165	1.112	5.47
16)		2,2'-oxybis(1-...		1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75
17)		2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75
18)		Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49
19)	P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)		3+4-Methylphenols			1.521	1.557	1.613	1.430	1.646	1.595	1.560	4.96
21)	I	Naphthalene-d8	ISTD									
22)		Acetophenone		0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14
23)	S	Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34
24)		Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83
25)		Isophorone		0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03
26)	C	2-Nitrophenol		0.069	0.092	0.107	0.128	0.124			0.104	23.21
27)		2,4-Dimethylph...		0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90
28)		bis(2-Chloroet...		0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79
29)	C	2,4-Dichloroph...		0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75
30)		1,2,4-Trichlor...		0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52
31)		Naphthalene		1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28
32)		Benzoic acid			0.100	0.127	0.168	0.162	0.206	0.213	0.163	26.84
33)		4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80
34)	C	Hexachlorobuta...		0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70
35)		Caprolactam			0.099	0.103	0.113	0.099	0.116	0.112	0.107	6.98
36)	C	4-Chloro-3-met...		0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33
37)		2-Methylnaphth...		0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02
38)		1-Methylnaphth...		0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33
41)	P	Hexachlorocycl...		0.200	0.198	0.237	0.218	0.260	0.251	0.227	11.46
42)	S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19
43)	C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70
44)		2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90
45)	S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53
46)		1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36
47)		2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23
48)		2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95
49)		Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23
50)		Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81
51)		2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61
52)	C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77
53)		3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65
54)	P	2,4-Dinitrophenol		0.069	0.082	0.100	0.096	0.123	0.126	0.100	22.44
55)		Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94
56)	P	4-Nitrophenol		0.277	0.309	0.285	0.258	0.310	0.301	0.290	7.04
57)		2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95
58)		Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77
59)		2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67
60)		Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74
61)		4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29
62)		4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92
63)		Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.053	0.065	0.076	0.075	0.096	0.096	0.077	22.06
66)	c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80
67)		4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77
68)		Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53
69)		Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57
70)	C	Pentachlorophenol		0.126	0.143	0.161	0.148	0.178	0.170	0.154	12.39
71)		Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12
72)		Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09
73)		Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74
74)		Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57
75)	C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.411	0.508	0.517	0.451	0.598	0.560	0.508	13.50
78)		Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25
79)	S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77
80)		Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44
81)		Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97
82)		3,3'-Dichlorob...		0.390	0.424	0.462	0.416	0.497	0.467	0.443	8.87
83)		Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92
84)		Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27
85)	c	Di-n-octyl pht...		0.822	1.025	1.287	1.238	1.407	1.364	1.191	18.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.190	1.491	1.538	1.563	1.369	1.629	1.555	1.477	10.15
88)		Benzo(b)fluora...	1.074	1.277	1.278	1.306	1.149	1.345	1.262	1.242	7.67
89)		Benzo(k)fluora...	1.119	1.365	1.306	1.331	1.141	1.347	1.267	1.268	7.86
90)	C	Benzo(a)pyrene	0.941	1.169	1.171	1.210	1.054	1.253	1.186	1.141	9.38
91)		Dibenzo(a,h)an...	0.978	1.219	1.249	1.274	1.117	1.320	1.255	1.202	9.72
92)		Benzo(g,h,i)pe...	0.966	1.167	1.219	1.212	1.068	1.259	1.204	1.156	8.92

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_G Calibration Date/Time: 10/31/2025 13:24

Lab File ID: BG064654.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.264		6.0	
Phenol-d6	1.635	1.731		5.9	
Nitrobenzene-d5	0.333	0.422		26.7	
Naphthalene	1.109	1.162		4.8	
2-Fluorobiphenyl	1.319	1.388		5.2	
Acenaphthylene	1.693	1.769		4.5	
Acenaphthene	1.157	1.252		8.2	20.0
Fluorene	1.460	1.563		7.1	
2,4,6-Tribromophenol	0.289	0.369		27.7	
Phenanthrene	1.094	1.147		4.8	
Anthracene	1.113	1.152		3.5	
Fluoranthene	1.370	1.478		7.9	20.0
Pyrene	1.307	1.306		-0.1	
Terphenyl-d14	1.060	1.084		2.3	
Benzo(a)anthracene	1.326	1.407		6.1	
Chrysene	1.262	1.325		5.0	
Benzo(b)fluoranthene	1.226	1.288		5.1	
Benzo(k)fluoranthene	1.227	1.284		4.6	
Benzo(a)pyrene	1.127	1.181		4.8	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.539		4.6	
Dibenzo(a,h)anthracene	1.195	1.255		5.0	
Benzo(g,h,i)perylene	1.142	1.193		4.5	

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Instrument ID: BNA_P Calibration Date/Time: 11/03/2025 11:06

Lab File ID: BP026053.D Init. Calib. Date(s): 10/29/2025 10/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:26 14:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.217		0.4	
Phenol-d6	1.543	1.579		2.3	
Nitrobenzene-d5	0.321	0.336		4.7	
Naphthalene	1.091	1.101		0.9	
2-Fluorobiphenyl	1.392	1.389		-0.2	
Acenaphthylene	1.756	1.802		2.6	
Acenaphthene	1.206	1.235		2.4	20.0
Fluorene	1.427	1.458		2.2	
2,4,6-Tribromophenol	0.216	0.215		-0.5	
Phenanthrene	1.164	1.162		-0.2	
Anthracene	1.154	1.174		1.7	
Fluoranthene	1.358	1.380		1.6	20.0
Pyrene	1.353	1.388		2.6	
Terphenyl-d14	0.984	1.002		1.8	
Benzo(a)anthracene	1.374	1.402		2.0	
Chrysene	1.302	1.324		1.7	
Benzo(b)fluoranthene	1.242	1.277		2.8	
Benzo(k)fluoranthene	1.268	1.281		1.0	
Benzo(a)pyrene	1.141	1.181		3.5	20.0
Indeno(1,2,3-cd)pyrene	1.476	1.531		3.7	
Dibenzo(a,h)anthracene	1.202	1.240		3.2	
Benzo(g,h,i)perylene	1.156	1.186		2.6	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064661.D
Acq On : 31 Oct 2025 18:16
Operator : RC/JU
Sample : Q3495-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Quant Time: Oct 31 18:57:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

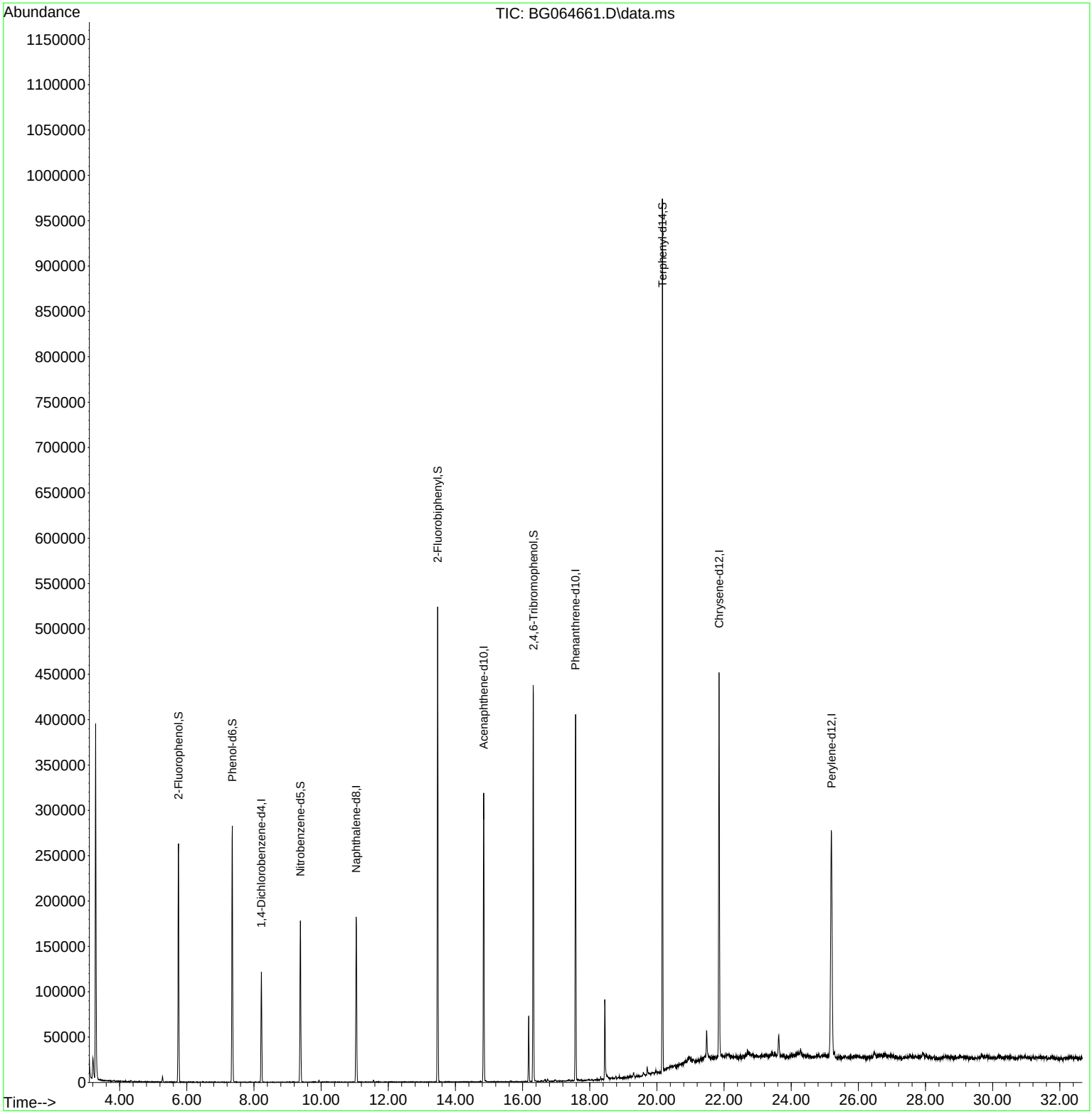
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	34654	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	149932	20.000	ng	0.00
39) Acenaphthene-d10	14.840	164	117242	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	256901	20.000	ng	0.00
76) Chrysene-d12	21.849	240	284288	20.000	ng	-0.01
86) Perylene-d12	25.198	264	312271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	106181	51.430	ng	0.00
7) Phenol-d6	7.354	99	153187	54.072	ng	0.00
23) Nitrobenzene-d5	9.381	82	98484	39.453	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	99084	58.555	ng	0.00
45) 2-Fluorobiphenyl	13.471	172	277463	35.871	ng	0.00
79) Terphenyl-d14	20.163	244	510907	33.915	ng	-0.01
Target Compounds						Qvalue

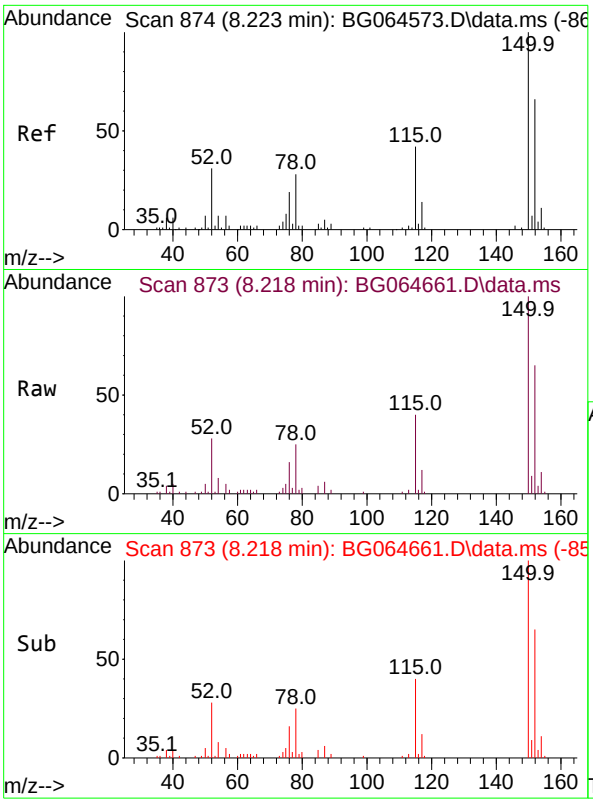
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064661.D
Acq On : 31 Oct 2025 18:16
Operator : RC/JU
Sample : Q3495-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Quant Time: Oct 31 18:57:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



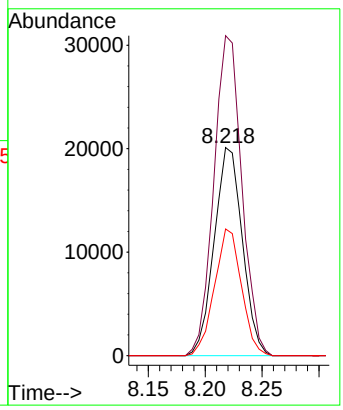


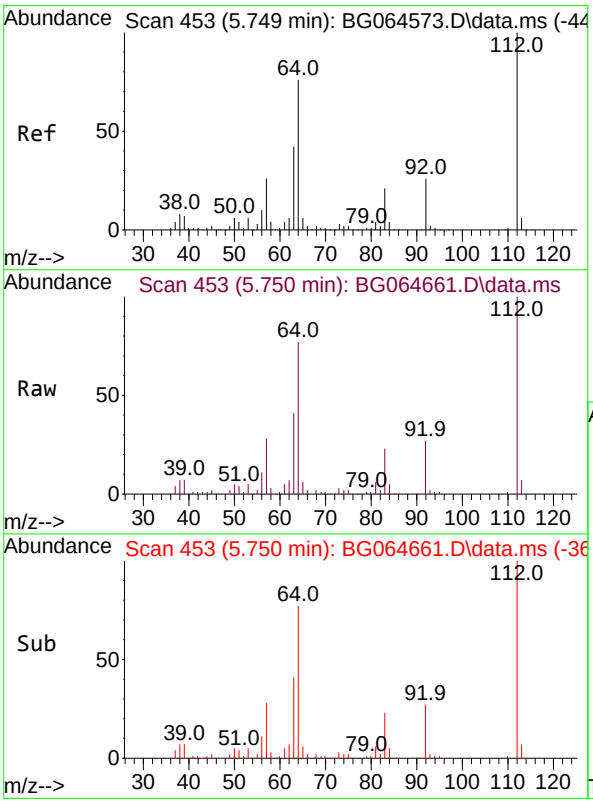
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion:152 Resp: 34654

Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.2	183.4
115	60.8	50.8	76.2

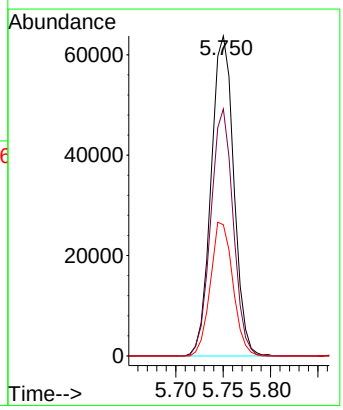


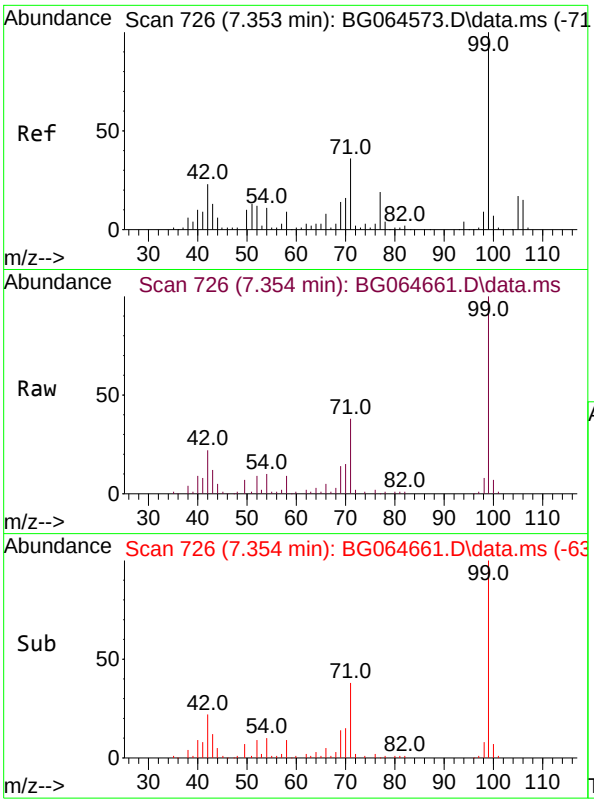


#5
2-Fluorophenol
Concen: 51.430 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:112 Resp: 106181

Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.7	91.1
63	41.0	33.4	50.0



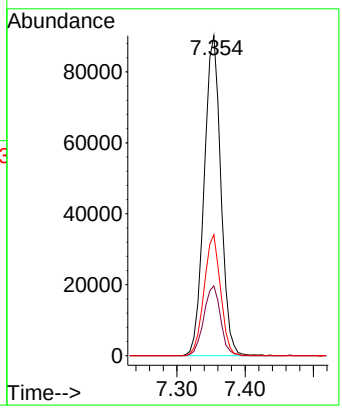


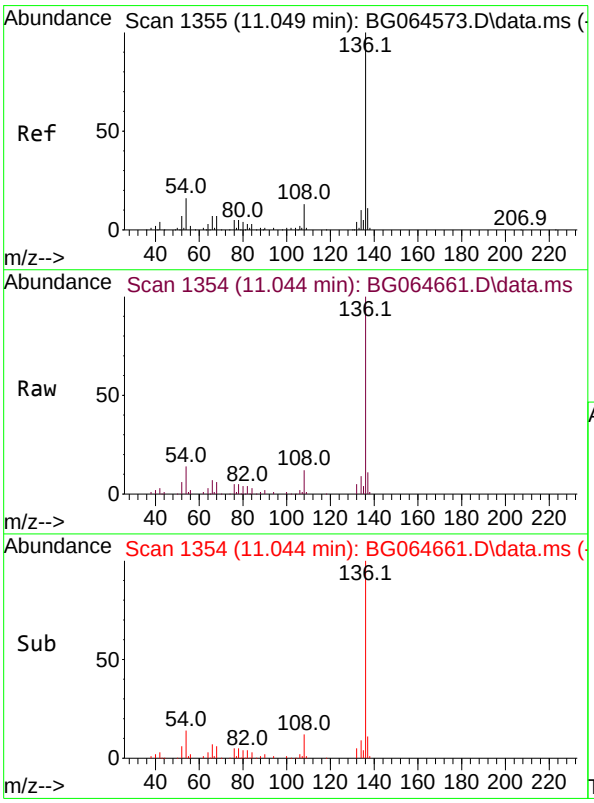
#7
Phenol-d6
Concen: 54.072 ng
RT: 7.354 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion: 99 Resp: 153187

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.3	27.5
71	37.8	28.6	43.0

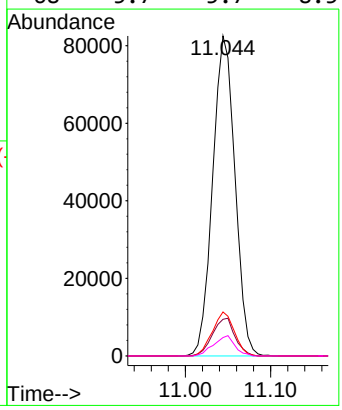


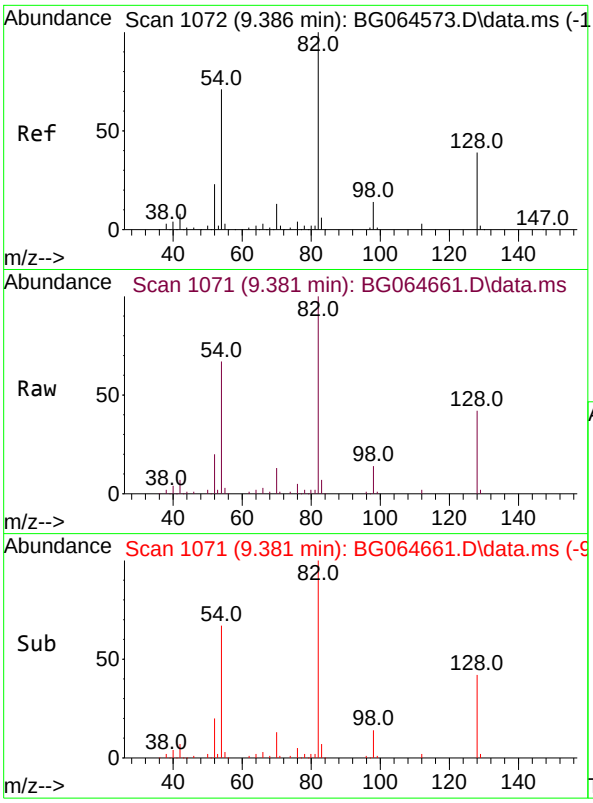


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.008 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:136 Resp: 149932

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	13.7	12.6	19.0
68	5.7	5.7	8.5



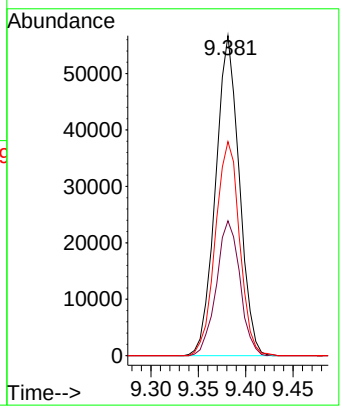


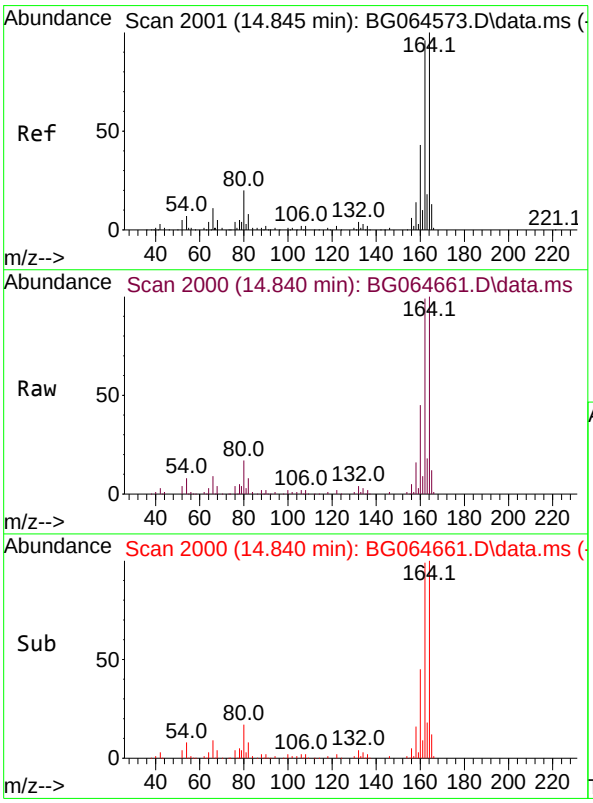
#23
Nitrobenzene-d5
Concen: 39.453 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion: 82 Resp: 98484

Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	66.9	56.6	84.8

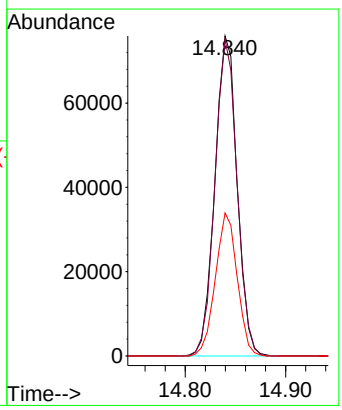


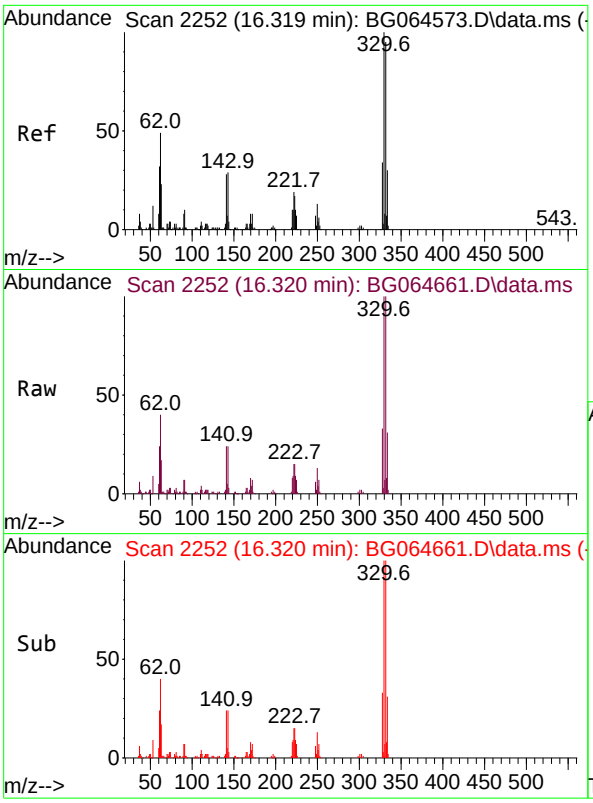


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:164 Resp: 117242

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.0	115.6
160	44.7	34.4	51.6



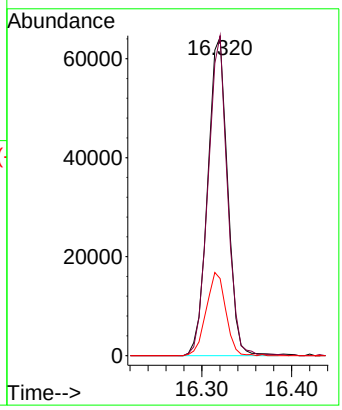


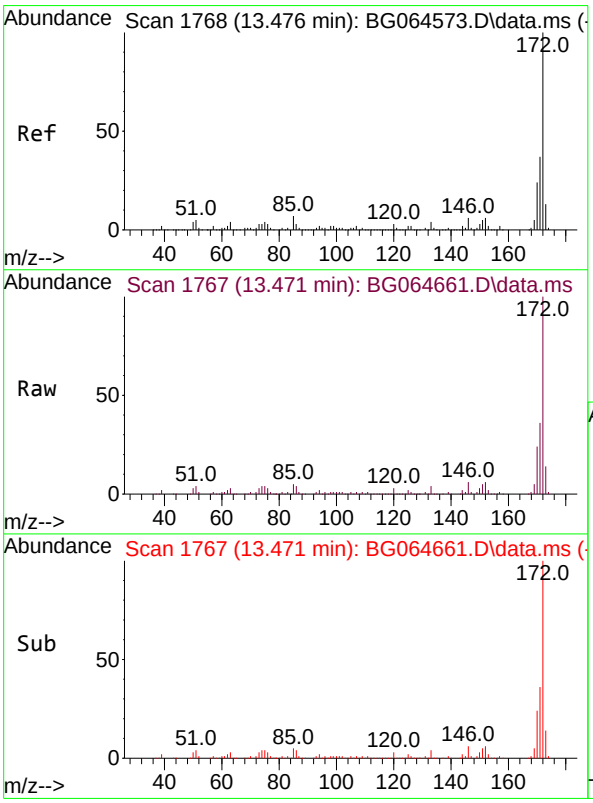
#42
2,4,6-Tribromophenol
Concen: 58.555 ng
RT: 16.320 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion:330 Resp: 99084

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	25.7	21.8	32.6

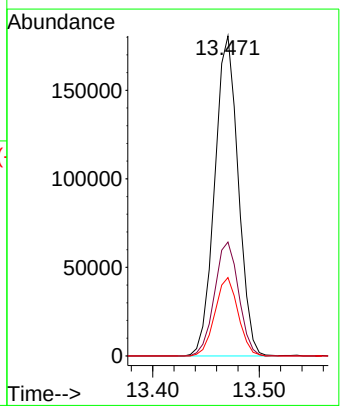


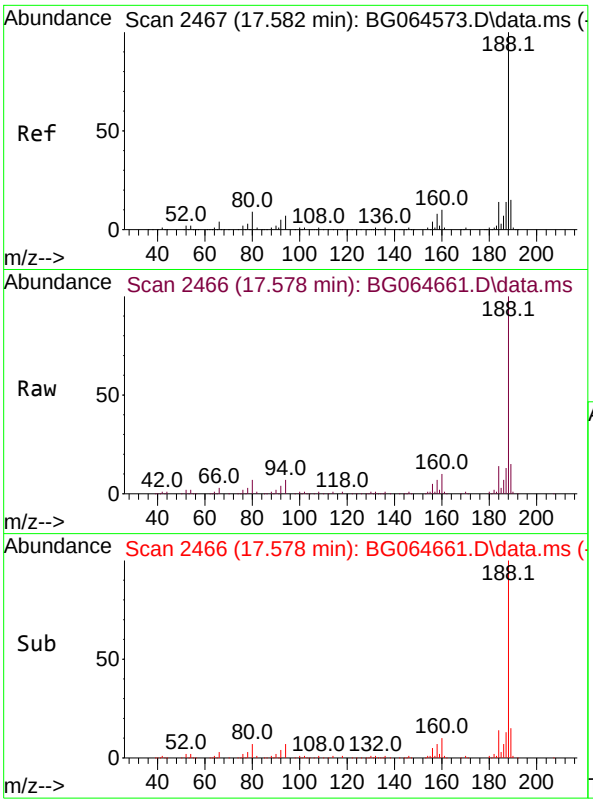


#45
2-Fluorobiphenyl
Concen: 35.871 ng
RT: 13.471 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:172 Resp: 277463

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.5	19.1	28.7



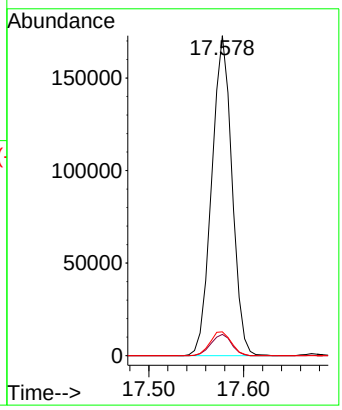


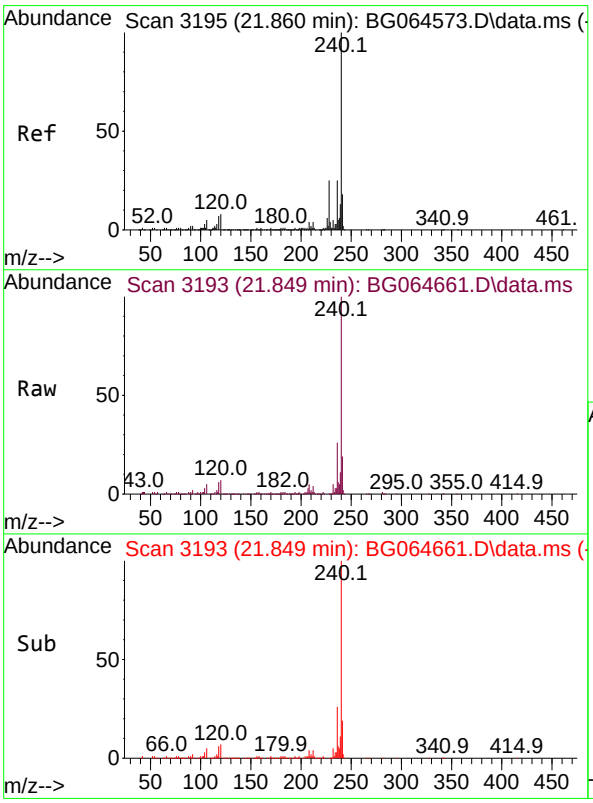
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.578 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion:188 Resp: 256901

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.7	8.5
80	7.4	6.8	10.2

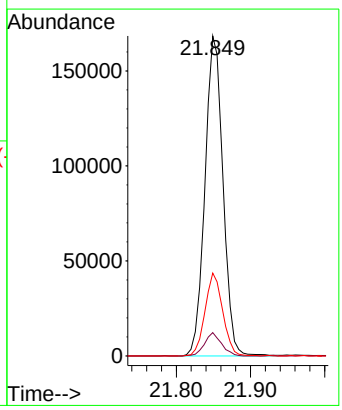


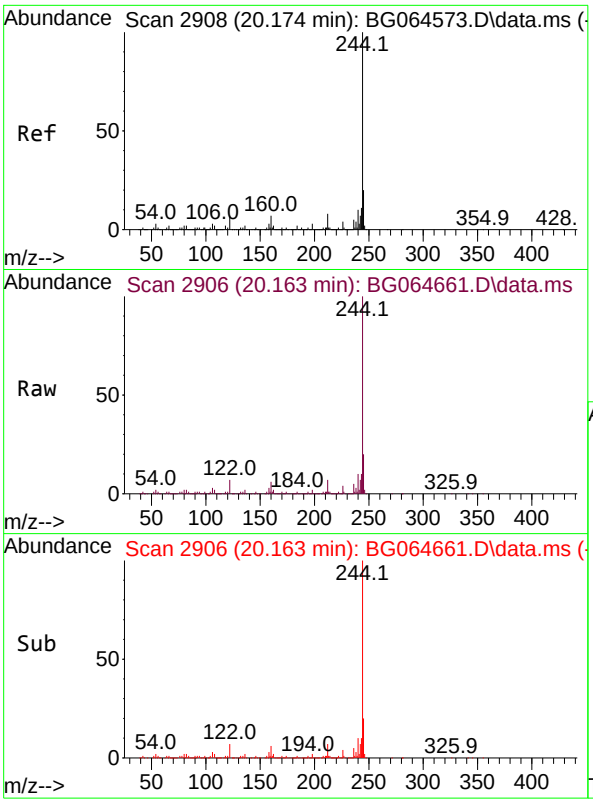


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.014 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:240 Resp: 284288

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.5	9.7
236	25.9	20.2	30.2



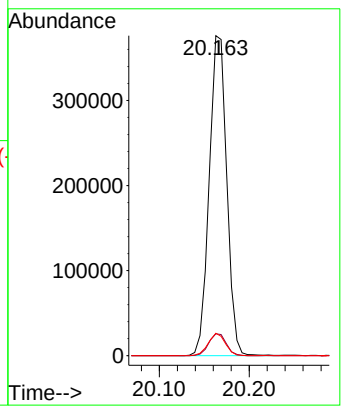


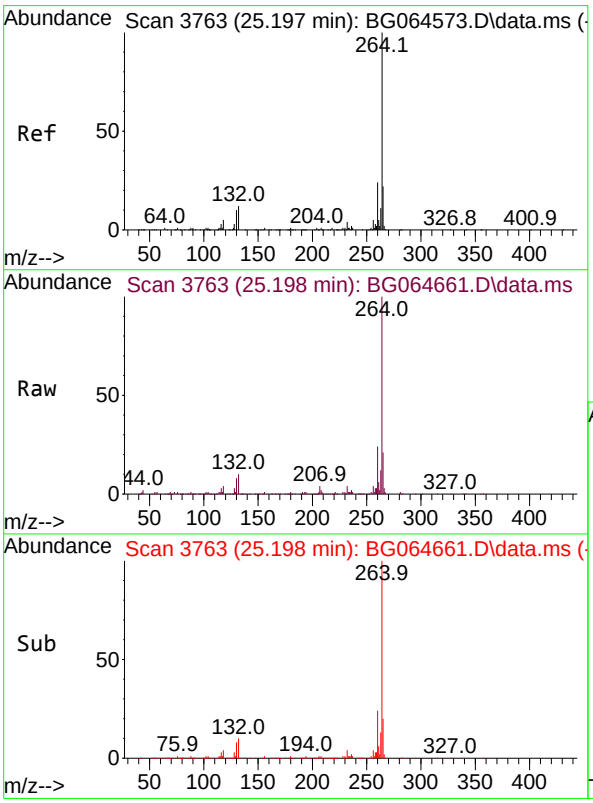
#79
Terphenyl-d14
Concen: 33.915 ng
RT: 20.163 min Scan# 29
Delta R.T. -0.014 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Instrument :
BNA_G
ClientSampleId :
SB-1025-1

Tgt Ion:244 Resp: 510907

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	7.0	5.6	8.4

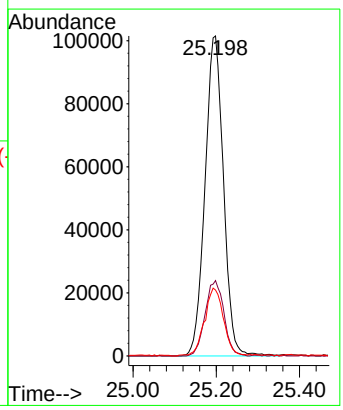




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3763
Delta R.T. -0.003 min
Lab File: BG064661.D
Acq: 31 Oct 2025 18:16

Tgt Ion:264 Resp: 312271

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.6	17.6	26.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

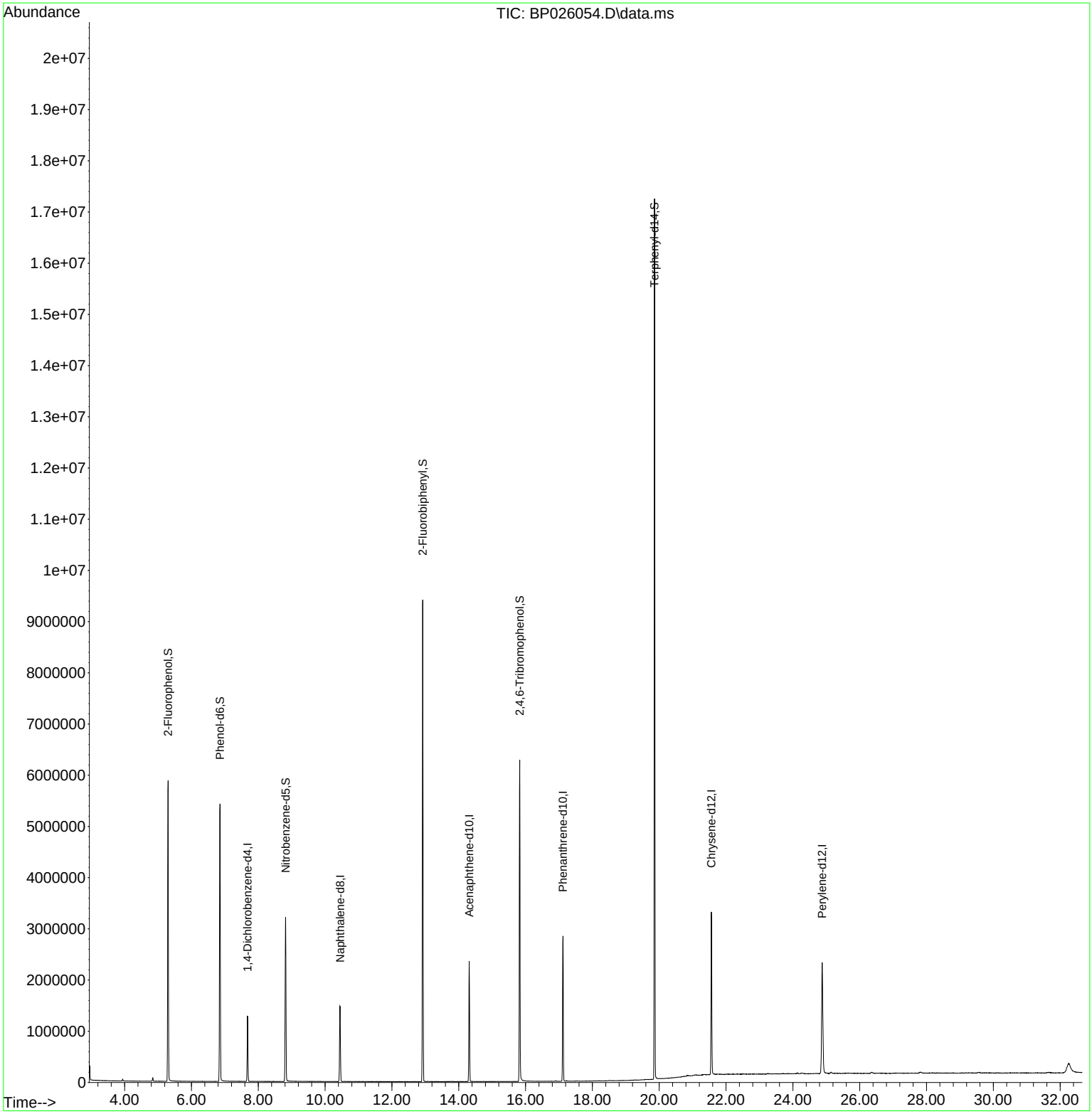
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	336600	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1298621	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	793578	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1683386	20.000	ng	0.00
76) Chrysene-d12	21.560	240	1852671	20.000	ng	0.00
86) Perylene-d12	24.877	264	2010353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2600508	127.483	ng	0.00
7) Phenol-d6	6.855	99	3164552	121.884	ng	0.00
23) Nitrobenzene-d5	8.819	82	1791159	85.984	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1090809	127.143	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4577987	82.893	ng	0.00
79) Terphenyl-d14	19.860	244	7774571	85.258	ng	0.00
Target Compounds						Qvalue

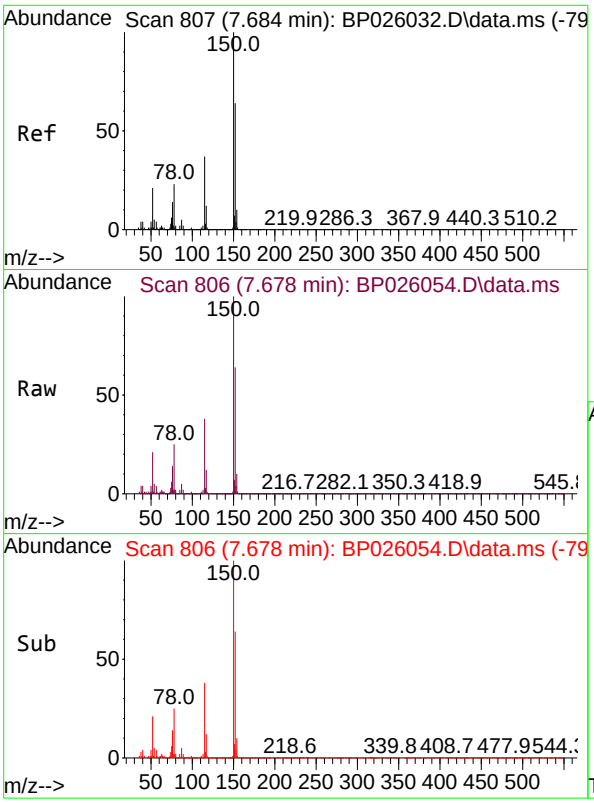
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026054.D
Acq On : 03 Nov 2025 11:47
Operator : RC/JU
Sample : PB170342BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Quant Time: Nov 03 12:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



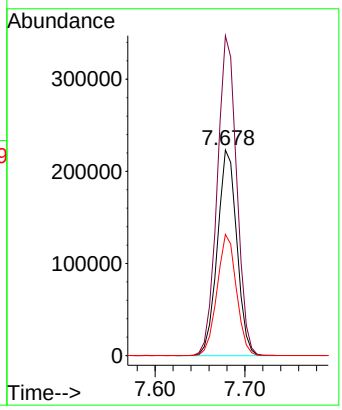


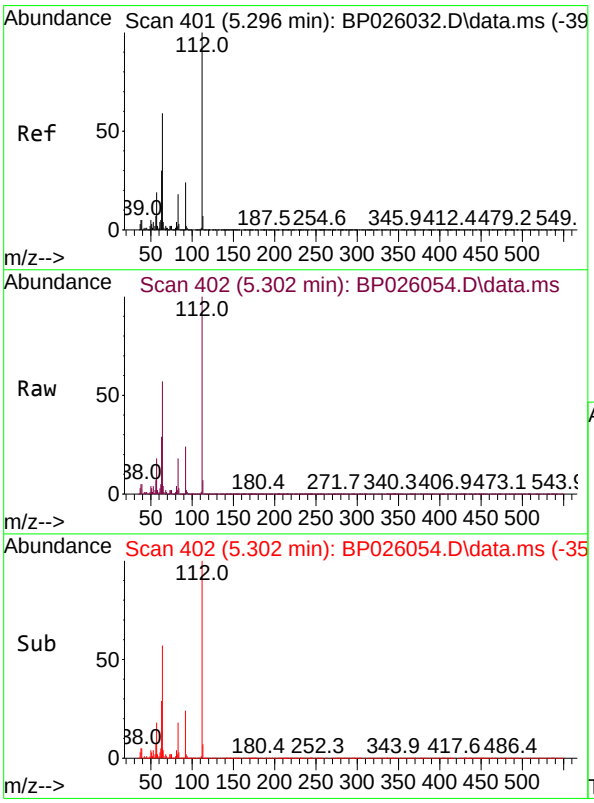
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:152 Resp: 336600

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	58.9	46.4	69.6

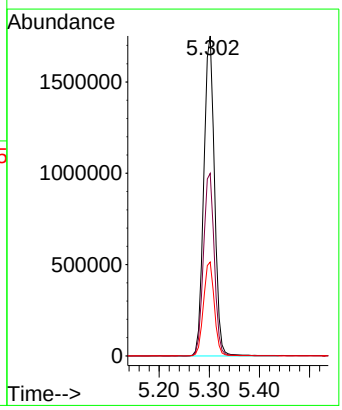


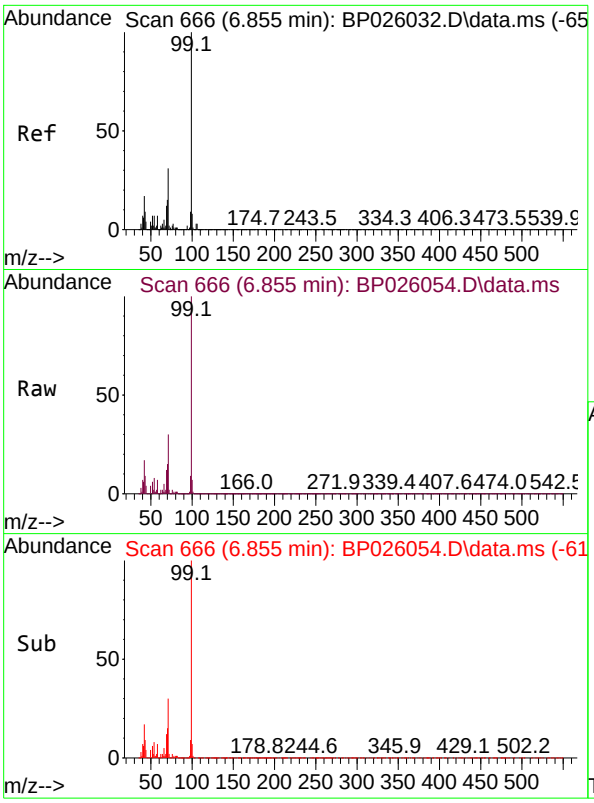


#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:112 Resp: 2600508

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.2
63	29.3	24.2	36.4



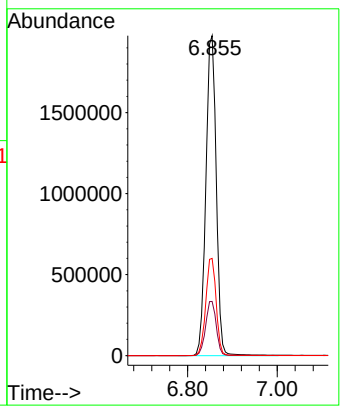


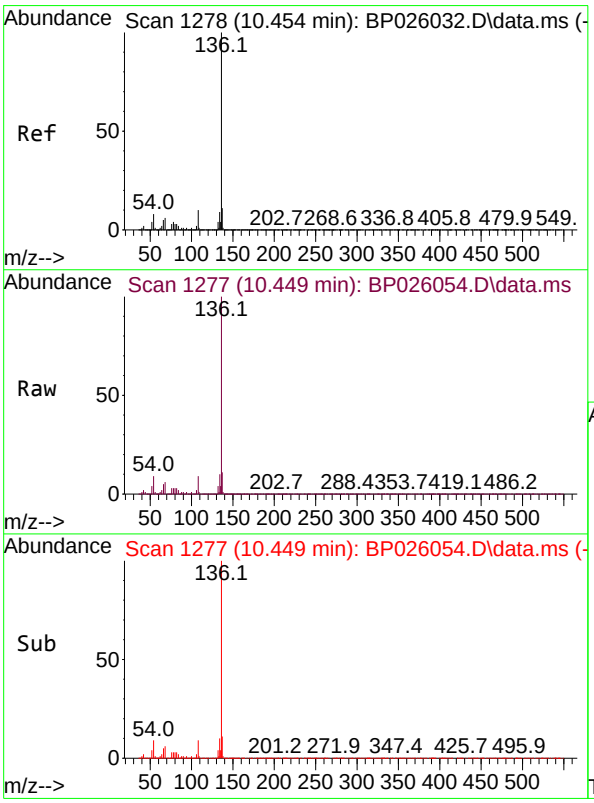
#7
Phenol-d6
Concen: 121.884 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 99 Resp: 3164552

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	30.4	24.4	36.6

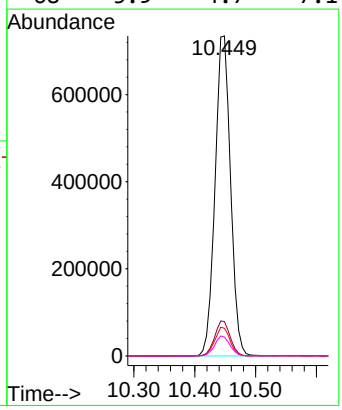


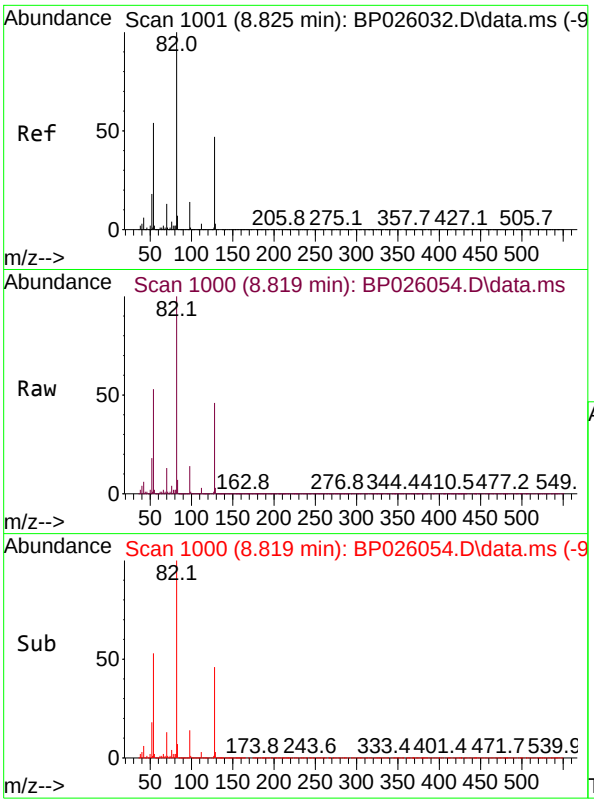


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:136 Resp: 1298621

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.6	6.6	10.0
68	5.9	4.7	7.1



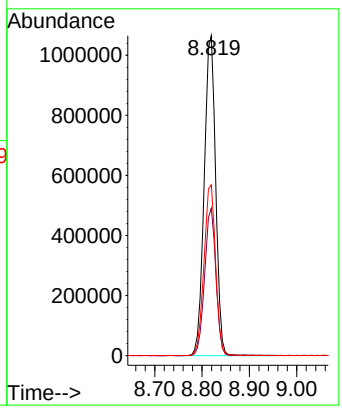


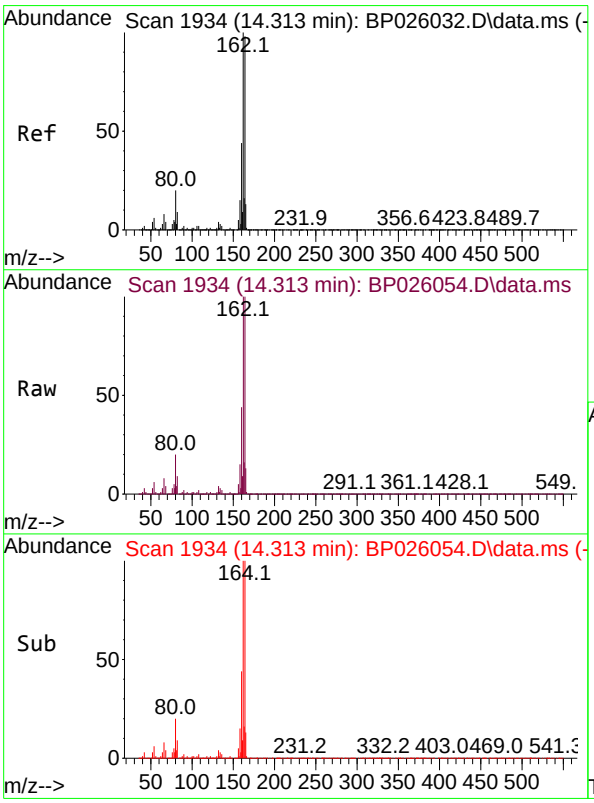
#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion: 82 Resp: 1791159

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.0
54	53.4	42.7	64.1

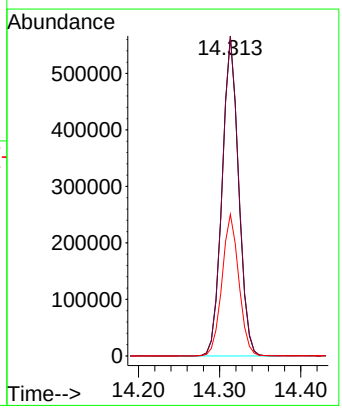


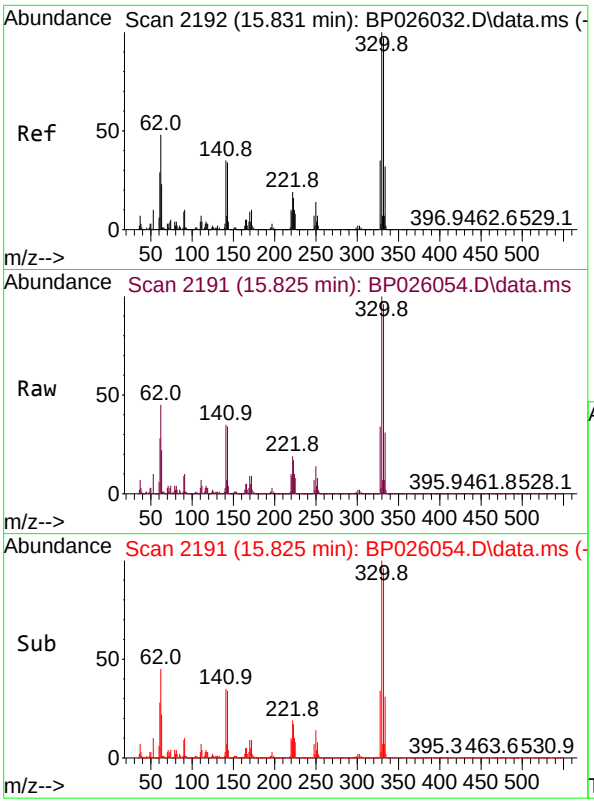


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:164 Resp: 793578

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.5	122.3
160	44.3	36.2	54.4



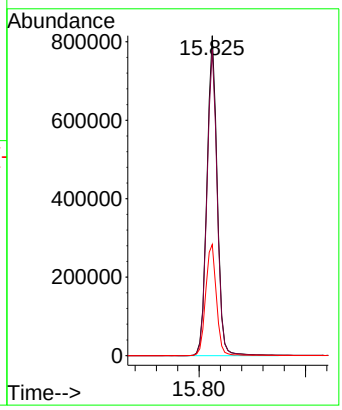


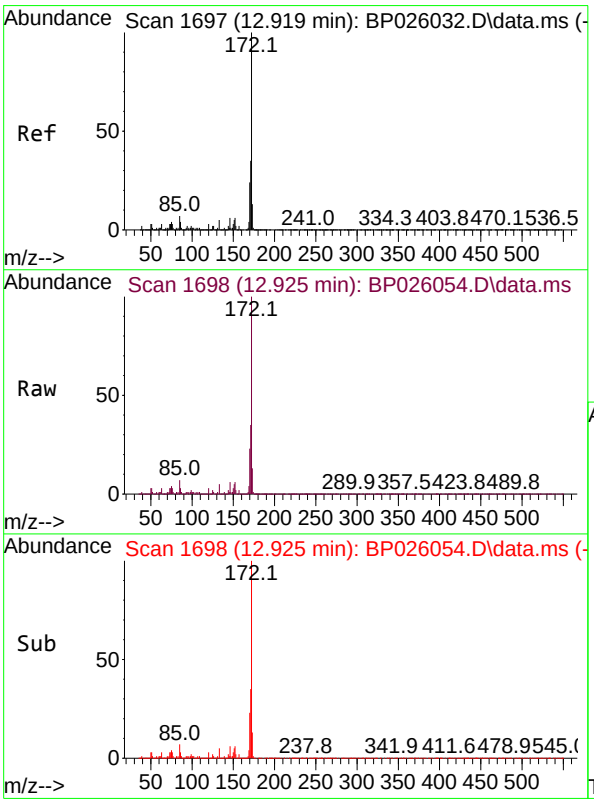
#42
2,4,6-Tribromophenol
Concen: 127.143 ng
RT: 15.825 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:330 Resp: 1090809

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.5	28.6	42.8

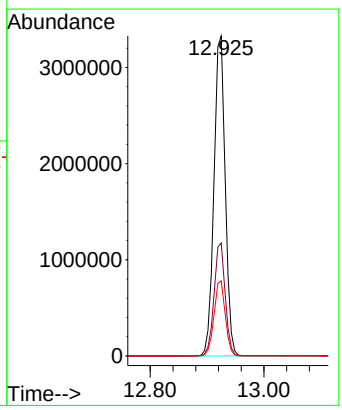


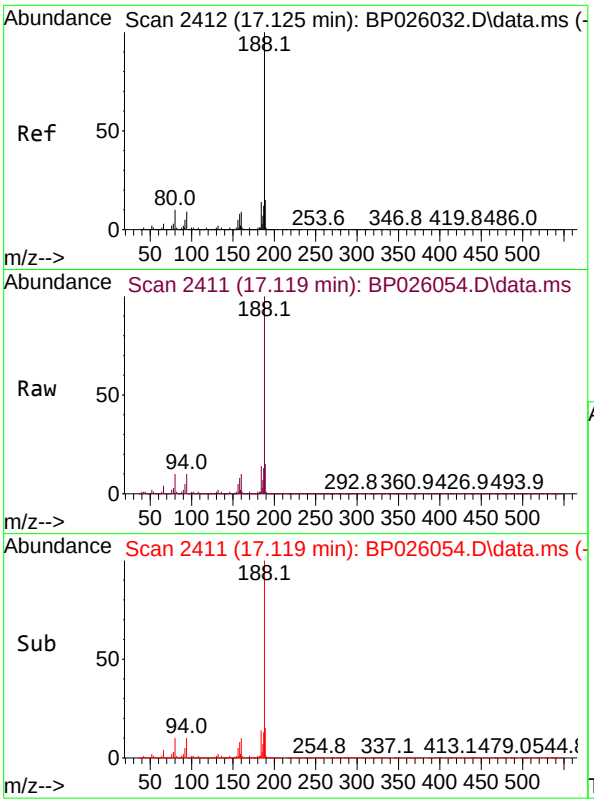


#45
2-Fluorobiphenyl
Concen: 82.893 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:172 Resp: 4577987

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.4	19.0	28.4



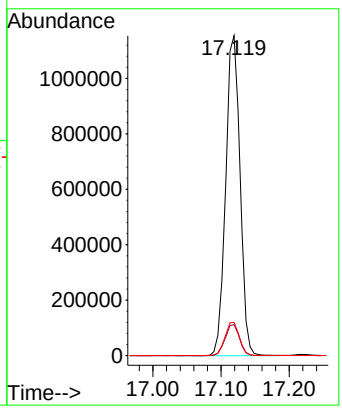


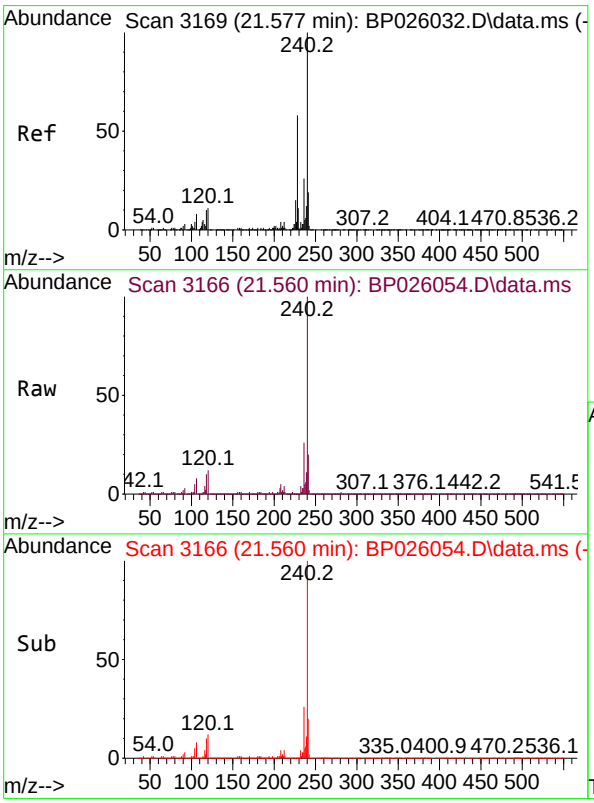
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:188 Resp: 1683386

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	10.4	7.9	11.9

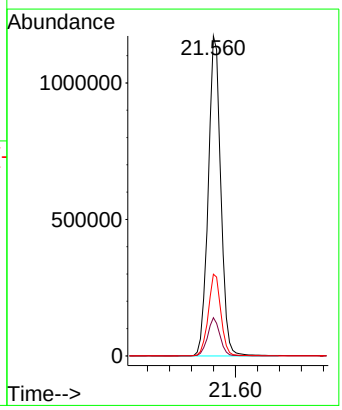


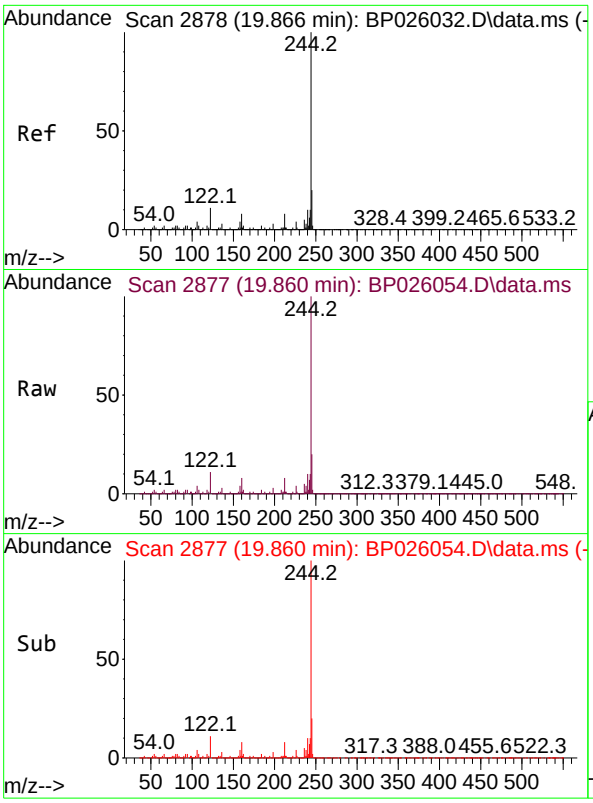


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:240 Resp: 1852671

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.5	20.6	31.0



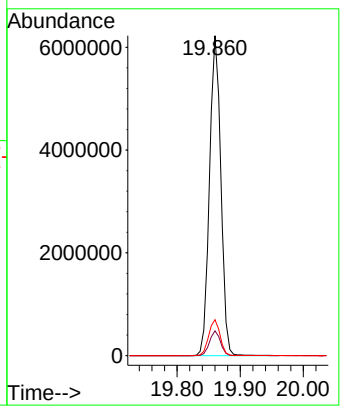


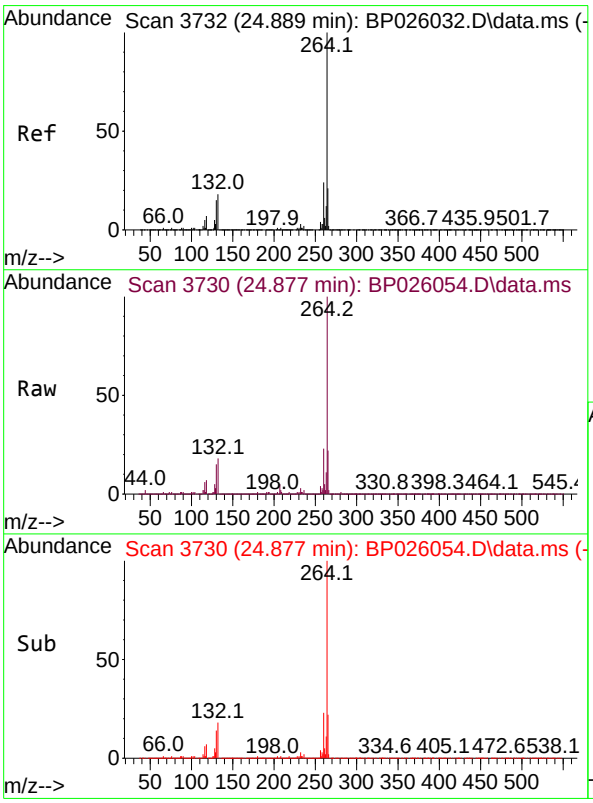
#79
Terphenyl-d14
Concen: 85.258 ng
RT: 19.860 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Instrument :
BNA_P
ClientSampleId :
PB170342BL

Tgt Ion:244 Resp: 7774571

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.2	9.0	13.6

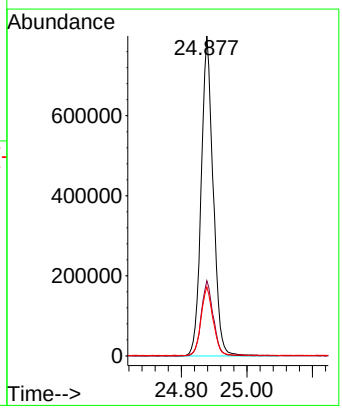




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.877 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BP026054.D
Acq: 03 Nov 2025 11:47

Tgt Ion:264 Resp: 2010353

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.6	17.2	25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	329449	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1315436	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	832110	20.000	ng		0.00
64) Phenanthrene-d10	17.124	188	1709092	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1770074	20.000	ng		0.00
86) Perylene-d12	24.883	264	1828889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	2408959	120.657	ng		0.00
7) Phenol-d6	6.854	99	3068817	120.762	ng		0.00
23) Nitrobenzene-d5	8.813	82	1672007	79.238	ng		-0.01
42) 2,4,6-Tribromophenol	15.830	330	1144716	127.248	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4443281	76.728	ng		0.00
79) Terphenyl-d14	19.860	244	7039206	80.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	283255	33.654	ng		99
3) Pyridine	3.619	79	774089	32.352	ng		99
4) n-Nitrosodimethylamine	3.531	42	400066	41.718	ng		99
6) Aniline	7.007	93	1067227	31.467	ng		99
8) 2-Chlorophenol	7.248	128	937249	42.393	ng		99
9) Benzaldehyde	6.825	77	390044	29.526	ng		97
10) Phenol	6.878	94	1184903	42.000	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	887534	39.863	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1027435	40.466	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1044870	40.702	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1007967	41.148	ng		99
15) Benzyl Alcohol	7.907	79	761818	41.584	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1337989	39.763	ng		99
17) 2-Methylphenol	8.113	107	798333	43.215	ng		99
18) Hexachloroethane	8.754	117	350595	39.911	ng		100
19) n-Nitroso-di-n-propyla...	8.478	70	646070	40.956	ng		99
20) 3+4-Methylphenols	8.431	107	1079799	42.016	ng		98
22) Acetophenone	8.490	105	1503706	45.200	ng	#	98
24) Nitrobenzene	8.854	77	924984	41.518	ng		100
25) Isophorone	9.384	82	1868809	41.377	ng		100
26) 2-Nitrophenol	9.560	139	353218	43.347	ng		97
27) 2,4-Dimethylphenol	9.625	122	899639	47.367	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1174041	41.247	ng		100
29) 2,4-Dichlorophenol	10.095	162	892420	44.501	ng		98
30) 1,2,4-Trichlorobenzene	10.313	180	931974	42.757	ng		99
31) Naphthalene	10.495	128	2876816	40.104	ng		100
32) Benzoic acid	9.760	122	585840	50.129	ng		97
33) 4-Chloroaniline	10.595	127	654978	23.761	ng		99
34) Hexachlorobutadiene	10.795	225	549510	39.672	ng		99
35) Caprolactam	11.354	113	308247	43.771	ng		97
36) 4-Chloro-3-methylphenol	11.731	107	963519	45.833	ng		99
37) 2-Methylnaphthalene	12.119	142	1889260	37.630	ng		99
38) 1-Methylnaphthalene	12.336	142	1943253	39.841	ng		99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1124560	43.495	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1034107	109.317	ng		97
43) 2,4,6-Trichlorophenol	12.725	196	699158	45.750	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	782362	44.865	ng	98
46) 1,1'-Biphenyl	13.142	154	2932813	46.030	ng	99
47) 2-Chloronaphthalene	13.178	162	2022474	40.344	ng	99
48) 2-Nitroaniline	13.372	65	546019	42.668	ng	97
49) Acenaphthylene	14.030	152	3520430	48.182	ng	100
50) Dimethylphthalate	13.778	163	2627245	43.407	ng	100
51) 2,6-Dinitrotoluene	13.883	165	527528	46.762	ng	97
52) Acenaphthene	14.383	154	1970069	39.276	ng	99
53) 3-Nitroaniline	14.213	138	440992	33.201	ng	97
54) 2,4-Dinitrophenol	14.419	184	471142	85.796	ng	97
55) Dibenzofuran	14.725	168	3178911	41.947	ng	99
56) 4-Nitrophenol	14.525	139	1061781	87.974	ng	99
57) 2,4-Dinitrotoluene	14.683	165	753629	45.562	ng	96
58) Fluorene	15.389	166	2512494	42.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	657474	47.953	ng	98
60) Diethylphthalate	15.166	149	2674664	43.956	ng	100
61) 4-Chlorophenyl-phenyle...	15.383	204	1201482	40.523	ng	99
62) 4-Nitroaniline	15.389	138	590248	45.636	ng	98
63) Azobenzene	15.683	77	2443729	44.313	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	316195	46.272	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2302748	43.093	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	793370	41.848	ng	99
68) Hexachlorobenzene	16.413	284	884971	41.005	ng	100
69) Atrazine	16.583	200	828455	45.957	ng	98
70) Pentachlorophenol	16.771	266	1153570	87.507	ng	99
71) Phenanthrene	17.171	178	4148480	41.703	ng	100
72) Anthracene	17.266	178	4215169	42.747	ng	100
73) Carbazole	17.542	167	4083450	43.747	ng	100
74) Di-n-butylphthalate	18.148	149	4650026	44.520	ng	99
75) Fluoranthene	19.260	202	4902547	42.248	ng	99
77) Benzidine	19.448	184	1809475	40.274	ng	100
78) Pyrene	19.636	202	5157748	43.083	ng	99
80) Butylbenzylphthalate	20.601	149	1959954	44.143	ng	100
81) Benzo(a)anthracene	21.554	228	5206614	42.805	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1335292	34.072	ng	100
83) Chrysene	21.624	228	4816791	41.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	3094740	43.632	ng	100
85) Di-n-octyl phthalate	22.795	149	5027554	47.713	ng	100
87) Indeno(1,2,3-cd)pyrene	28.653	276	6115341m	45.292	ng	
88) Benzo(b)fluoranthene	23.836	252	5061611	44.581	ng	99
89) Benzo(k)fluoranthene	23.912	252	5281034	45.550	ng	100
90) Benzo(a)pyrene	24.730	252	4886310	46.846	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	5044039	45.905	ng	99
92) Benzo(g,h,i)perylene	29.824	276	4967575	46.981	ng	98

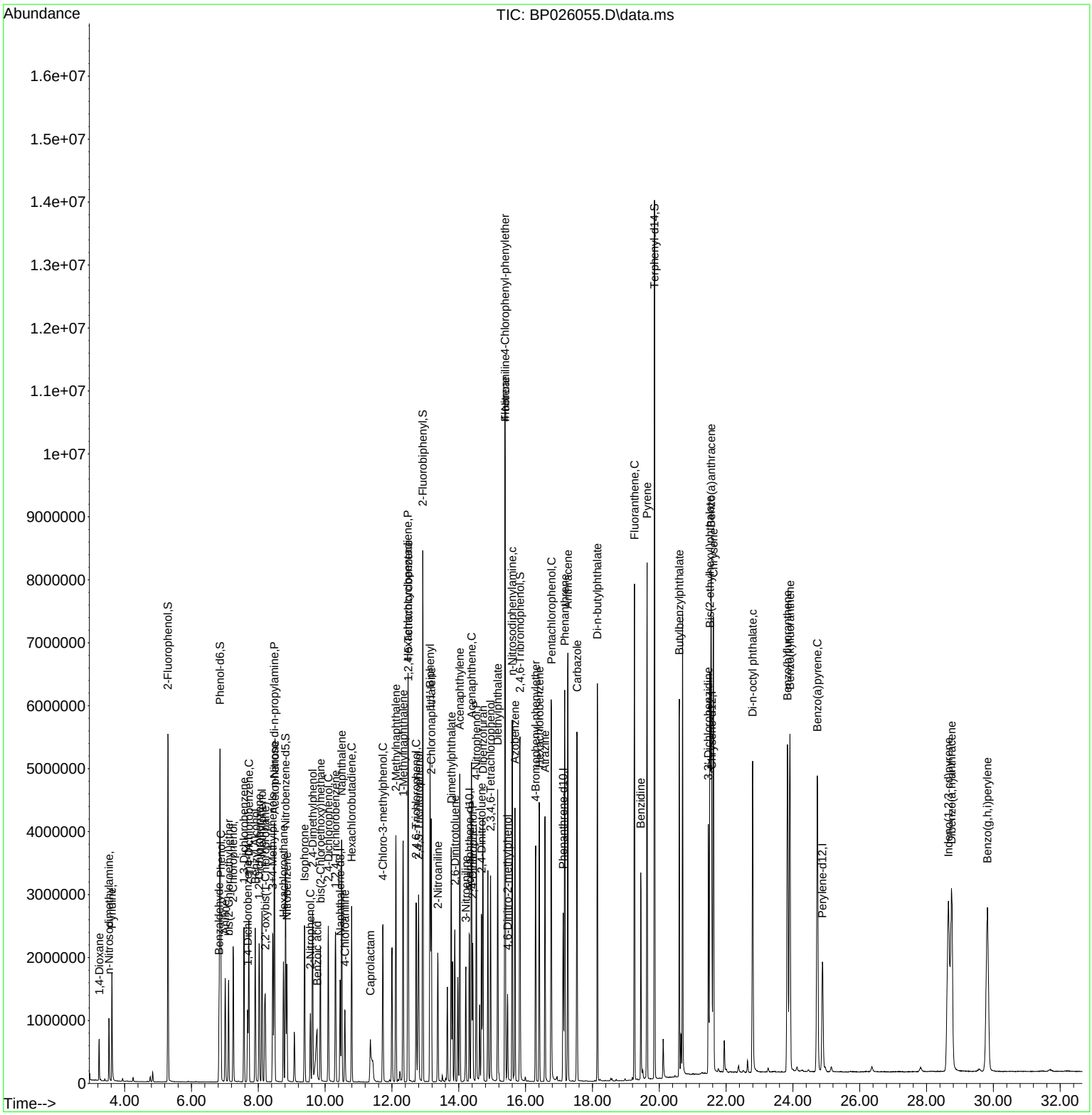
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026055.D
Acq On : 03 Nov 2025 12:29
Operator : RC/JU
Sample : PB170342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 12:49:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170342BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	230344	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	913499	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	573692	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1154142	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1320577	20.000	ng		0.01
86) Perylene-d12	24.889	264	1554006	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1034800	74.129	ng		0.00
7) Phenol-d6	6.855	99	1315612	74.046	ng		0.00
23) Nitrobenzene-d5	8.819	82	718062	49.003	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	502803	81.069	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	1719470	43.067	ng		0.00
79) Terphenyl-d14	19.860	244	2808520	43.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	245654	41.743	ng		98
3) Pyridine	3.619	79	653591	39.069	ng		99
4) n-Nitrosodimethylamine	3.531	42	305989	45.637	ng		94
6) Aniline	7.013	93	741914	31.287	ng		99
8) 2-Chlorophenol	7.249	128	767520	49.652	ng		97
9) Benzaldehyde	6.831	77	421669	45.654	ng		95
10) Phenol	6.884	94	939790	47.644	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	686866	44.124	ng		100
12) 1,3-Dichlorobenzene	7.572	146	815209	45.921	ng		99
13) 1,4-Dichlorobenzene	7.719	146	834769	46.508	ng		98
14) 1,2-Dichlorobenzene	8.037	146	796735	46.519	ng		98
15) Benzyl Alcohol	7.913	79	621325	48.507	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	974973	41.441	ng		98
17) 2-Methylphenol	8.119	107	624055	48.315	ng		98
18) Hexachloroethane	8.755	117	285850	46.541	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	495360	44.913	ng		97
20) 3+4-Methylphenols	8.437	107	851879	47.409	ng		98
22) Acetophenone	8.490	105	1062156	45.975	ng	#	97
24) Nitrobenzene	8.860	77	731015	47.248	ng		98
25) Isophorone	9.390	82	1416601	45.165	ng		99
26) 2-Nitrophenol	9.566	139	367075	63.539	ng		96
27) 2,4-Dimethylphenol	9.631	122	712048	53.986	ng		100
28) bis(2-Chloroethoxy)met...	9.866	93	890244	45.038	ng		100
29) 2,4-Dichlorophenol	10.102	162	706461	50.728	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	727408	48.056	ng		97
31) Naphthalene	10.501	128	2237445	44.915	ng		100
32) Benzoic acid	9.749	122	560751	63.086	ng		96
33) 4-Chloroaniline	10.601	127	319591	16.695	ng		99
34) Hexachlorobutadiene	10.807	225	437061	45.437	ng		99
35) Caprolactam	11.372	113	241440	49.370	ng		95
36) 4-Chloro-3-methylphenol	11.737	107	740711	50.738	ng		99
37) 2-Methylnaphthalene	12.125	142	1421190	40.762	ng		99
38) 1-Methylnaphthalene	12.348	142	1485088	43.844	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	802007	44.992	ng		99
41) Hexachlorocyclopentadiene	12.484	237	921688	141.321	ng		97
43) 2,4,6-Trichlorophenol	12.737	196	565547	53.677	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

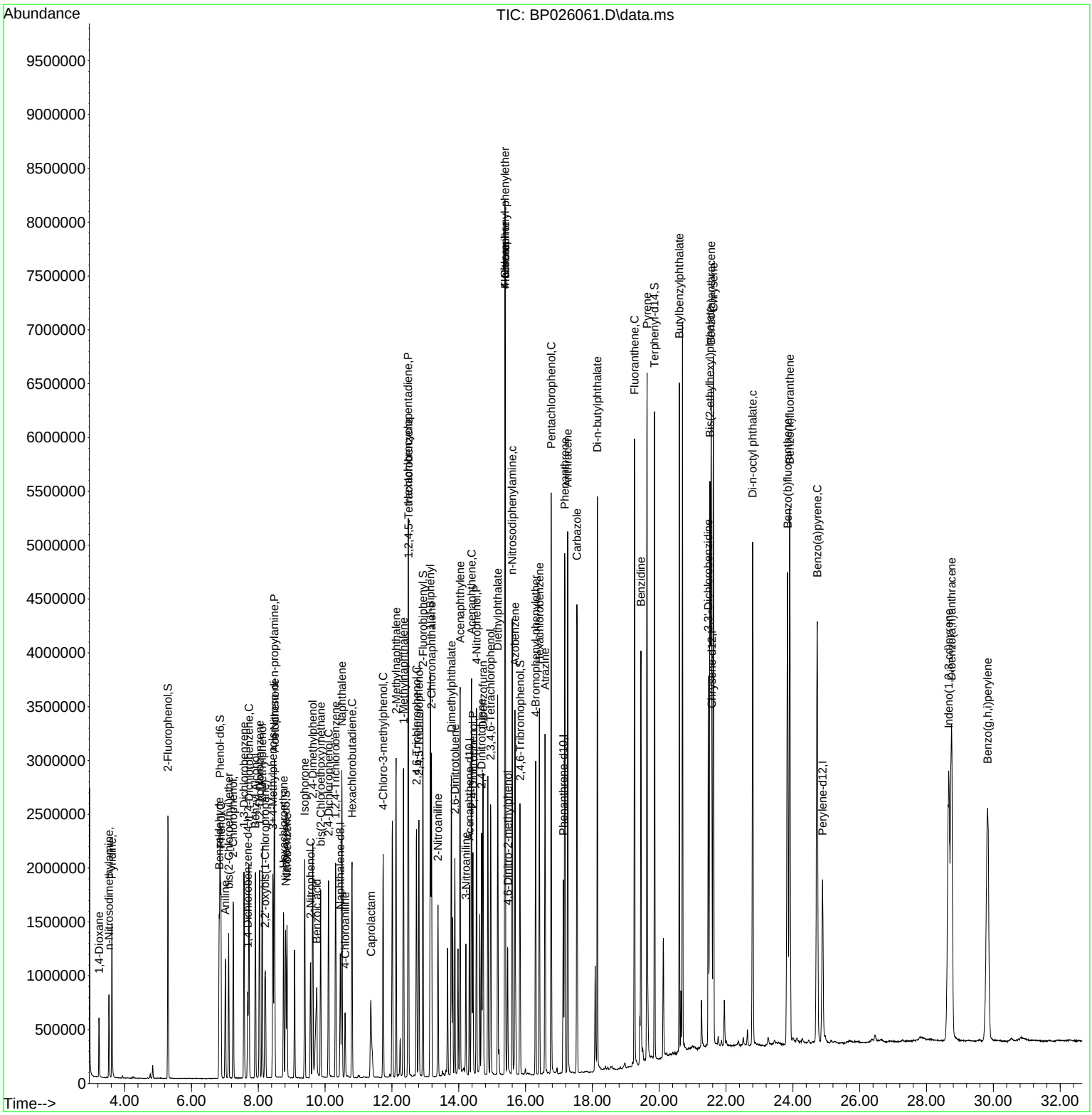
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	621732	51.714	ng	97
46) 1,1'-Biphenyl	13.148	154	2025270	46.104	ng	100
47) 2-Chloronaphthalene	13.184	162	1550279	44.855	ng	99
48) 2-Nitroaniline	13.378	65	443914	49.793	ng	100
49) Acenaphthylene	14.042	152	2662846	52.861	ng	100
50) Dimethylphthalate	13.778	163	1989156	47.668	ng	100
51) 2,6-Dinitrotoluene	13.884	165	406367	51.897	ng	98
52) Acenaphthene	14.384	154	1475483	42.666	ng	99
53) 3-Nitroaniline	14.213	138	280213	30.806	ng	98
54) 2,4-Dinitrophenol	14.425	184	430227	103.707	ng	97
55) Dibenzofuran	14.725	168	2405190	46.033	ng	99
56) 4-Nitrophenol	14.531	139	889709	106.923	ng	98
57) 2,4-Dinitrotoluene	14.684	165	582363	50.694	ng	96
58) Fluorene	15.389	166	1891035	46.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	553544	58.559	ng	99
60) Diethylphthalate	15.166	149	1996178	47.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	927006	45.349	ng	100
62) 4-Nitroaniline	15.389	138	461643	51.771	ng	94
63) Azobenzene	15.684	77	1915280	50.375	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	290971	58.360	ng	95
66) n-Nitrosodiphenylamine	15.601	169	1717820	47.604	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	595137	46.486	ng	99
68) Hexachlorobenzene	16.413	284	685540	47.038	ng	98
69) Atrazine	16.584	200	650082	53.402	ng	99
70) Pentachlorophenol	16.766	266	996902	111.985	ng	100
71) Phenanthrene	17.172	178	3106348	46.241	ng	100
72) Anthracene	17.260	178	3217289	48.315	ng	100
73) Carbazole	17.536	167	3089675	49.016	ng	100
74) Di-n-butylphthalate	18.148	149	3658234	51.866	ng	99
75) Fluoranthene	19.260	202	3795608	48.436	ng	99
77) Benzidine	19.454	184	2267672	67.652	ng	99
78) Pyrene	19.636	202	3918450	43.872	ng	100
80) Butylbenzylphthalate	20.601	149	1795165	53.421	ng	98
81) Benzo(a)anthracene	21.554	228	4277522	47.137	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1241377	42.457	ng	99
83) Chrysene	21.619	228	3977445	46.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	2741453	51.320	ng	99
85) Di-n-octyl phthalate	22.795	149	4878166	62.054	ng	97
87) Indeno(1,2,3-cd)pyrene	28.659	276	5622542	49.008	ng	98
88) Benzo(b)fluoranthene	23.842	252	4477746	46.415	ng	100
89) Benzo(k)fluoranthene	23.907	252	4571470	46.404	ng	100
90) Benzo(a)pyrene	24.730	252	4396054	49.601	ng	99
91) Dibenzo(a,h)anthracene	28.748	278	4613090	49.410	ng	100
92) Benzo(g,h,i)perylene	29.830	276	4530380	50.425	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	345956	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1339139	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	838184	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1700831	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1741305	20.000	ng		0.01
86) Perylene-d12	24.901	264	1964578	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	1402287	66.885	ng		0.00
7) Phenol-d6	6.855	99	1788683	67.029	ng		0.00
23) Nitrobenzene-d5	8.819	82	990160	46.094	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	683138	75.388	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	2373751	40.694	ng		0.00
79) Terphenyl-d14	19.871	244	3672530	42.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	324097	36.669	ng		98
3) Pyridine	3.619	79	876612	34.889	ng		98
4) n-Nitrosodimethylamine	3.531	42	415005	41.211	ng		95
6) Aniline	7.013	93	1062972	29.847	ng		98
8) 2-Chlorophenol	7.255	128	1047831	45.133	ng		97
9) Benzaldehyde	6.831	77	578623	41.711	ng		96
10) Phenol	6.884	94	1266278	42.743	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	933173	39.913	ng		100
12) 1,3-Dichlorobenzene	7.572	146	1112065	41.709	ng		98
13) 1,4-Dichlorobenzene	7.719	146	1144096	42.441	ng		98
14) 1,2-Dichlorobenzene	8.031	146	1096934	42.643	ng		100
15) Benzyl Alcohol	7.913	79	834687	43.388	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.201	45	1317067	37.273	ng		98
17) 2-Methylphenol	8.119	107	849875	43.810	ng		98
18) Hexachloroethane	8.754	117	390595	42.343	ng		99
19) n-Nitroso-di-n-propyla...	8.478	70	677161	40.879	ng		97
20) 3+4-Methylphenols	8.437	107	1153310	42.735	ng		99
22) Acetophenone	8.490	105	1445488	42.681	ng	#	97
24) Nitrobenzene	8.860	77	998094	44.006	ng		98
25) Isophorone	9.390	82	1938648	42.164	ng		99
26) 2-Nitrophenol	9.566	139	516379	61.081	ng		97
27) 2,4-Dimethylphenol	9.637	122	968769	50.104	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1224727	42.266	ng		99
29) 2,4-Dichlorophenol	10.101	162	958620	46.956	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	1001794	45.147	ng		98
31) Naphthalene	10.496	128	3055988	41.848	ng		100
32) Benzoic acid	9.760	122	774891	60.501	ng		95
33) 4-Chloroaniline	10.601	127	510560	18.194	ng		99
34) Hexachlorobutadiene	10.795	225	598063	42.413	ng		99
35) Caprolactam	11.372	113	337662	47.099	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	1007525	47.078	ng		97
37) 2-Methylnaphthalene	12.119	142	1938577	37.929	ng		99
38) 1-Methylnaphthalene	12.342	142	2017843	40.638	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1077175	41.361	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1243244	130.473	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	782493	50.832	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	850932	48.444	ng	98
46) 1,1'-Biphenyl	13.142	154	2771814	43.188	ng	99
47) 2-Chloronaphthalene	13.178	162	2108910	41.763	ng	99
48) 2-Nitroaniline	13.378	65	621752	47.854	ng	99
49) Acenaphthylene	14.036	152	3660936	49.742	ng	100
50) Dimethylphthalate	13.778	163	2659719	43.625	ng	100
51) 2,6-Dinitrotoluene	13.884	165	571822	50.094	ng	97
52) Acenaphthene	14.389	154	2102593	41.614	ng	99
53) 3-Nitroaniline	14.207	138	377478	28.609	ng	99
54) 2,4-Dinitrophenol	14.425	184	591250	99.558	ng	98
55) Dibenzofuran	14.736	168	3263619	42.752	ng	98
56) 4-Nitrophenol	14.531	139	1170731	96.298	ng	97
57) 2,4-Dinitrotoluene	14.684	165	807931	48.292	ng	94
58) Fluorene	15.389	166	2584473	43.214	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	750291	54.326	ng	99
60) Diethylphthalate	15.178	149	2723574	44.435	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	1259202	42.161	ng	98
62) 4-Nitroaniline	15.401	138	618513	47.475	ng	95
63) Azobenzene	15.689	77	2620845	47.180	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	406212	56.067	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2332051	43.853	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	822145	43.577	ng	96
68) Hexachlorobenzene	16.413	284	926997	43.161	ng	99
69) Atrazine	16.589	200	872262	48.623	ng	98
70) Pentachlorophenol	16.766	266	1328307	101.252	ng	100
71) Phenanthrene	17.172	178	4173304	42.156	ng	100
72) Anthracene	17.266	178	4278369	43.598	ng	100
73) Carbazole	17.542	167	4064676	43.757	ng	99
74) Di-n-butylphthalate	18.148	149	4915908	47.295	ng	100
75) Fluoranthene	19.266	202	4951949	42.881	ng	98
77) Benzidine	19.460	184	2913359	65.915	ng	99
78) Pyrene	19.642	202	5196427	44.123	ng	100
80) Butylbenzylphthalate	20.613	149	2290813	51.809	ng	99
81) Benzo(a)anthracene	21.560	228	5148001	43.023	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	1419085	36.808	ng	100
83) Chrysene	21.624	228	4879542	43.049	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3379081	48.142	ng	99
85) Di-n-octyl phthalate	22.807	149	5812672	56.076	ng	97
87) Indeno(1,2,3-cd)pyrene	28.671	276	6582442m	45.384	ng	
88) Benzo(b)fluoranthene	23.842	252	5232886	42.907	ng	100
89) Benzo(k)fluoranthene	23.918	252	5472430	43.941	ng	100
90) Benzo(a)pyrene	24.742	252	5194536	46.362	ng	100
91) Dibenzo(a,h)anthracene	28.765	278	5395679	45.714	ng	99
92) Benzo(g,h,i)perylene	29.842	276	5296260m	46.630	ng	

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

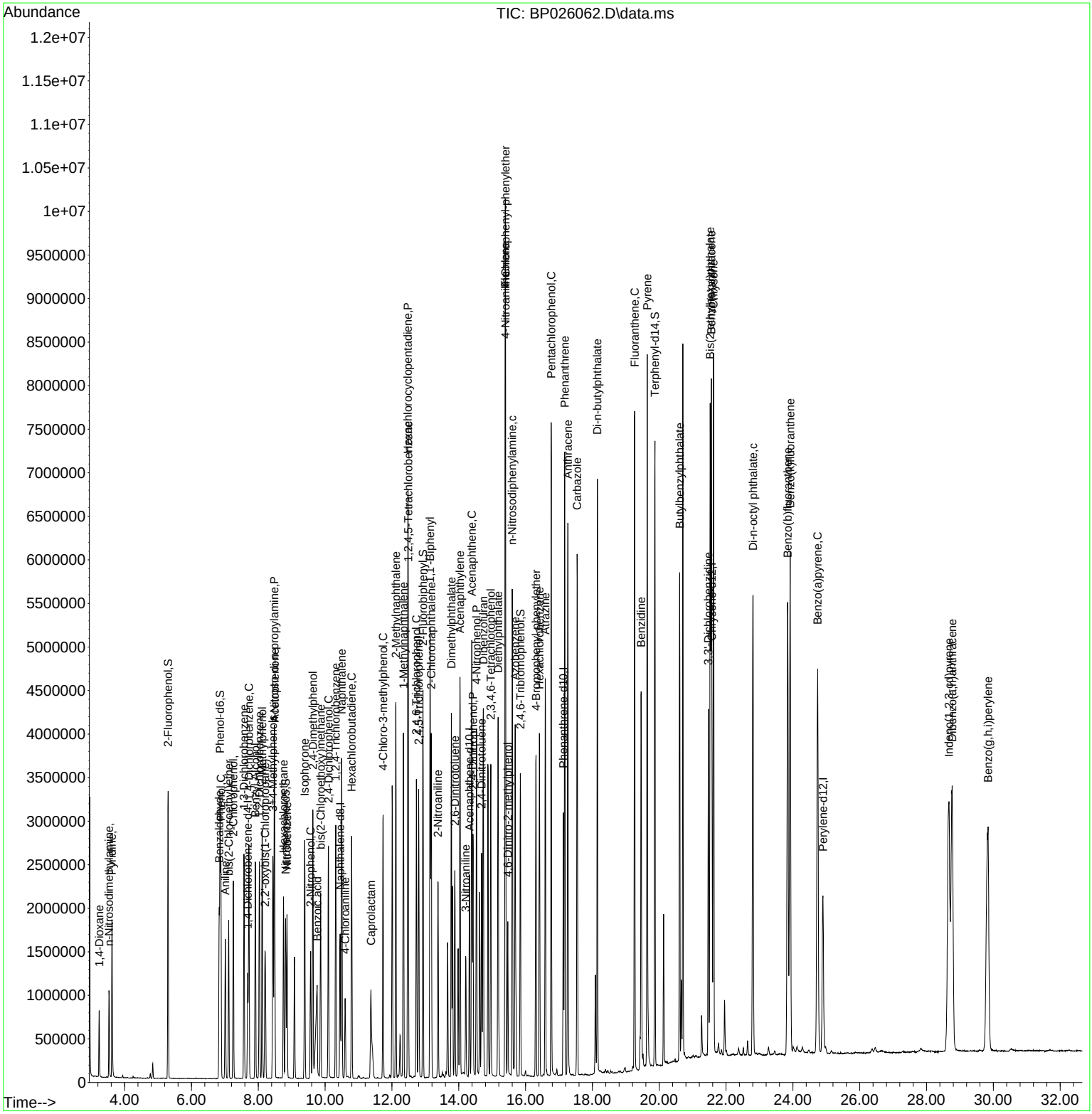
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026062.D
Acq On : 03 Nov 2025 17:35
Operator : RC/JU
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 03 17:55:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/06/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG102425	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064570.D	1,4-Dichlorobenzene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC005	BG064570.D	1-Methylnaphthalene	rahul	10/27/2025 8:32:20 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC010	BG064571.D	Benzoic acid	rahul	10/27/2025 8:32:22 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC020	BG064572.D	Benzoic acid	rahul	10/27/2025 8:32:28 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICCC040	BG064573.D	Benzoic acid	rahul	10/27/2025 8:33:01 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC060	BG064574.D	Benzoic acid	Jagrut	11/4/2025 3:47:57 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC080	BG064575.D	Benzoic acid	Jagrut	11/4/2025 3:48:00 PM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software
SSTDICC050	BG064576.D	Benzoic acid	rahul	10/27/2025 8:33:12 AM	mohammad	11/5/2025 12:11:16 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BG103125	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP110325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170342BS	BP026055.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:36 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Benzo(g,h,i)perylene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software
Q3495-02MSD	BP026062.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/4/2025 4:00:44 PM	mohammad	11/6/2025 12:53:42 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM				
SubDirectory	BG102425	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064568.D	24 Oct 2025 8:20	RC/JU	Ok
2	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00	RC/JU	Ok
3	SSTDICC005	BG064570.D	24 Oct 2025 9:41	RC/JU	Ok,M
4	SSTDICC010	BG064571.D	24 Oct 2025 11:02	RC/JU	Ok,M
5	SSTDICC020	BG064572.D	24 Oct 2025 12:23	RC/JU	Ok,M
6	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	RC/JU	Ok,M
7	SSTDICC060	BG064574.D	24 Oct 2025 13:44	RC/JU	Ok,M
8	SSTDICC080	BG064575.D	24 Oct 2025 14:24	RC/JU	Ok,M
9	SSTDICC050	BG064576.D	24 Oct 2025 15:32	RC/JU	Ok,M
10	SSTDICV040	BG064577.D	24 Oct 2025 16:47	RC/JU	Ok
11	PB170222BL	BG064578.D	24 Oct 2025 17:28	RC/JU	Not Ok
12	Q3405-02	BG064579.D	24 Oct 2025 18:08	RC/JU	Ok
13	Q3405-03	BG064580.D	24 Oct 2025 18:49	RC/JU	Ok
14	Q3405-04	BG064581.D	24 Oct 2025 19:30	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM				
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM				
SubDirectory	BG103125	HP Acquire Method	BNA_G		HP Processing Method	BG102425	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064653.D	31 Oct 2025 12:42	RC/JU	Ok
2	SSTDCCC040	BG064654.D	31 Oct 2025 13:24	RC/JU	Ok
3	PB170342BL	BG064655.D	31 Oct 2025 14:04	RC/JU	Not Ok
4	Q3447-08	BG064656.D	31 Oct 2025 14:50	RC/JU	Ok
5	Q3497-01	BG064657.D	31 Oct 2025 15:31	RC/JU	Ok
6	Q3504-01	BG064658.D	31 Oct 2025 16:12	RC/JU	Ok
7	Q3496-01	BG064659.D	31 Oct 2025 16:54	RC/JU	Ok
8	Q3477-03	BG064660.D	31 Oct 2025 17:35	RC/JU	Ok
9	Q3495-01	BG064661.D	31 Oct 2025 18:16	RC/JU	Ok
10	Q3495-03	BG064662.D	31 Oct 2025 18:57	RC/JU	Ok
11	Q3503-05	BG064663.D	31 Oct 2025 19:38	RC/JU	Ok
12	Q3503-01	BG064664.D	31 Oct 2025 20:19	RC/JU	Ok
13	Q3486-07	BG064665.D	31 Oct 2025 21:00	RC/JU	Ok,M
14	Q3486-03DL	BG064666.D	31 Oct 2025 21:41	RC/JU	Ok,M
15	Q3503-03	BG064667.D	31 Oct 2025 22:22	RC/JU	Ok
16	Q3501-01	BG064668.D	31 Oct 2025 23:04	RC/JU	Ok
17	Q3499-01	BG064669.D	31 Oct 2025 23:45	RC/JU	Ok
18	Q3486-07DL	BG064670.D	1 Nov 2025 00:27	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM				
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM				
SubDirectory	BP110325	HP Acquire Method	BNA_P		HP Processing Method	BP102925	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026052.D	03 Nov 2025 10:08	RC/JU	Ok
2	SSTDCCC040	BP026053.D	03 Nov 2025 11:06	RC/JU	Ok
3	PB170342BL	BP026054.D	03 Nov 2025 11:47	RC/JU	Ok
4	PB170342BS	BP026055.D	03 Nov 2025 12:29	RC/JU	Ok,M
5	PB170346BL	BP026056.D	03 Nov 2025 13:21	RC/JU	Ok
6	PB170346BS	BP026057.D	03 Nov 2025 14:03	RC/JU	Ok,M
7	PB170346BSD	BP026058.D	03 Nov 2025 14:44	RC/JU	Ok,M
8	Q3494-01	BP026059.D	03 Nov 2025 15:32	RC/JU	Ok
9	Q3495-02	BP026060.D	03 Nov 2025 16:13	RC/JU	Ok
10	Q3495-02MS	BP026061.D	03 Nov 2025 16:54	RC/JU	Ok
11	Q3495-02MSD	BP026062.D	03 Nov 2025 17:35	RC/JU	Ok,M
12	Q3519-01	BP026063.D	03 Nov 2025 18:16	RC/JU	Ok,M
13	Q3519-01MS	BP026064.D	03 Nov 2025 18:57	RC/JU	Ok,M
14	Q3519-01MSD	BP026065.D	03 Nov 2025 19:39	RC/JU	Ok
15	Q3515-01	BP026066.D	03 Nov 2025 20:20	RC/JU	Dilution
16	Q3520-01	BP026067.D	03 Nov 2025 21:01	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG102425

Review By	rahul	Review On	10/27/2025 10:16:00 AM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:16 AM		
SubDirectory	BG102425	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064568.D	24 Oct 2025 8:20		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064569.D	24 Oct 2025 9:00		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064570.D	24 Oct 2025 9:41		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064571.D	24 Oct 2025 11:02		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064572.D	24 Oct 2025 12:23	Compound #32 kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064573.D	24 Oct 2025 13:03	Compound #26,48,51,54,57,65 are kept on LR	RC/JU	Ok,M
7	SSTDICC060	SSTDICC060	BG064574.D	24 Oct 2025 13:44		RC/JU	Ok,M
8	SSTDICC080	SSTDICC080	BG064575.D	24 Oct 2025 14:24		RC/JU	Ok,M
9	SSTDICC050	SSTDICC050	BG064576.D	24 Oct 2025 15:32		RC/JU	Ok,M
10	SSTDICV040	ICVBG102425	BG064577.D	24 Oct 2025 16:47	compound #77 failed in the ICV.	RC/JU	Ok
11	PB170222BL	PB170222BL	BG064578.D	24 Oct 2025 17:28	Analyzed for contamination check	RC/JU	Not Ok
12	Q3405-02	PAD-10-20-25-B	BG064579.D	24 Oct 2025 18:08		RC/JU	Ok
13	Q3405-03	PAD-10-20-25-C	BG064580.D	24 Oct 2025 18:49		RC/JU	Ok
14	Q3405-04	SW-10-20-25	BG064581.D	24 Oct 2025 19:30		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064653.D	31 Oct 2025 12:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064654.D	31 Oct 2025 13:24		RC/JU	Ok
3	PB170342BL	PB170342BL	BG064655.D	31 Oct 2025 14:04	Analyzed for contamination check	RC/JU	Not Ok
4	Q3447-08	P001-TW4-251023-01	BG064656.D	31 Oct 2025 14:50		RC/JU	Ok
5	Q3497-01	OK-01-103025	BG064657.D	31 Oct 2025 15:31		RC/JU	Ok
6	Q3504-01	72-11986	BG064658.D	31 Oct 2025 16:12		RC/JU	Ok
7	Q3496-01	DRILL-CUTTINGS	BG064659.D	31 Oct 2025 16:54		RC/JU	Ok
8	Q3477-03	SOUTH-MAHWAH-WA	BG064660.D	31 Oct 2025 17:35		RC/JU	Ok
9	Q3495-01	SB-1025-1	BG064661.D	31 Oct 2025 18:16		RC/JU	Ok
10	Q3495-03	TW-1025-1	BG064662.D	31 Oct 2025 18:57		RC/JU	Ok
11	Q3503-05	324	BG064663.D	31 Oct 2025 19:38		RC/JU	Ok
12	Q3503-01	322	BG064664.D	31 Oct 2025 20:19		RC/JU	Ok
13	Q3486-07	TP6	BG064665.D	31 Oct 2025 21:00		RC/JU	Ok,M
14	Q3486-03DL	TP4DL	BG064666.D	31 Oct 2025 21:41		RC/JU	Ok,M
15	Q3503-03	323	BG064667.D	31 Oct 2025 22:22		RC/JU	Ok
16	Q3501-01	461	BG064668.D	31 Oct 2025 23:04		RC/JU	Ok
17	Q3499-01	RBR251235	BG064669.D	31 Oct 2025 23:45		RC/JU	Ok

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG103125

Review By	rahul	Review On	11/3/2025 3:20:11 PM		
Supervise By	mohammad	Supervise On	11/5/2025 12:11:48 AM		
SubDirectory	BG103125	HP Acquire Method	BNA_G	HP Processing Method	BG102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3486-07DL	TP6DL	BG064670.D	1 Nov 2025 00:27	Not Required	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM		
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM		
SubDirectory	BP102925	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP110325

Review By	rahul	Review On	11/3/2025 3:19:18 PM		
Supervise By	mohammad	Supervise On	11/6/2025 12:53:42 AM		
SubDirectory	BP110325	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026052.D	03 Nov 2025 10:08		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026053.D	03 Nov 2025 11:06		RC/JU	Ok
3	PB170342BL	PB170342BL	BP026054.D	03 Nov 2025 11:47		RC/JU	Ok
4	PB170342BS	PB170342BS	BP026055.D	03 Nov 2025 12:29		RC/JU	Ok,M
5	PB170346BL	PB170346BL	BP026056.D	03 Nov 2025 13:21		RC/JU	Ok
6	PB170346BS	PB170346BS	BP026057.D	03 Nov 2025 14:03		RC/JU	Ok,M
7	PB170346BSD	PB170346BSD	BP026058.D	03 Nov 2025 14:44		RC/JU	Ok,M
8	Q3494-01	MW3	BP026059.D	03 Nov 2025 15:32		RC/JU	Ok
9	Q3495-02	SB-1025-2	BP026060.D	03 Nov 2025 16:13		RC/JU	Ok
10	Q3495-02MS	SB-1025-2MS	BP026061.D	03 Nov 2025 16:54		RC/JU	Ok
11	Q3495-02MSD	SB-1025-2MSD	BP026062.D	03 Nov 2025 17:35		RC/JU	Ok,M
12	Q3519-01	PL-01-103125	BP026063.D	03 Nov 2025 18:16		RC/JU	Ok,M
13	Q3519-01MS	PL-01-103125MS	BP026064.D	03 Nov 2025 18:57		RC/JU	Ok,M
14	Q3519-01MSD	PL-01-103125MSD	BP026065.D	03 Nov 2025 19:39		RC/JU	Ok
15	Q3515-01	SU-04-103125	BP026066.D	03 Nov 2025 20:20	Need further 2X dilution	RC/JU	Dilution
16	Q3520-01	EO-02-103125	BP026067.D	03 Nov 2025 21:01	Analyze with a lower DF	RC/JU	Not Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170342

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	09:30
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:45
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443. Q3500-01,Q3501-01 & Q3502-01 used Limited volume as samples are oil & Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (Ext-lab)	JG / SVOC
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170342

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170342BL	SBLK342	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U2-1
PB170342BS	SLCS342	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			2
Q3495-01	SB-1025-1	SVOC-PAH	30.06	N/A	ritesh	Evelyn	1	B		3
Q3495-02	SB-1025-2	SVOC-TCL BNA -20	30.09	N/A	ritesh	Evelyn	1	E		4
Q3495-02MS	SB-1025-2MS	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		5
Q3495-02MSD	SB-1025-2MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q3496-01	DRILL-CUTTINGS	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		U3-1
Q3497-01	OK-01-103025	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2
Q3499-01	RBR251235	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	E		3
Q3501-01	461	SVOC-TCL BNA -20	5.02	N/A	ritesh	Evelyn	1	E	Oily Debris	4
Q3503-01	322	SVOC-TCL BNA -20	5.06	N/A	ritesh	Evelyn	1	E	Oily Debris	5
Q3503-03	323	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E	Small Particles	6
Q3503-05	324	SVOC-TCL BNA -20	5.07	N/A	ritesh	Evelyn	1	E	Oily Debris	U4-1
Q3504-01	72-11986	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		2

RS 10/31

* **Extracts relinquished on the same date as received.**

Q3495 9:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3497 **WorkList ID :** 192812 **Department :** Extraction **Date :** 10-31-2025 08:26:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-01	SB-1025-1	Solid	SVOC-PAH	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3495-02	SB-1025-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D51	10/27/2025	8270E
Q3496-01	DRILL-CUTTINGS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3497-01	OK-01-103025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	10/30/2025	8270E
Q3499-01	RBR251235	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3501-01	461	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-01	322	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-03	323	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3503-05	324	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E
Q3504-01	72-11986	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/30/2025	8270E

412 of 950

Date/Time 10/31/25 9:25
Raw Sample Received by: RJ (ETA-Lab)
Raw Sample Relinquished by: [signature] (Lab)

Date/Time 10/31/25 9:50
Raw Sample Received by: [signature] (Lab)
Raw Sample Relinquished by: RJ (ETA-Lab)

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-01	**SB-1025-1**	**SOIL**			**10/27/25**			**10/29/25**
			SVOC-PAH	8270E		10/31/25	10/31/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3495 **Order ID:** Q3495

Client: Remington & Vernick Engineers **Project ID:** Maclearie Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
			Total Concentration:	**0.000**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.17	U	1	0.17	2.30	ug/kg	10/31/25 13:33	PB170340
319-85-7	beta-BHC	0.24	U	1	0.24	2.30	ug/kg	10/31/25 13:33	PB170340
319-86-8	delta-BHC	0.52	U	1	0.52	2.30	ug/kg	10/31/25 13:33	PB170340
58-89-9	gamma-BHC (Lindane)	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
76-44-8	Heptachlor	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
309-00-2	Aldrin	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
1024-57-3	Heptachlor epoxide	0.25	U	1	0.25	2.30	ug/kg	10/31/25 13:33	PB170340
959-98-8	Endosulfan I	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
60-57-1	Dieldrin	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-55-9	4,4-DDE	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-20-8	Endrin	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
33213-65-9	Endosulfan II	0.39	U	1	0.39	2.30	ug/kg	10/31/25 13:33	PB170340
72-54-8	4,4-DDD	0.20	U	1	0.20	2.30	ug/kg	10/31/25 13:33	PB170340
1031-07-8	Endosulfan Sulfate	0.17	U	1	0.17	2.30	ug/kg	10/31/25 13:33	PB170340
50-29-3	4,4-DDT	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-43-5	Methoxychlor	0.49	U	1	0.49	2.30	ug/kg	10/31/25 13:33	PB170340
53494-70-5	Endrin ketone	0.25	U	1	0.25	2.30	ug/kg	10/31/25 13:33	PB170340
7421-93-4	Endrin aldehyde	0.49	U	1	0.49	2.30	ug/kg	10/31/25 13:33	PB170340
5103-71-9	alpha-Chlordane	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
5103-74-2	gamma-Chlordane	0.20	U	1	0.20	2.30	ug/kg	10/31/25 13:33	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 13:33	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.1			20 - 144	81%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			19 - 148	99%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	980 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	10/31/25 15:34	PB170348
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	10/31/25 15:34	PB170348
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	10/31/25 15:34	PB170348
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	10/31/25 15:34	PB170348
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	10/31/25 15:34	PB170348
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	10/31/25 15:34	PB170348
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	10/31/25 15:34	PB170348
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	10/31/25 15:34	PB170348
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	10/31/25 15:34	PB170348
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	10/31/25 15:34	PB170348
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	10/31/25 15:34	PB170348
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	10/31/25 15:34	PB170348
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	10/31/25 15:34	PB170348
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	10/31/25 15:34	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25 15:34	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.8			57 - 171	84%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	100%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090924.D	PIBLK-PD090924.D	Decachlorobiphen	1	20	22.3	111		57	171
		Tetrachloro-m-xyl	1	20	20.4	102		61	148
		Decachlorobiphen	2	20	28.7	143		57	171
		Tetrachloro-m-xyl	2	20	23.8	119		61	148
PB170348BL	PB170348BL	Decachlorobiphen	1	20	21.9	110		57	171
		Tetrachloro-m-xyl	1	20	18.8	94		61	148
		Decachlorobiphen	2	20	27.2	136		57	171
		Tetrachloro-m-xyl	2	20	22.4	112		61	148
Q3495-03	TW-1025-1	Decachlorobiphen	1	20	13.4	67		57	171
		Tetrachloro-m-xyl	1	20	16.6	83		61	148
		Decachlorobiphen	2	20	16.8	84		57	171
		Tetrachloro-m-xyl	2	20	19.9	100		61	148
I.BLK-PD090932.D	PIBLK-PD090932.D	Decachlorobiphen	1	20	21.9	110		57	171
		Tetrachloro-m-xyl	1	20	20.3	102		61	148
		Decachlorobiphen	2	20	28.1	140		57	171
		Tetrachloro-m-xyl	2	20	23.1	116		61	148
I.BLK-PD090948.D	PIBLK-PD090948.D	Decachlorobiphen	1	20	17.7	89		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	12.9	65		57	171
		Tetrachloro-m-xyl	2	20	19.9	99		61	148
PB170348BSD	PB170348BSD	Decachlorobiphen	1	20	25.0	125		57	171
		Tetrachloro-m-xyl	1	20	26.8	134		61	148
		Decachlorobiphen	2	20	21.3	106		57	171
		Tetrachloro-m-xyl	2	20	28.5	142		61	148
PB170348BS	PB170348BS	Decachlorobiphen	1	20	24.8	124		57	171
		Tetrachloro-m-xyl	1	20	27.6	138		61	148
		Decachlorobiphen	2	20	22.9	115		57	171
		Tetrachloro-m-xyl	2	20	28.8	144		61	148
I.BLK-PD090956.D	PIBLK-PD090956.D	Decachlorobiphen	1	20	19.2	96		57	171
		Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	17.8	89		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PL097636.D	PIBLK-PL097636.D	Decachlorobiphen	1	20	20.2	101		57	171
		Tetrachloro-m-xyl	1	20	18.0	90		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
		Tetrachloro-m-xyl	2	20	18.7	94		61	148
I.BLK-PL097699.D	PIBLK-PL097699.D	Decachlorobiphen	1	20	22.7	113		57	171

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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PL097699.D	PIBLK-PL097699.D	Tetrachloro-m-xyl	1	20	23.6	118		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
		Tetrachloro-m-xyl	2	20	22.9	115		61	148
PB170340BL	PB170340BL	Decachlorobiphen	1	20	18.9	94		20	144
		Tetrachloro-m-xyl	1	20	19.4	97		19	148
		Decachlorobiphen	2	20	15.9	80		20	144
		Tetrachloro-m-xyl	2	20	20.0	100		19	148
PB170340BS	PB170340BS	Decachlorobiphen	1	20	23.4	117		20	144
		Tetrachloro-m-xyl	1	20	23.7	118		19	148
		Decachlorobiphen	2	20	19.8	99		20	144
		Tetrachloro-m-xyl	2	20	23.1	116		19	148
Q3495-02	SB-1025-2	Decachlorobiphen	1	20	16.1	81		20	144
		Tetrachloro-m-xyl	1	20	19.7	99		19	148
		Decachlorobiphen	2	20	14.3	72		20	144
		Tetrachloro-m-xyl	2	20	18.9	94		19	148
Q3495-02MS	SB-1025-2MS	Decachlorobiphen	1	20	14.8	74		20	144
		Tetrachloro-m-xyl	1	20	16.8	84		19	148
		Decachlorobiphen	2	20	12.8	64		20	144
		Tetrachloro-m-xyl	2	20	16.7	83		19	148
Q3495-02MSD	SB-1025-2MSD	Decachlorobiphen	1	20	14.9	74		20	144
		Tetrachloro-m-xyl	1	20	17.0	85		19	148
		Decachlorobiphen	2	20	13.4	67		20	144
		Tetrachloro-m-xyl	2	20	17.2	86		19	148
I.BLK-PL097714.D	PIBLK-PL097714.D	Decachlorobiphen	1	20	23.1	115		57	171
		Tetrachloro-m-xyl	1	20	23.0	115		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	23.6	118		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PL097707.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3495-02MS (Column 1)**	**Client Sample ID:**		**SB-1025-2MS**								
	alpha-BHC	22.16	0	22.1	ug/kg	100				60	144	
	beta-BHC	22.16	0	22.5	ug/kg	102				54	143	
	delta-BHC	22.16	0	23.0	ug/kg	104				29	151	
	gamma-BHC (Lindane)	22.16	0	22.1	ug/kg	100				61	140	
	Heptachlor	22.16	0	22.9	ug/kg	103				63	135	
	Aldrin	22.16	0	21.7	ug/kg	98				49	139	
	Heptachlor epoxide	22.16	0	21.1	ug/kg	95				41	156	
	Endosulfan I	22.16	0	21.4	ug/kg	97				56	142	
	Dieldrin	22.16	0	21.5	ug/kg	97				47	161	
	4,4'-DDE	22.16	0	22.6	ug/kg	102				55	136	
	Endrin	22.16	0	21.2	ug/kg	96				57	139	
	Endosulfan II	22.16	0	21.9	ug/kg	99				40	163	
	4,4'-DDD	22.16	0	23.3	ug/kg	105				47	163	
	Endosulfan sulfate	22.16	0	21.9	ug/kg	99				62	139	
	4,4'-DDT	22.16	0	22.1	ug/kg	100				51	146	
	Methoxychlor	22.16	0	21.5	ug/kg	97				54	136	
	Endrin ketone	22.16	0	21.7	ug/kg	98				60	129	
	Endrin aldehyde	22.16	0	21.6	ug/kg	97				59	132	
	alpha-Chlordane	22.16	0	21.4	ug/kg	97				39	166	
	gamma-Chlordane	22.16	0	21.9	ug/kg	99				44	175	
Lab Sample ID:	**Q3495-02MS (Column 2)**	**Client Sample ID:**		**SB-1025-2MS**								
	alpha-BHC	22.16	0	21.7	ug/kg	98				60	144	
	beta-BHC	22.16	0	20.7	ug/kg	93				54	143	
	delta-BHC	22.16	0	21.7	ug/kg	98				29	151	
	gamma-BHC (Lindane)	22.16	0	21.8	ug/kg	98				61	140	
	Heptachlor	22.16	0	21.4	ug/kg	97				63	135	
	Aldrin	22.16	0	21.8	ug/kg	98				49	139	
	Heptachlor epoxide	22.16	0	21.5	ug/kg	97				41	156	
	Endosulfan I	22.16	0	21.2	ug/kg	96				56	142	
	Dieldrin	22.16	0	21.6	ug/kg	97				47	161	
	4,4'-DDE	22.16	0	21.5	ug/kg	97				55	136	
	Endrin	22.16	0	22.1	ug/kg	100				57	139	
	Endosulfan II	22.16	0	21.0	ug/kg	95				40	163	
	4,4'-DDD	22.16	0	20.3	ug/kg	92				47	163	
	Endosulfan sulfate	22.16	0	20.2	ug/kg	91				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PL097707.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	22.16	0	20.6	ug/kg	93				51	146	
Methoxychlor	22.16	0	19.6	ug/kg	88				54	136	
Endrin ketone	22.16	0	19.9	ug/kg	90				60	129	
Endrin aldehyde	22.16	0	19.2	ug/kg	87				59	132	
alpha-Chlordane	22.16	0	21.3	ug/kg	96				39	166	
gamma-Chlordane	22.16	0	21.1	ug/kg	95				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PL097708.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3495-02MSD (Column 1)**	**Client Sample ID:**		**SB-1025-2MSD**								
	alpha-BHC	22.18	0	22.7	ug/kg	102		2		60	144	20
	beta-BHC	22.18	0	23.0	ug/kg	104		2		54	143	20
	delta-BHC	22.18	0	23.6	ug/kg	106		2		29	151	20
	gamma-BHC (Lindane)	22.18	0	22.6	ug/kg	102		2		61	140	20
	Heptachlor	22.18	0	23.5	ug/kg	106		3		63	135	20
	Aldrin	22.18	0	22.2	ug/kg	100		2		49	139	20
	Heptachlor epoxide	22.18	0	21.6	ug/kg	97		2		41	156	20
	Endosulfan I	22.18	0	22.1	ug/kg	100		3		56	142	20
	Dieldrin	22.18	0	22.0	ug/kg	99		2		47	161	20
	4,4'-DDE	22.18	0	23.3	ug/kg	105		3		55	136	20
	Endrin	22.18	0	21.7	ug/kg	98		2		57	139	20
	Endosulfan II	22.18	0	22.4	ug/kg	101		2		40	163	20
	4,4'-DDD	22.18	0	23.8	ug/kg	107		2		47	163	20
	Endosulfan sulfate	22.18	0	22.3	ug/kg	101		2		62	139	20
	4,4'-DDT	22.18	0	22.4	ug/kg	101		1		51	146	20
	Methoxychlor	22.18	0	21.4	ug/kg	96		1		54	136	20
	Endrin ketone	22.18	0	22.3	ug/kg	101		3		60	129	20
	Endrin aldehyde	22.18	0	22.2	ug/kg	100		3		59	132	20
	alpha-Chlordane	22.18	0	22.1	ug/kg	100		3		39	166	20
	gamma-Chlordane	22.18	0	22.3	ug/kg	101		2		44	175	20
Lab Sample ID:	**Q3495-02MSD (Column 2)**	**Client Sample ID:**		**SB-1025-2MSD**								
	alpha-BHC	22.18	0	22.3	ug/kg	101		3		60	144	20
	beta-BHC	22.18	0	21.2	ug/kg	96		3		54	143	20
	delta-BHC	22.18	0	22.3	ug/kg	101		3		29	151	20
	gamma-BHC (Lindane)	22.18	0	22.4	ug/kg	101		3		61	140	20
	Heptachlor	22.18	0	21.7	ug/kg	98		1		63	135	20
	Aldrin	22.18	0	22.4	ug/kg	101		3		49	139	20
	Heptachlor epoxide	22.18	0	21.9	ug/kg	99		2		41	156	20
	Endosulfan I	22.18	0	21.7	ug/kg	98		2		56	142	20
	Dieldrin	22.18	0	22.0	ug/kg	99		2		47	161	20
	4,4'-DDE	22.18	0	22.0	ug/kg	99		2		55	136	20
	Endrin	22.18	0	22.5	ug/kg	101		1		57	139	20
	Endosulfan II	22.18	0	21.5	ug/kg	97		2		40	163	20
	4,4'-DDD	22.18	0	20.9	ug/kg	94		2		47	163	20
	Endosulfan sulfate	22.18	0	20.8	ug/kg	94		3		62	139	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **DataFile :** PL097708.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	22.18	0	21.0	ug/kg	95		2		51	146	20
Methoxychlor	22.18	0	20.0	ug/kg	90		2		54	136	20
Endrin ketone	22.18	0	20.5	ug/kg	92		2		60	129	20
Endrin aldehyde	22.18	0	19.7	ug/kg	89		2		59	132	20
alpha-Chlordane	22.18	0	21.7	ug/kg	98		2		39	166	20
gamma-Chlordane	22.18	0	21.5	ug/kg	97		2		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD090950.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170348BSD (Column 1)	alpha-BHC	0.5	0.52	ug/L	104	0			85	130	20
	beta-BHC	0.5	0.49	ug/L	97	2			83	126	20
	delta-BHC	0.5	0.51	ug/L	103	0			69	141	20
	gamma-BHC (Lindane)	0.5	0.51	ug/L	103	0			82	129	20
	Heptachlor	0.5	0.63	ug/L	127	1			79	127	20
	Aldrin	0.5	0.51	ug/L	102	1			79	126	20
	Heptachlor epoxide	0.5	0.49	ug/L	97	4			81	124	20
	Endosulfan I	0.5	0.48	ug/L	97	1			85	122	20
	Dieldrin	0.5	0.49	ug/L	98	0			83	125	20
	4,4'-DDE	0.5	0.48	ug/L	97	1			80	127	20
	Endrin	0.5	0.47	ug/L	95	2			81	128	20
	Endosulfan II	0.5	0.48	ug/L	95	2			82	123	20
	4,4'-DDD	0.5	0.49	ug/L	98	1			77	131	20
	Endosulfan sulfate	0.5	0.45	ug/L	91	1			76	129	20
	4,4'-DDT	0.5	0.48	ug/L	95	1			80	133	20
	Methoxychlor	0.5	0.47	ug/L	94	2			78	108	20
	Endrin ketone	0.5	0.46	ug/L	91	1			80	131	20
	Endrin aldehyde	0.5	0.44	ug/L	89	1			82	127	20
	alpha-Chlordane	0.5	0.47	ug/L	93	4			82	125	20
	gamma-Chlordane	0.5	0.48	ug/L	97	3			82	125	20
PB170348BSD (Column 2)	alpha-BHC	0.5	0.51	ug/L	102	1			85	130	20
	beta-BHC	0.5	0.50	ug/L	99	1			83	126	20
	delta-BHC	0.5	0.50	ug/L	101	1			69	141	20
	gamma-BHC (Lindane)	0.5	0.51	ug/L	101	1			82	129	20
	Heptachlor	0.5	0.53	ug/L	106	1			79	127	20
	Aldrin	0.5	0.50	ug/L	101	0			79	126	20
	Heptachlor epoxide	0.5	0.50	ug/L	100	0			81	124	20
	Endosulfan I	0.5	0.49	ug/L	98	3			85	122	20
	Dieldrin	0.5	0.48	ug/L	96	3			83	125	20
	4,4'-DDE	0.5	0.48	ug/L	96	3			80	127	20
	Endrin	0.5	0.46	ug/L	92	4			81	128	20
	Endosulfan II	0.5	0.45	ug/L	91	3			82	123	20
	4,4'-DDD	0.5	0.47	ug/L	94	4			77	131	20
	Endosulfan sulfate	0.5	0.44	ug/L	88	4			76	129	20
	4,4'-DDT	0.5	0.46	ug/L	92	2			80	133	20
	Methoxychlor	0.5	0.43	ug/L	87	3			78	108	20
	Endrin ketone	0.5	0.41	ug/L	82	7			80	131	20
	Endrin aldehyde	0.5	0.45	ug/L	89	1			82	127	20
	alpha-Chlordane	0.5	0.49	ug/L	98	2			82	125	20
	gamma-Chlordane	0.5	0.49	ug/L	99	2			82	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PD090952.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170348BS (Column 1)	alpha-BHC	0.5	0.52	ug/L	104				85	130	
	beta-BHC	0.5	0.50	ug/L	99				83	126	
	delta-BHC	0.5	0.51	ug/L	103				69	141	
	gamma-BHC (Lindane)	0.5	0.51	ug/L	103				82	129	
	Heptachlor	0.5	0.63	ug/L	126				79	127	
	Aldrin	0.5	0.51	ug/L	103				79	126	
	Heptachlor epoxide	0.5	0.50	ug/L	101				81	124	
	Endosulfan I	0.5	0.49	ug/L	98				85	122	
	Dieldrin	0.5	0.49	ug/L	98				83	125	
	4,4'-DDE	0.5	0.48	ug/L	96				80	127	
	Endrin	0.5	0.48	ug/L	97				81	128	
	Endosulfan II	0.5	0.48	ug/L	97				82	123	
	4,4'-DDD	0.5	0.50	ug/L	99				77	131	
	Endosulfan sulfate	0.5	0.46	ug/L	92				76	129	
	4,4'-DDT	0.5	0.48	ug/L	96				80	133	
	Methoxychlor	0.5	0.48	ug/L	96				78	108	
	Endrin ketone	0.5	0.46	ug/L	92				80	131	
	Endrin aldehyde	0.5	0.45	ug/L	90				82	127	
	alpha-Chlordane	0.5	0.49	ug/L	97				82	125	
	gamma-Chlordane	0.5	0.50	ug/L	100				82	125	
PB170348BS (Column 2)	alpha-BHC	0.5	0.51	ug/L	103				85	130	
	beta-BHC	0.5	0.50	ug/L	100				83	126	
	delta-BHC	0.5	0.51	ug/L	102				69	141	
	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				82	129	
	Heptachlor	0.5	0.54	ug/L	107				79	127	
	Aldrin	0.5	0.51	ug/L	101				79	126	
	Heptachlor epoxide	0.5	0.50	ug/L	100				81	124	
	Endosulfan I	0.5	0.50	ug/L	101				85	122	
	Dieldrin	0.5	0.49	ug/L	99				83	125	
	4,4'-DDE	0.5	0.50	ug/L	99				80	127	
	Endrin	0.5	0.48	ug/L	96				81	128	
	Endosulfan II	0.5	0.47	ug/L	94				82	123	
	4,4'-DDD	0.5	0.49	ug/L	98				77	131	
	Endosulfan sulfate	0.5	0.46	ug/L	92				76	129	
	4,4'-DDT	0.5	0.47	ug/L	94				80	133	
	Methoxychlor	0.5	0.45	ug/L	90				78	108	
	Endrin ketone	0.5	0.44	ug/L	88				80	131	
	Endrin aldehyde	0.5	0.45	ug/L	90				82	127	
	alpha-Chlordane	0.5	0.50	ug/L	100				82	125	
	gamma-Chlordane	0.5	0.50	ug/L	101				82	125	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8081B

Client: Remington & Vernick Engineers **Datafile :** PL097705.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170340BS (Column 1)	alpha-BHC	16.65	17.0	ug/kg	102				84	123	
	beta-BHC	16.65	17.1	ug/kg	103				82	123	
	delta-BHC	16.65	17.4	ug/kg	105				83	126	
	gamma-BHC (Lindane)	16.65	17.0	ug/kg	102				83	125	
	Heptachlor	16.65	17.1	ug/kg	103				83	122	
	Aldrin	16.65	16.6	ug/kg	100				82	124	
	Heptachlor epoxide	16.65	16.0	ug/kg	96				83	120	
	Endosulfan I	16.65	16.1	ug/kg	97				81	124	
	Dieldrin	16.65	16.1	ug/kg	97				85	121	
	4,4'-DDE	16.65	16.8	ug/kg	101				81	123	
	Endrin	16.65	16.0	ug/kg	96				76	130	
	Endosulfan II	16.65	17.0	ug/kg	102				80	125	
	4,4'-DDD	16.65	18.0	ug/kg	108				80	131	
	Endosulfan sulfate	16.65	16.4	ug/kg	98				81	122	
	4,4'-DDT	16.65	16.3	ug/kg	98				70	129	
	Methoxychlor	16.65	15.2	ug/kg	91				60	119	
	Endrin ketone	16.65	16.8	ug/kg	101				77	132	
	Endrin aldehyde	16.65	16.3	ug/kg	98				79	124	
	alpha-Chlordane	16.65	16.2	ug/kg	97				84	120	
	gamma-Chlordane	16.65	16.5	ug/kg	99				83	122	
PB170340BS (Column 2)	alpha-BHC	16.65	16.9	ug/kg	102				84	123	
	beta-BHC	16.65	15.9	ug/kg	95				82	123	
	delta-BHC	16.65	16.7	ug/kg	100				83	126	
	gamma-BHC (Lindane)	16.65	16.9	ug/kg	102				83	125	
	Heptachlor	16.65	16.4	ug/kg	98				83	122	
	Aldrin	16.65	16.8	ug/kg	101				82	124	
	Heptachlor epoxide	16.65	16.3	ug/kg	98				83	120	
	Endosulfan I	16.65	15.8	ug/kg	95				81	124	
	Dieldrin	16.65	16.5	ug/kg	99				85	121	
	4,4'-DDE	16.65	16.3	ug/kg	98				81	123	
	Endrin	16.65	17.3	ug/kg	104				76	130	
	Endosulfan II	16.65	15.4	ug/kg	92				80	125	
	4,4'-DDD	16.65	16.1	ug/kg	97				80	131	
	Endosulfan sulfate	16.65	15.0	ug/kg	90				81	122	
	4,4'-DDT	16.65	14.9	ug/kg	89				70	129	
	Methoxychlor	16.65	14.2	ug/kg	85				60	119	
	Endrin ketone	16.65	16.1	ug/kg	97				77	132	
	Endrin aldehyde	16.65	14.2	ug/kg	85				79	124	
	alpha-Chlordane	16.65	16.1	ug/kg	97				84	120	
	gamma-Chlordane	16.65	16.0	ug/kg	96				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170340BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab Sample ID: PB170340BL | Lab File ID: PL097704.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025 | Date Analyzed (2): 10/31/2025

Time Analyzed (1): 13:06 | Time Analyzed (2): 13:06

Instrument ID (1): ECD_L | Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170340BS	PB170340BS	PL097705.D	10/31/2025	10/31/2025
SB-1025-2	Q3495-02	PL097706.D	10/31/2025	10/31/2025
SB-1025-2MS	Q3495-02MS	PL097707.D	10/31/2025	10/31/2025
SB-1025-2MSD	Q3495-02MSD	PL097708.D	10/31/2025	10/31/2025

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170348BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab Sample ID: PB170348BL | Lab File ID: PD090927.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025 | Date Analyzed (2): 10/31/2025

Time Analyzed (1): 14:37 | Time Analyzed (2): 14:37

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
TW-1025-1	Q3495-03	PD090931.D	10/31/2025	10/31/2025
PB170348BSD	PB170348BSD	PD090950.D	11/04/2025	11/04/2025
PB170348BS	PB170348BS	PD090952.D	11/04/2025	11/04/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170340BL	SDG No.:	Q3495
Lab Sample ID:	PB170340BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	10/31/25 13:06	PB170340
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	10/31/25 13:06	PB170340
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	10/31/25 13:06	PB170340
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	10/31/25 13:06	PB170340
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	10/31/25 13:06	PB170340
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	10/31/25 13:06	PB170340
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	10/31/25 13:06	PB170340
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	10/31/25 13:06	PB170340
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	10/31/25 13:06	PB170340
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	10/31/25 13:06	PB170340
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	10/31/25 13:06	PB170340
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/31/25 13:06	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.9			20 - 144	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			19 - 148	100%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170348BL	SDG No.:	Q3495
Lab Sample ID:	PB170348BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/31/25 14:37	PB170348
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25 14:37	PB170348
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25 14:37	PB170348
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25 14:37	PB170348
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25 14:37	PB170348
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25 14:37	PB170348
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25 14:37	PB170348
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25 14:37	PB170348
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25 14:37	PB170348
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25 14:37	PB170348
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25 14:37	PB170348
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25 14:37	PB170348
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25 14:37	PB170348
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25 14:37	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25 14:37	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.2			57 - 171	136%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.4			61 - 148	112%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/17/25
Project:	Maclearie Park	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PD090924.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090924.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pd103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pd103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pd103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pd103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pd103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pd103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pd103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pd103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pd103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.7			57 - 171	143%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.8			61 - 148	119%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PD090932.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090932.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pd103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pd103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pd103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pd103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pd103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pd103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pd103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pd103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pd103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.1			57 - 171	140%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.1			61 - 148	116%	SPK: 20		

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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Maclearie Park	Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090948.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090948.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/04/25	pd110425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/04/25	pd110425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/04/25	pd110425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/04/25	pd110425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/04/25	pd110425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	17.7			57 - 171	89%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	99%	SPK: 20		

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/04/25
Project:	Maclearie Park	Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090956.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090956.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/04/25	pd110425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/04/25	pd110425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/04/25	pd110425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/04/25	pd110425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/04/25	pd110425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.2			57 - 171	96%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/28/25
Project:	Maclearie Park	Date Received:	10/28/25
Client Sample ID:	PIBLK-PL097636.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097636.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	PL102825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/28/25	PL102825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	PL102825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	PL102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	PL102825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/28/25	PL102825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	PL102825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	PL102825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/28/25	PL102825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/28/25	PL102825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	PL102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/28/25	PL102825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	PL102825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	PL102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	PL102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.2			57 - 171	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.7			61 - 148	94%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PL097699.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097699.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pl103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pl103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pl103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pl103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pl103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pl103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pl103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pl103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pl103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.7			57 - 171	113%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			61 - 148	118%	SPK: 20		

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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PL097714.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097714.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pl103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pl103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pl103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pl103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pl103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pl103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pl103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pl103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pl103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			57 - 171	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			61 - 148	118%	SPK: 20		

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170340BS	SDG No.:	Q3495
Lab Sample ID:	PB170340BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.0		1	0.13	1.70	ug/kg	10/31/25 13:19	PB170340
319-85-7	beta-BHC	17.1		1	0.18	1.70	ug/kg	10/31/25 13:19	PB170340
319-86-8	delta-BHC	17.4		1	0.39	1.70	ug/kg	10/31/25 13:19	PB170340
58-89-9	gamma-BHC (Lindane)	17.0		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
76-44-8	Heptachlor	17.1		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
309-00-2	Aldrin	16.8		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
1024-57-3	Heptachlor epoxide	16.3		1	0.19	1.70	ug/kg	10/31/25 13:19	PB170340
959-98-8	Endosulfan I	16.1		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
60-57-1	Dieldrin	16.5		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-55-9	4,4-DDE	16.8		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-20-8	Endrin	17.3		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
33213-65-9	Endosulfan II	17.0		1	0.29	1.70	ug/kg	10/31/25 13:19	PB170340
72-54-8	4,4-DDD	18.0		1	0.15	1.70	ug/kg	10/31/25 13:19	PB170340
1031-07-8	Endosulfan Sulfate	16.4		1	0.13	1.70	ug/kg	10/31/25 13:19	PB170340
50-29-3	4,4-DDT	16.3		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-43-5	Methoxychlor	15.2		1	0.37	1.70	ug/kg	10/31/25 13:19	PB170340
53494-70-5	Endrin ketone	16.8		1	0.19	1.70	ug/kg	10/31/25 13:19	PB170340
7421-93-4	Endrin aldehyde	16.3		1	0.37	1.70	ug/kg	10/31/25 13:19	PB170340
5103-71-9	alpha-Chlordane	16.2		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
5103-74-2	gamma-Chlordane	16.5		1	0.15	1.70	ug/kg	10/31/25 13:19	PB170340
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/31/25 13:19	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.4			20 - 144	117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.7			19 - 148	118%	SPK: 20		

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170348BS	SDG No.:	Q3495
Lab Sample ID:	PB170348BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.52		1	0.0039	0.050	ug/L	11/04/25 14:22	PB170348
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/04/25 14:22	PB170348
319-86-8	delta-BHC	0.51		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
76-44-8	Heptachlor	0.63		1	0.0027	0.050	ug/L	11/04/25 14:22	PB170348
309-00-2	Aldrin	0.51		1	0.0036	0.050	ug/L	11/04/25 14:22	PB170348
1024-57-3	Heptachlor epoxide	0.50		1	0.0096	0.050	ug/L	11/04/25 14:22	PB170348
959-98-8	Endosulfan I	0.50		1	0.0031	0.050	ug/L	11/04/25 14:22	PB170348
60-57-1	Dieldrin	0.49		1	0.0036	0.050	ug/L	11/04/25 14:22	PB170348
72-55-9	4,4-DDE	0.50		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
72-20-8	Endrin	0.48		1	0.0032	0.050	ug/L	11/04/25 14:22	PB170348
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/04/25 14:22	PB170348
72-54-8	4,4-DDD	0.50		1	0.0071	0.050	ug/L	11/04/25 14:22	PB170348
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
50-29-3	4,4-DDT	0.48		1	0.0035	0.050	ug/L	11/04/25 14:22	PB170348
72-43-5	Methoxychlor	0.48		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
53494-70-5	Endrin ketone	0.46		1	0.0093	0.050	ug/L	11/04/25 14:22	PB170348
7421-93-4	Endrin aldehyde	0.45		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
5103-71-9	alpha-Chlordane	0.50		1	0.0035	0.050	ug/L	11/04/25 14:22	PB170348
5103-74-2	gamma-Chlordane	0.50		1	0.0039	0.050	ug/L	11/04/25 14:22	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 14:22	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.8			57 - 171	124%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.8			61 - 148	144%	SPK: 20		

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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170348BSD	SDG No.:	Q3495
Lab Sample ID:	PB170348BSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.52		1	0.0039	0.050	ug/L	11/04/25 13:52	PB170348
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/04/25 13:52	PB170348
319-86-8	delta-BHC	0.51		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
76-44-8	Heptachlor	0.63		1	0.0027	0.050	ug/L	11/04/25 13:52	PB170348
309-00-2	Aldrin	0.51		1	0.0036	0.050	ug/L	11/04/25 13:52	PB170348
1024-57-3	Heptachlor epoxide	0.50		1	0.0096	0.050	ug/L	11/04/25 13:52	PB170348
959-98-8	Endosulfan I	0.49		1	0.0031	0.050	ug/L	11/04/25 13:52	PB170348
60-57-1	Dieldrin	0.49		1	0.0036	0.050	ug/L	11/04/25 13:52	PB170348
72-55-9	4,4-DDE	0.48		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
72-20-8	Endrin	0.47		1	0.0032	0.050	ug/L	11/04/25 13:52	PB170348
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/04/25 13:52	PB170348
72-54-8	4,4-DDD	0.49		1	0.0071	0.050	ug/L	11/04/25 13:52	PB170348
1031-07-8	Endosulfan Sulfate	0.45		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
50-29-3	4,4-DDT	0.48		1	0.0035	0.050	ug/L	11/04/25 13:52	PB170348
72-43-5	Methoxychlor	0.47		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
53494-70-5	Endrin ketone	0.46		1	0.0093	0.050	ug/L	11/04/25 13:52	PB170348
7421-93-4	Endrin aldehyde	0.45		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
5103-71-9	alpha-Chlordane	0.49		1	0.0035	0.050	ug/L	11/04/25 13:52	PB170348
5103-74-2	gamma-Chlordane	0.49		1	0.0039	0.050	ug/L	11/04/25 13:52	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 13:52	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.0			57 - 171	125%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.5			61 - 148	142%	SPK: 20		

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	75.1
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	22.1		1	0.17	2.30	ug/kg	10/31/25 13:47	PB170340
319-85-7	beta-BHC	22.5		1	0.24	2.30	ug/kg	10/31/25 13:47	PB170340
319-86-8	delta-BHC	23.0		1	0.52	2.30	ug/kg	10/31/25 13:47	PB170340
58-89-9	gamma-BHC (Lindane)	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
76-44-8	Heptachlor	22.9		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
309-00-2	Aldrin	21.8		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
1024-57-3	Heptachlor epoxide	21.5		1	0.25	2.30	ug/kg	10/31/25 13:47	PB170340
959-98-8	Endosulfan I	21.4		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
60-57-1	Dieldrin	21.6		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-55-9	4,4-DDE	22.6		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-20-8	Endrin	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
33213-65-9	Endosulfan II	21.9		1	0.39	2.30	ug/kg	10/31/25 13:47	PB170340
72-54-8	4,4-DDD	23.3		1	0.20	2.30	ug/kg	10/31/25 13:47	PB170340
1031-07-8	Endosulfan Sulfate	21.9		1	0.17	2.30	ug/kg	10/31/25 13:47	PB170340
50-29-3	4,4-DDT	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-43-5	Methoxychlor	21.5		1	0.49	2.30	ug/kg	10/31/25 13:47	PB170340
53494-70-5	Endrin ketone	21.7		1	0.25	2.30	ug/kg	10/31/25 13:47	PB170340
7421-93-4	Endrin aldehyde	21.6		1	0.49	2.30	ug/kg	10/31/25 13:47	PB170340
5103-71-9	alpha-Chlordane	21.4		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
5103-74-2	gamma-Chlordane	21.9		1	0.20	2.30	ug/kg	10/31/25 13:47	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 13:47	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.8			20 - 144	74%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.8			19 - 148	84%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	75.1
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	22.7		1	0.17	2.30	ug/kg	10/31/25 14:00	PB170340
319-85-7	beta-BHC	23.0		1	0.24	2.30	ug/kg	10/31/25 14:00	PB170340
319-86-8	delta-BHC	23.6		1	0.52	2.30	ug/kg	10/31/25 14:00	PB170340
58-89-9	gamma-BHC (Lindane)	22.6		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
76-44-8	Heptachlor	23.5		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
309-00-2	Aldrin	22.4		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
1024-57-3	Heptachlor epoxide	21.9		1	0.25	2.30	ug/kg	10/31/25 14:00	PB170340
959-98-8	Endosulfan I	22.1		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
60-57-1	Dieldrin	22.0		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-55-9	4,4-DDE	23.3		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-20-8	Endrin	22.5		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
33213-65-9	Endosulfan II	22.4		1	0.39	2.30	ug/kg	10/31/25 14:00	PB170340
72-54-8	4,4-DDD	23.8		1	0.20	2.30	ug/kg	10/31/25 14:00	PB170340
1031-07-8	Endosulfan Sulfate	22.3		1	0.17	2.30	ug/kg	10/31/25 14:00	PB170340
50-29-3	4,4-DDT	22.4		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-43-5	Methoxychlor	21.4		1	0.49	2.30	ug/kg	10/31/25 14:00	PB170340
53494-70-5	Endrin ketone	22.3		1	0.25	2.30	ug/kg	10/31/25 14:00	PB170340
7421-93-4	Endrin aldehyde	22.2		1	0.49	2.30	ug/kg	10/31/25 14:00	PB170340
5103-71-9	alpha-Chlordane	22.1		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
5103-74-2	gamma-Chlordane	22.3		1	0.20	2.30	ug/kg	10/31/25 14:00	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 14:00	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.9			20 - 144	74%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.2			19 - 148	86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL097639.D RT 075 = PL097640.D
RT 050 = PL097641.D RT 025 = PL097642.D RT 005 = PL097643.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
4,4'-DDE	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
4,4'-DDT	6.97	6.97	6.97	6.97	6.97	6.97	6.87	7.07
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.97	3.97	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	8.99	8.99	8.99	9.00	8.99	8.99	8.89	9.09
delta-BHC	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Dieldrin	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Endosulfan sulfate	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Endrin ketone	7.58	7.58	7.58	7.58	7.58	7.58	7.48	7.68
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.52	3.52	3.52	3.52	3.52	3.52	3.42	3.62

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L
Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL097639.D RT 075 = PL097640.D
RT 050 = PL097641.D RT 025 = PL097642.D RT 005 = PL097643.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.84	5.84	5.74	5.94
4,4'-DDE	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.10	5.10	5.10	5.10	5.10	5.00	5.20
beta-BHC	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Decachlorobiphenyl	7.98	7.98	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.42	5.42	5.42	5.42	5.42	5.42	5.32	5.52
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL097639.D **CF 075 =** PL097640.D
CF 050 = PL097641.D **CF 025 =** PL097642.D **CF 005 =** PL097643.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3567700000	3596420000	3519300000	3523300000	3666310000	3574610000	2
4,4'-DDE	4662610000	4685370000	4441220000	4360150000	4797990000	4589470000	4
4,4'-DDT	4001630000	4034700000	3952490000	3902070000	4268650000	4031910000	4
Aldrin	6058100000	6091030000	5945310000	5940210000	6490500000	6105030000	4
alpha-BHC	6928520000	6914720000	6685810000	6608510000	6833540000	6794220000	2
alpha-Chlordane	5318710000	5392920000	5297330000	5359280000	6080300000	5489710000	6
beta-BHC	2483420000	2529180000	2519150000	2622160000	2877130000	2606210000	6
Decachlorobiphenyl	2752980000	2829430000	2855460000	2954080000	3483880000	2975170000	10
delta-BHC	5971560000	5952370000	5775720000	5721570000	6304030000	5945050000	4
Dieldrin	5283750000	5330610000	5235600000	5266320000	5691530000	5361560000	4
Endosulfan I	4923010000	4986140000	4874360000	4922540000	5508940000	5043000000	5
Endosulfan II	4327360000	4378110000	4392730000	4521570000	5144310000	4552820000	7
Endosulfan sulfate	3758840000	3821150000	3776740000	3833480000	4357140000	3909470000	6
Endrin	4454260000	4378530000	4274020000	4464660000	4827220000	4479740000	5
Endrin aldehyde	3101220000	3164730000	3160050000	3271010000	3752980000	3290000000	8
Endrin ketone	4059380000	4127980000	4091630000	4143360000	4391020000	4162670000	3
gamma-BHC (Lindane)	6439530000	6439050000	6256040000	6236810000	6572420000	6388770000	2
gamma-Chlordane	5419060000	5469220000	5358210000	5341330000	5823080000	5482180000	4
Heptachlor	6313730000	6354930000	6248720000	6339570000	6718330000	6395060000	3
Heptachlor epoxide	5349750000	5417960000	5398670000	5652150000	7338600000	5831430000	15
Methoxychlor	1916410000	1969950000	1972250000	2019390000	2326100000	2040820000	8
Tetrachloro-m-xylene	3969760000	4019030000	3978350000	4085520000	4406630000	4091860000	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PL097639.D CF 075 = PL097640.D
CF 050 = PL097641.D CF 025 = PL097642.D CF 005 = PL097643.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6275870000	6447250000	6304230000	6280450000	6746180000	6410790000	3
4,4'-DDE	7606260000	7779780000	7589550000	7495840000	7855120000	7665310000	2
4,4'-DDT	6819710000	6969130000	6786060000	6778330000	7038460000	6878340000	2
Aldrin	8434770000	8618140000	8473930000	8459580000	8998980000	8597080000	3
alpha-BHC	9819830000	9929670000	9677710000	9562720000	9654590000	9728900000	1
alpha-Chlordane	7955180000	8182630000	8114990000	8327570000	8936440000	8303360000	5
beta-BHC	3699680000	3793400000	3790740000	3929010000	4543610000	3951290000	9
Decachlorobiphenyl	4847190000	5011950000	5033010000	5379370000	6452460000	5344800000	12
delta-BHC	9007400000	9145200000	8903490000	8797930000	9020540000	8974910000	1
Dieldrin	7848960000	8071420000	7933490000	7923410000	8420040000	8039460000	3
Endosulfan I	7063640000	7307870000	7289790000	7533680000	8447240000	7528440000	7
Endosulfan II	6655110000	6864970000	6820360000	6950360000	7820390000	7022240000	7
Endosulfan sulfate	6329550000	6567420000	6538450000	6724860000	7571530000	6746360000	7
Endrin	6696330000	6920810000	6835150000	6953450000	7577070000	6996560000	5
Endrin aldehyde	4975120000	5183660000	5236320000	5611370000	7771040000	5755500000	20
Endrin ketone	6941110000	7218950000	7210830000	7499260000	8349000000	7443830000	7
gamma-BHC (Lindane)	9025580000	9156440000	8952920000	8943570000	9216610000	9059020000	1
gamma-Chlordane	8266210000	8501510000	8457090000	8767920000	9279040000	8654350000	5
Heptachlor	8675510000	8892850000	8832330000	8964890000	9961270000	9065370000	6
Heptachlor epoxide	7443930000	7693490000	7641160000	7770100000	8710360000	7851810000	6
Methoxychlor	3414390000	3555870000	3587550000	3765390000	4253070000	3715250000	9
Tetrachloro-m-xylene	5762550000	5872210000	5827140000	5996140000	6637090000	6019020000	6

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_L **Date(s) Analyzed:** 10/28/2025 10/28/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.20	6.10	6.30	40325100
		2	6.60	6.50	6.70	29864600
		3	7.01	6.91	7.11	141530000
		4	7.10	7.00	7.20	102524000
		5	7.88	7.78	7.98	73398900

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_L **Date(s) Analyzed:** 10/28/2025 10/28/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.06	4.96	5.16	42932600
		2	5.75	5.65	5.85	48959900
		3	6.03	5.93	6.13	56151700
		4	6.66	6.56	6.76	172906000
		5	7.10	7.00	7.20	107207000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 11:09 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.06	8.96	9.16	-0.02
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.70	5.68	5.58	5.78	-0.02
Endosulfan I	6.08	6.07	5.97	6.17	-0.01
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.16	7.15	7.05	7.25	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01
Endrin ketone	7.64	7.63	7.53	7.73	-0.01
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 11:09 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.06	7.96	8.16	-0.01
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.87	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.50	5.40	5.60	-0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.48	6.47	6.37	6.57	-0.01
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.99	6.98	6.88	7.08	-0.01
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090926.D **Time Analyzed:** 11:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.712	6.600	6.800	48.540	50.000	-2.9
4,4'-DDE	6.202	6.090	6.290	45.040	50.000	-9.9
4,4'-DDT	7.028	6.915	7.115	51.870	50.000	3.7
Aldrin	5.274	5.164	5.364	45.260	50.000	-9.5
alpha-BHC	4.003	3.894	4.094	45.180	50.000	-9.6
alpha-Chlordane	6.032	5.921	6.121	43.400	50.000	-13.2
beta-BHC	4.522	4.412	4.612	43.330	50.000	-13.3
Decachlorobiphenyl	9.081	8.964	9.164	43.690	50.000	-12.6
delta-BHC	4.770	4.660	4.860	45.000	50.000	-10.0
Dieldrin	6.352	6.240	6.440	46.130	50.000	-7.7
Endosulfan I	6.079	5.968	6.168	45.300	50.000	-9.4
Endosulfan II	6.792	6.681	6.881	46.350	50.000	-7.3
Endosulfan sulfate	7.156	7.045	7.245	45.990	50.000	-8.0
Endrin	6.580	6.468	6.668	46.810	50.000	-6.4
Endrin aldehyde	6.922	6.810	7.010	47.350	50.000	-5.3
Endrin ketone	7.637	7.525	7.725	47.160	50.000	-5.7
gamma-BHC (Lindane)	4.334	4.225	4.425	44.400	50.000	-11.2
gamma-Chlordane	5.951	5.840	6.040	45.120	50.000	-9.8
Heptachlor	4.932	4.823	5.023	56.000	50.000	12.0
Heptachlor epoxide	5.695	5.584	5.784	44.950	50.000	-10.1
Methoxychlor	7.501	7.388	7.588	52.280	50.000	4.6
Tetrachloro-m-xylene	3.552	3.445	3.645	42.890	50.000	-14.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090926.D **Time Analyzed:** 11:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.923	5.821	6.021	50.860	50.000	1.7
4,4'-DDE	5.367	5.266	5.466	50.270	50.000	0.5
4,4'-DDT	6.177	6.074	6.274	57.220	50.000	14.4
Aldrin	4.361	4.261	4.461	49.550	50.000	-0.9
alpha-BHC	3.386	3.287	3.487	49.450	50.000	-1.1
alpha-Chlordane	5.183	5.081	5.281	50.040	50.000	0.1
beta-BHC	4.019	3.919	4.119	48.710	50.000	-2.6
Decachlorobiphenyl	8.066	7.962	8.162	56.820	50.000	13.6
delta-BHC	4.255	4.155	4.355	49.160	50.000	-1.7
Dieldrin	5.506	5.404	5.604	50.670	50.000	1.3
Endosulfan I	5.240	5.138	5.338	48.720	50.000	-2.6
Endosulfan II	6.074	5.972	6.172	52.200	50.000	4.4
Endosulfan sulfate	6.477	6.374	6.574	52.480	50.000	5.0
Endrin	5.783	5.681	5.881	51.560	50.000	3.1
Endrin aldehyde	6.253	6.150	6.350	52.780	50.000	5.6
Endrin ketone	6.985	6.883	7.083	58.590	50.000	17.2
gamma-BHC (Lindane)	3.723	3.623	3.823	49.340	50.000	-1.3
gamma-Chlordane	5.118	5.017	5.217	50.120	50.000	0.2
Heptachlor	4.075	3.975	4.175	51.770	50.000	3.5
Heptachlor epoxide	4.865	4.764	4.964	48.690	50.000	-2.6
Methoxychlor	6.748	6.645	6.845	56.010	50.000	12.0
Tetrachloro-m-xylene	2.873	2.775	2.975	48.290	50.000	-3.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 16:01 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.50	5.40	5.60	-0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090933.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.702	6.600	6.800	46.530	50.000	-6.9
4,4'-DDE	6.192	6.090	6.290	43.680	50.000	-12.6
4,4'-DDT	7.018	6.915	7.115	50.220	50.000	0.4
Aldrin	5.265	5.164	5.364	44.350	50.000	-11.3
alpha-BHC	3.995	3.894	4.094	44.810	50.000	-10.4
alpha-Chlordane	6.022	5.921	6.121	42.650	50.000	-14.7
beta-BHC	4.513	4.412	4.612	43.330	50.000	-13.3
Decachlorobiphenyl	9.070	8.964	9.164	42.870	50.000	-14.3
delta-BHC	4.761	4.660	4.860	43.970	50.000	-12.1
Dieldrin	6.343	6.240	6.440	45.000	50.000	-10.0
Endosulfan I	6.070	5.968	6.168	44.180	50.000	-11.6
Endosulfan II	6.783	6.681	6.881	44.920	50.000	-10.2
Endosulfan sulfate	7.147	7.045	7.245	44.700	50.000	-10.6
Endrin	6.570	6.468	6.668	45.550	50.000	-8.9
Endrin aldehyde	6.912	6.810	7.010	46.010	50.000	-8.0
Endrin ketone	7.628	7.525	7.725	45.830	50.000	-8.3
gamma-BHC (Lindane)	4.326	4.225	4.425	44.280	50.000	-11.4
gamma-Chlordane	5.942	5.840	6.040	43.940	50.000	-12.1
Heptachlor	4.924	4.823	5.023	54.600	50.000	9.2
Heptachlor epoxide	5.686	5.584	5.784	44.780	50.000	-10.4
Methoxychlor	7.491	7.388	7.588	50.720	50.000	1.4
Tetrachloro-m-xylene	3.545	3.445	3.645	43.080	50.000	-13.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090933.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.921	5.821	6.021	50.070	50.000	0.1
4,4'-DDE	5.366	5.266	5.466	49.650	50.000	-0.7
4,4'-DDT	6.174	6.074	6.274	56.020	50.000	12.0
Aldrin	4.360	4.261	4.461	49.190	50.000	-1.6
alpha-BHC	3.386	3.287	3.487	48.830	50.000	-2.3
alpha-Chlordane	5.181	5.081	5.281	49.170	50.000	-1.7
beta-BHC	4.019	3.919	4.119	48.210	50.000	-3.6
Decachlorobiphenyl	8.062	7.962	8.162	56.070	50.000	12.1
delta-BHC	4.255	4.155	4.355	48.750	50.000	-2.5
Dieldrin	5.505	5.404	5.604	50.000	50.000	0.0
Endosulfan I	5.238	5.138	5.338	47.980	50.000	-4.0
Endosulfan II	6.072	5.972	6.172	50.960	50.000	1.9
Endosulfan sulfate	6.474	6.374	6.574	51.370	50.000	2.7
Endrin	5.781	5.681	5.881	51.480	50.000	3.0
Endrin aldehyde	6.251	6.150	6.350	51.790	50.000	3.6
Endrin ketone	6.983	6.883	7.083	56.530	50.000	13.1
gamma-BHC (Lindane)	3.723	3.623	3.823	48.820	50.000	-2.4
gamma-Chlordane	5.117	5.017	5.217	49.240	50.000	-1.5
Heptachlor	4.075	3.975	4.175	51.650	50.000	3.3
Heptachlor epoxide	4.864	4.764	4.964	48.020	50.000	-4.0
Methoxychlor	6.745	6.645	6.845	56.430	50.000	12.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.690	50.000	-4.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 11/04/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:29 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 11/04/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 13:29 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/04/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090949.D **Time Analyzed:** 13:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.706	6.600	6.800	51.660	50.000	3.3
4,4'-DDE	6.197	6.090	6.290	48.680	50.000	-2.6
4,4'-DDT	7.022	6.915	7.115	48.520	50.000	-3.0
Aldrin	5.270	5.164	5.364	52.900	50.000	5.8
alpha-BHC	4.000	3.894	4.094	55.710	50.000	11.4
alpha-Chlordane	6.027	5.921	6.121	47.950	50.000	-4.1
beta-BHC	4.519	4.412	4.612	51.550	50.000	3.1
Decachlorobiphenyl	9.074	8.964	9.164	43.990	50.000	-12.0
delta-BHC	4.767	4.660	4.860	54.270	50.000	8.5
Dieldrin	6.347	6.240	6.440	50.090	50.000	0.2
Endosulfan I	6.074	5.968	6.168	49.820	50.000	-0.4
Endosulfan II	6.787	6.681	6.881	48.630	50.000	-2.7
Endosulfan sulfate	7.151	7.045	7.245	45.780	50.000	-8.4
Endrin	6.575	6.468	6.668	49.110	50.000	-1.8
Endrin aldehyde	6.917	6.810	7.010	45.580	50.000	-8.8
Endrin ketone	7.631	7.525	7.725	47.380	50.000	-5.2
gamma-BHC (Lindane)	4.332	4.225	4.425	54.710	50.000	9.4
gamma-Chlordane	5.947	5.840	6.040	50.180	50.000	0.4
Heptachlor	4.929	4.823	5.023	66.730	50.000	33.5
Heptachlor epoxide	5.690	5.584	5.784	49.950	50.000	-0.1
Methoxychlor	7.495	7.388	7.588	50.020	50.000	0.0
Tetrachloro-m-xylene	3.551	3.445	3.645	51.620	50.000	3.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/04/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090949.D **Time Analyzed:** 13:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	47.850	50.000	-4.3
4,4'-DDE	5.365	5.266	5.466	49.430	50.000	-1.1
4,4'-DDT	6.174	6.074	6.274	48.230	50.000	-3.5
Aldrin	4.359	4.261	4.461	52.620	50.000	5.2
alpha-BHC	3.386	3.287	3.487	53.750	50.000	7.5
alpha-Chlordane	5.181	5.081	5.281	50.060	50.000	0.1
beta-BHC	4.018	3.919	4.119	52.130	50.000	4.3
Decachlorobiphenyl	8.062	7.962	8.162	37.880	50.000	-24.2
delta-BHC	4.255	4.155	4.355	52.950	50.000	5.9
Dieldrin	5.503	5.404	5.604	49.200	50.000	-1.6
Endosulfan I	5.238	5.138	5.338	48.710	50.000	-2.6
Endosulfan II	6.072	5.972	6.172	47.370	50.000	-5.3
Endosulfan sulfate	6.474	6.374	6.574	43.940	50.000	-12.1
Endrin	5.780	5.681	5.881	47.270	50.000	-5.5
Endrin aldehyde	6.250	6.150	6.350	44.960	50.000	-10.1
Endrin ketone	6.983	6.883	7.083	40.460	50.000	-19.1
gamma-BHC (Lindane)	3.722	3.623	3.823	53.140	50.000	6.3
gamma-Chlordane	5.116	5.017	5.217	50.480	50.000	1.0
Heptachlor	4.074	3.975	4.175	55.600	50.000	11.2
Heptachlor epoxide	4.864	4.764	4.964	51.470	50.000	2.9
Methoxychlor	6.745	6.645	6.845	43.330	50.000	-13.3
Tetrachloro-m-xylene	2.874	2.775	2.975	53.000	50.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 11/04/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 16:44 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 11/04/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 16:44 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/04/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090957.D **Time Analyzed:** 16:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.699	6.600	6.800	56.440	50.000	12.9
4,4'-DDE	6.189	6.090	6.290	53.890	50.000	7.8
4,4'-DDT	7.015	6.915	7.115	53.170	50.000	6.3
Aldrin	5.263	5.164	5.364	54.610	50.000	9.2
alpha-BHC	3.993	3.894	4.094	55.760	50.000	11.5
alpha-Chlordane	6.020	5.921	6.121	52.830	50.000	5.7
beta-BHC	4.511	4.412	4.612	53.250	50.000	6.5
Decachlorobiphenyl	9.064	8.964	9.164	48.210	50.000	-3.6
delta-BHC	4.760	4.660	4.860	55.270	50.000	10.5
Dieldrin	6.340	6.240	6.440	55.040	50.000	10.1
Endosulfan I	6.067	5.968	6.168	54.280	50.000	8.6
Endosulfan II	6.780	6.681	6.881	52.890	50.000	5.8
Endosulfan sulfate	7.143	7.045	7.245	51.440	50.000	2.9
Endrin	6.567	6.468	6.668	54.530	50.000	9.1
Endrin aldehyde	6.909	6.810	7.010	51.240	50.000	2.5
Endrin ketone	7.624	7.525	7.725	51.440	50.000	2.9
gamma-BHC (Lindane)	4.324	4.225	4.425	55.080	50.000	10.2
gamma-Chlordane	5.939	5.840	6.040	53.960	50.000	7.9
Heptachlor	4.922	4.823	5.023	66.530	50.000	33.1
Heptachlor epoxide	5.683	5.584	5.784	54.960	50.000	9.9
Methoxychlor	7.487	7.388	7.588	52.810	50.000	5.6
Tetrachloro-m-xylene	3.544	3.445	3.645	52.920	50.000	5.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/04/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090957.D **Time Analyzed:** 16:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.821	6.021	54.300	50.000	8.6
4,4'-DDE	5.364	5.266	5.466	52.910	50.000	5.8
4,4'-DDT	6.172	6.074	6.274	52.000	50.000	4.0
Aldrin	4.359	4.261	4.461	52.640	50.000	5.3
alpha-BHC	3.385	3.287	3.487	53.410	50.000	6.8
alpha-Chlordane	5.180	5.081	5.281	52.490	50.000	5.0
beta-BHC	4.018	3.919	4.119	52.430	50.000	4.9
Decachlorobiphenyl	8.060	7.962	8.162	46.000	50.000	-8.0
delta-BHC	4.254	4.155	4.355	53.330	50.000	6.7
Dieldrin	5.502	5.404	5.604	53.290	50.000	6.6
Endosulfan I	5.236	5.138	5.338	51.070	50.000	2.1
Endosulfan II	6.070	5.972	6.172	52.170	50.000	4.3
Endosulfan sulfate	6.472	6.374	6.574	50.680	50.000	1.4
Endrin	5.778	5.681	5.881	53.220	50.000	6.4
Endrin aldehyde	6.248	6.150	6.350	50.540	50.000	1.1
Endrin ketone	6.980	6.883	7.083	49.200	50.000	-1.6
gamma-BHC (Lindane)	3.722	3.623	3.823	53.100	50.000	6.2
gamma-Chlordane	5.115	5.017	5.217	52.640	50.000	5.3
Heptachlor	4.073	3.975	4.175	55.570	50.000	11.1
Heptachlor epoxide	4.862	4.764	4.964	51.570	50.000	3.1
Methoxychlor	6.742	6.645	6.845	51.400	50.000	2.8
Tetrachloro-m-xylene	2.874	2.775	2.975	52.660	50.000	5.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/28/2025 10/28/2025

Continuing Calib Time: 11:02 **Initial Calibration Time(s):** 14:57 15:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.01	8.99	8.89	9.09	-0.02
Tetrachloro-m-xylene	3.52	3.52	3.42	3.62	0.00
alpha-BHC	3.97	3.97	3.87	4.07	0.00
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.73	4.63	4.83	0.00
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.31	6.30	6.20	6.40	-0.01
4,4'-DDE	6.16	6.15	6.05	6.25	-0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.75	6.74	6.64	6.84	-0.01
4,4'-DDD	6.67	6.66	6.56	6.76	0.00
Endosulfan sulfate	7.11	7.10	7.00	7.20	-0.01
4,4'-DDT	6.98	6.97	6.87	7.07	-0.01
Methoxychlor	7.46	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.58	7.48	7.68	-0.01
Endrin aldehyde	6.88	6.87	6.77	6.97	-0.01
alpha-Chlordane	5.99	5.98	5.88	6.08	-0.01
gamma-Chlordane	5.90	5.90	5.80	6.00	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/28/2025 10/28/2025

Continuing Calib Time: 11:02 **Initial Calibration Time(s):** 14:57 15:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.32	3.33	3.23	3.43	0.01
beta-BHC	3.95	3.95	3.85	4.05	0.00
delta-BHC	4.19	4.19	4.09	4.29	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.01
Heptachlor	4.00	4.01	3.91	4.11	0.01
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.42	5.32	5.52	0.00
4,4'-DDE	5.29	5.29	5.19	5.39	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	5.99	5.89	6.09	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.39	6.29	6.49	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.10	5.10	5.00	5.20	0.00
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097701.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.665	6.560	6.760	56.430	50.000	12.9
4,4'-DDE	6.156	6.051	6.251	56.430	50.000	12.9
4,4'-DDT	6.981	6.874	7.074	51.580	50.000	3.2
Aldrin	5.230	5.127	5.327	54.640	50.000	9.3
alpha-BHC	3.971	3.870	4.070	55.870	50.000	11.7
alpha-Chlordane	5.985	5.881	6.081	54.860	50.000	9.7
beta-BHC	4.488	4.386	4.586	55.240	50.000	10.5
Decachlorobiphenyl	9.005	8.893	9.093	48.940	50.000	-2.1
delta-BHC	4.734	4.631	4.831	58.620	50.000	17.2
Dieldrin	6.306	6.200	6.400	53.420	50.000	6.8
Endosulfan I	6.033	5.928	6.128	55.820	50.000	11.6
Endosulfan II	6.746	6.641	6.841	51.310	50.000	2.6
Endosulfan sulfate	7.109	7.003	7.203	52.430	50.000	4.9
Endrin	6.531	6.427	6.627	53.140	50.000	6.3
Endrin aldehyde	6.875	6.769	6.969	51.160	50.000	2.3
Endrin ketone	7.589	7.481	7.681	54.080	50.000	8.2
gamma-BHC (Lindane)	4.299	4.198	4.398	55.510	50.000	11.0
gamma-Chlordane	5.904	5.801	6.001	53.610	50.000	7.2
Heptachlor	4.889	4.788	4.988	55.480	50.000	11.0
Heptachlor epoxide	5.651	5.547	5.747	53.350	50.000	6.7
Methoxychlor	7.455	7.347	7.547	48.460	50.000	-3.1
Tetrachloro-m-xylene	3.523	3.424	3.624	55.300	50.000	10.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097701.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.745	5.945	52.580	50.000	5.2
4,4'-DDE	5.293	5.193	5.393	51.700	50.000	3.4
4,4'-DDT	6.099	5.997	6.197	49.420	50.000	-1.2
Aldrin	4.286	4.187	4.387	52.480	50.000	5.0
alpha-BHC	3.323	3.226	3.426	53.470	50.000	6.9
alpha-Chlordane	5.104	5.004	5.204	50.820	50.000	1.6
beta-BHC	3.952	3.854	4.054	52.170	50.000	4.3
Decachlorobiphenyl	7.984	7.879	8.079	43.900	50.000	-12.2
delta-BHC	4.185	4.086	4.286	52.530	50.000	5.1
Dieldrin	5.423	5.324	5.524	51.980	50.000	4.0
Endosulfan I	5.159	5.059	5.259	49.340	50.000	-1.3
Endosulfan II	5.992	5.890	6.090	52.040	50.000	4.1
Endosulfan sulfate	6.394	6.291	6.491	49.350	50.000	-1.3
Endrin	5.699	5.599	5.799	53.140	50.000	6.3
Endrin aldehyde	6.170	6.068	6.268	45.880	50.000	-8.2
Endrin ketone	6.899	6.796	6.996	51.460	50.000	2.9
gamma-BHC (Lindane)	3.655	3.558	3.758	53.110	50.000	6.2
gamma-Chlordane	5.040	4.940	5.140	49.840	50.000	-0.3
Heptachlor	4.003	3.905	4.105	52.530	50.000	5.1
Heptachlor epoxide	4.788	4.689	4.889	51.620	50.000	3.2
Methoxychlor	6.672	6.569	6.769	46.410	50.000	-7.2
Tetrachloro-m-xylene	2.818	2.721	2.921	52.500	50.000	5.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/28/2025 10/28/2025

Continuing Calib Time: 16:03 **Initial Calibration Time(s):** 14:57 15:52

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	8.99	8.89	9.09	-0.01
Tetrachloro-m-xylene	3.53	3.52	3.42	3.62	-0.01
alpha-BHC	3.97	3.97	3.87	4.07	0.00
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.73	4.63	4.83	0.00
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.30	6.20	6.40	0.00
4,4'-DDE	6.16	6.15	6.05	6.25	-0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.74	6.64	6.84	0.00
4,4'-DDD	6.66	6.66	6.56	6.76	0.00
Endosulfan sulfate	7.11	7.10	7.00	7.20	-0.01
4,4'-DDT	6.98	6.97	6.87	7.07	-0.01
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.58	7.48	7.68	-0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.98	5.88	6.08	0.00
gamma-Chlordane	5.90	5.90	5.80	6.00	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/28/2025 10/28/2025

Continuing Calib Time: 16:03 **Initial Calibration Time(s):** 14:57 15:52

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.95	3.85	4.05	0.00
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.43	5.42	5.32	5.52	-0.01
4,4'-DDE	5.30	5.29	5.19	5.39	-0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	5.99	5.89	6.09	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.40	6.39	6.29	6.49	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.10	5.00	5.20	-0.01
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097715.D **Time Analyzed:** 16:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.664	6.560	6.760	58.700	50.000	17.4
4,4'-DDE	6.155	6.051	6.251	53.560	50.000	7.1
4,4'-DDT	6.978	6.874	7.074	49.700	50.000	-0.6
Aldrin	5.229	5.127	5.327	51.750	50.000	3.5
alpha-BHC	3.972	3.870	4.070	53.980	50.000	8.0
alpha-Chlordane	5.983	5.881	6.081	52.600	50.000	5.2
beta-BHC	4.488	4.386	4.586	53.670	50.000	7.3
Decachlorobiphenyl	9.000	8.893	9.093	47.600	50.000	-4.8
delta-BHC	4.733	4.631	4.831	54.110	50.000	8.2
Dieldrin	6.303	6.200	6.400	51.850	50.000	3.7
Endosulfan I	6.031	5.928	6.128	52.670	50.000	5.3
Endosulfan II	6.744	6.641	6.841	53.360	50.000	6.7
Endosulfan sulfate	7.107	7.003	7.203	50.710	50.000	1.4
Endrin	6.530	6.427	6.627	50.660	50.000	1.3
Endrin aldehyde	6.873	6.769	6.969	52.540	50.000	5.1
Endrin ketone	7.586	7.481	7.681	51.360	50.000	2.7
gamma-BHC (Lindane)	4.299	4.198	4.398	53.600	50.000	7.2
gamma-Chlordane	5.902	5.801	6.001	51.350	50.000	2.7
Heptachlor	4.891	4.788	4.988	52.360	50.000	4.7
Heptachlor epoxide	5.649	5.547	5.747	52.760	50.000	5.5
Methoxychlor	7.451	7.347	7.547	46.070	50.000	-7.9
Tetrachloro-m-xylene	3.525	3.424	3.624	53.320	50.000	6.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097715.D **Time Analyzed:** 16:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.848	5.745	5.945	51.730	50.000	3.5
4,4'-DDE	5.296	5.193	5.393	51.180	50.000	2.4
4,4'-DDT	6.100	5.997	6.197	46.760	50.000	-6.5
Aldrin	4.288	4.187	4.387	52.640	50.000	5.3
alpha-BHC	3.327	3.226	3.426	53.410	50.000	6.8
alpha-Chlordane	5.107	5.004	5.204	50.920	50.000	1.8
beta-BHC	3.955	3.854	4.054	51.150	50.000	2.3
Decachlorobiphenyl	7.984	7.879	8.079	42.150	50.000	-15.7
delta-BHC	4.188	4.086	4.286	52.820	50.000	5.6
Dieldrin	5.426	5.324	5.524	53.500	50.000	7.0
Endosulfan I	5.162	5.059	5.259	49.160	50.000	-1.7
Endosulfan II	5.993	5.890	6.090	49.400	50.000	-1.2
Endosulfan sulfate	6.395	6.291	6.491	48.360	50.000	-3.3
Endrin	5.701	5.599	5.799	52.770	50.000	5.5
Endrin aldehyde	6.171	6.068	6.268	45.730	50.000	-8.5
Endrin ketone	6.899	6.796	6.996	50.160	50.000	0.3
gamma-BHC (Lindane)	3.659	3.558	3.758	53.010	50.000	6.0
gamma-Chlordane	5.043	4.940	5.140	50.840	50.000	1.7
Heptachlor	4.006	3.905	4.105	51.690	50.000	3.4
Heptachlor epoxide	4.791	4.689	4.889	51.480	50.000	3.0
Methoxychlor	6.673	6.569	6.769	45.090	50.000	-9.8
Tetrachloro-m-xylene	2.822	2.721	2.921	51.810	50.000	3.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090925.D **Date Analyzed:** 10/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:20

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	23.600	20.000	18.0
Tetrachloro-m-xylene	3.544	3.490	3.590	23.020	20.000	15.1
alpha-BHC	3.994	3.940	4.040	9.890	10.000	-1.1
beta-BHC	4.513	4.460	4.560	11.020	10.000	10.2
gamma-BHC (Lindane)	4.325	4.270	4.380	10.190	10.000	1.9
Endrin	6.570	6.500	6.640	54.240	50.000	8.5
4,4'-DDT	7.018	6.950	7.090	118.640	100.000	18.6
Methoxychlor	7.491	7.420	7.560	274.190	250.000	9.7

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090925.D **Date Analyzed:** 10/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:20

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.063	7.960	8.160	30.610	20.000	53.1
Tetrachloro-m-xylene	2.874	2.820	2.920	25.410	20.000	27.1
alpha-BHC	3.386	3.340	3.440	12.590	10.000	25.9
beta-BHC	4.019	3.970	4.070	12.870	10.000	28.7
gamma-BHC (Lindane)	3.723	3.670	3.770	12.620	10.000	26.2
Endrin	5.781	5.710	5.850	59.380	50.000	18.8
4,4'-DDT	6.175	6.100	6.250	132.040	100.000	32.0
Methoxychlor	6.745	6.670	6.820	264.280	250.000	5.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090936.D **Date Analyzed:** 11/04/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.062	8.960	9.160	23.370	20.000	16.9
Tetrachloro-m-xylene	3.544	3.490	3.590	21.440	20.000	7.2
alpha-BHC	3.993	3.940	4.040	9.090	10.000	-9.1
beta-BHC	4.511	4.460	4.560	10.360	10.000	3.6
gamma-BHC (Lindane)	4.323	4.270	4.370	9.370	10.000	-6.3
Endrin	6.567	6.500	6.640	51.370	50.000	2.7
4,4'-DDT	7.014	6.940	7.080	113.560	100.000	13.6
Methoxychlor	7.486	7.420	7.560	265.030	250.000	6.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090936.D **Date Analyzed:** 11/04/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:31

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.058	7.960	8.160	28.070	20.000	40.4
Tetrachloro-m-xylene	2.874	2.820	2.920	22.970	20.000	14.9
alpha-BHC	3.385	3.330	3.440	11.220	10.000	12.2
beta-BHC	4.017	3.970	4.070	11.500	10.000	15.0
gamma-BHC (Lindane)	3.721	3.670	3.770	11.340	10.000	13.4
Endrin	5.778	5.710	5.850	52.670	50.000	5.3
4,4'-DDT	6.172	6.100	6.240	117.630	100.000	17.6
Methoxychlor	6.742	6.670	6.810	233.260	250.000	-6.7

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097637.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:30

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.994	8.890	9.090	25.870	20.000	29.4
Tetrachloro-m-xylene	3.524	3.470	3.570	20.090	20.000	0.5
alpha-BHC	3.970	3.920	4.020	8.750	10.000	-12.5
beta-BHC	4.486	4.440	4.540	9.460	10.000	-5.4
gamma-BHC (Lindane)	4.298	4.250	4.350	9.060	10.000	-9.4
Endrin	6.527	6.460	6.600	46.230	50.000	-7.5
4,4'-DDT	6.974	6.900	7.040	94.090	100.000	-5.9
Methoxychlor	7.447	7.380	7.520	224.130	250.000	-10.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097637.D **Date Analyzed:** 10/28/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:30

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.979	7.880	8.080	23.960	20.000	19.8
Tetrachloro-m-xylene	2.822	2.770	2.870	20.030	20.000	0.2
alpha-BHC	3.326	3.280	3.380	8.800	10.000	-12.0
beta-BHC	3.954	3.900	4.000	9.280	10.000	-7.2
gamma-BHC (Lindane)	3.657	3.610	3.710	9.030	10.000	-9.7
Endrin	5.698	5.630	5.770	47.650	50.000	-4.7
4,4'-DDT	6.097	6.030	6.170	97.840	100.000	-2.2
Methoxychlor	6.669	6.600	6.740	208.890	250.000	-16.4

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097700.D **Date Analyzed:** 10/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.002	8.900	9.100	24.090	20.000	20.5
Tetrachloro-m-xylene	3.524	3.470	3.570	25.470	20.000	27.4
alpha-BHC	3.971	3.920	4.020	11.360	10.000	13.6
beta-BHC	4.488	4.440	4.540	12.130	10.000	21.3
gamma-BHC (Lindane)	4.299	4.250	4.350	11.680	10.000	16.8
Endrin	6.531	6.460	6.600	57.620	50.000	15.2
4,4'-DDT	6.979	6.910	7.050	110.760	100.000	10.8
Methoxychlor	7.452	7.380	7.520	259.100	250.000	3.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097700.D **Date Analyzed:** 10/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.984	7.880	8.080	21.370	20.000	6.9
Tetrachloro-m-xylene	2.822	2.770	2.870	24.530	20.000	22.7
alpha-BHC	3.327	3.280	3.380	11.000	10.000	10.0
beta-BHC	3.956	3.910	4.010	11.540	10.000	15.4
gamma-BHC (Lindane)	3.659	3.610	3.710	11.170	10.000	11.7
Endrin	5.701	5.630	5.770	57.590	50.000	15.2
4,4'-DDT	6.101	6.030	6.170	106.870	100.000	6.9
Methoxychlor	6.674	6.600	6.740	220.400	250.000	-11.8

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	10/31/2025	10:06	PD090924.D	9.07	3.54
PEM	PEM	10/31/2025	10:20	PD090925.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/31/2025	11:09	PD090926.D	9.08	3.55
PB170348BL	PB170348BL	10/31/2025	14:37	PD090927.D	9.08	3.55
TW-1025-1	Q3495-03	10/31/2025	15:34	PD090931.D	9.07	3.54
I.BLK	I.BLK	10/31/2025	15:48	PD090932.D	9.07	3.55
PSTDCCC050	PSTDCCC050	10/31/2025	16:01	PD090933.D	9.07	3.55
PEM	PEM	11/04/2025	09:31	PD090936.D	9.06	3.54
I.BLK	I.BLK	11/04/2025	12:35	PD090948.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	9.07	3.55
PB170348BSD	PB170348BSD	11/04/2025	13:52	PD090950.D	9.07	3.55
PB170348BS	PB170348BS	11/04/2025	14:22	PD090952.D	9.07	3.54
I.BLK	I.BLK	11/04/2025	16:31	PD090956.D	9.06	3.55
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	9.06	3.54
I.BLK	I.BLK	10/28/2025	14:17	PL097636.D	8.99	3.52
PEM	PEM	10/28/2025	14:30	PL097637.D	8.99	3.52
RESCHK	RESCHK	10/28/2025	14:44	PL097638.D	8.99	3.52
PSTDICC100	PSTDICC100	10/28/2025	14:57	PL097639.D	8.99	3.52
PSTDICC075	PSTDICC075	10/28/2025	15:11	PL097640.D	8.99	3.52
PSTDICC050	PSTDICC050	10/28/2025	15:25	PL097641.D	8.99	3.52
PSTDICC025	PSTDICC025	10/28/2025	15:38	PL097642.D	9.00	3.52
PSTDICC005	PSTDICC005	10/28/2025	15:52	PL097643.D	8.99	3.52
PCHLORICC500	PCHLORICC500	10/28/2025	16:32	PL097646.D	8.99	3.52
PTOXICC500	PTOXICC500	10/28/2025	17:40	PL097651.D	8.99	3.52
I.BLK	I.BLK	10/31/2025	09:42	PL097699.D	9.00	3.52
PEM	PEM	10/31/2025	09:56	PL097700.D	9.00	3.52
PSTDCCC050	PSTDCCC050	10/31/2025	11:02	PL097701.D	9.01	3.52
PB170340BL	PB170340BL	10/31/2025	13:06	PL097704.D	9.01	3.52
PB170340BS	PB170340BS	10/31/2025	13:19	PL097705.D	9.00	3.52
SB-1025-2	Q3495-02	10/31/2025	13:33	PL097706.D	9.00	3.52
SB-1025-2MS	Q3495-02MS	10/31/2025	13:47	PL097707.D	9.00	3.52
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:00	PL097708.D	9.00	3.52

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Analytical Sequence

I.BLK	I.BLK	10/31/2025	15:49	PL097714.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/31/2025	16:03	PL097715.D	9.00	3.53

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	10/31/2025	10:06	PD090924.D	8.06	2.87
PEM	PEM	10/31/2025	10:20	PD090925.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/31/2025	11:09	PD090926.D	8.07	2.87
PB170348BL	PB170348BL	10/31/2025	14:37	PD090927.D	8.07	2.87
TW-1025-1	Q3495-03	10/31/2025	15:34	PD090931.D	8.06	2.87
I.BLK	I.BLK	10/31/2025	15:48	PD090932.D	8.06	2.88
PSTDCCC050	PSTDCCC050	10/31/2025	16:01	PD090933.D	8.06	2.87
PEM	PEM	11/04/2025	09:31	PD090936.D	8.06	2.87
I.BLK	I.BLK	11/04/2025	12:35	PD090948.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	8.06	2.87
PB170348BSD	PB170348BSD	11/04/2025	13:52	PD090950.D	8.06	2.87
PB170348BS	PB170348BS	11/04/2025	14:22	PD090952.D	8.06	2.87
I.BLK	I.BLK	11/04/2025	16:31	PD090956.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	8.06	2.87
I.BLK	I.BLK	10/28/2025	14:17	PL097636.D	7.98	2.82
PEM	PEM	10/28/2025	14:30	PL097637.D	7.98	2.82
RESCHK	RESCHK	10/28/2025	14:44	PL097638.D	7.98	2.82
PSTDICC100	PSTDICC100	10/28/2025	14:57	PL097639.D	7.98	2.82
PSTDICC075	PSTDICC075	10/28/2025	15:11	PL097640.D	7.98	2.82
PSTDICC050	PSTDICC050	10/28/2025	15:25	PL097641.D	7.98	2.82
PSTDICC025	PSTDICC025	10/28/2025	15:38	PL097642.D	7.98	2.82
PSTDICC005	PSTDICC005	10/28/2025	15:52	PL097643.D	7.98	2.82
PCHLORICC500	PCHLORICC500	10/28/2025	16:32	PL097646.D	7.98	2.82
PTOXICC500	PTOXICC500	10/28/2025	17:40	PL097651.D	7.98	2.82
I.BLK	I.BLK	10/31/2025	09:42	PL097699.D	7.98	2.82
PEM	PEM	10/31/2025	09:56	PL097700.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/31/2025	11:02	PL097701.D	7.98	2.82
PB170340BL	PB170340BL	10/31/2025	13:06	PL097704.D	7.99	2.82
PB170340BS	PB170340BS	10/31/2025	13:19	PL097705.D	7.98	2.82
SB-1025-2	Q3495-02	10/31/2025	13:33	PL097706.D	7.98	2.82
SB-1025-2MS	Q3495-02MS	10/31/2025	13:47	PL097707.D	7.98	2.82
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:00	PL097708.D	7.98	2.82

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Analytical Sequence

I.BLK	I.BLK	10/31/2025	15:49	PL097714.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/31/2025	16:03	PL097715.D	7.98	2.82

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
PB170340BS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab Sample ID: PB170340BS
Date(s) Analyzed: 10/31/2025 10/31/2025
Instrument ID (1): ECD_L
Instrument ID (2): ECD_L
GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)
GC Column:(2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.75	6.70	6.80	17.0	9.9
	2	5.99	5.94	6.04	15.4	
4,4'-DDD	1	6.67	6.62	6.72	18.0	11.1
	2	5.85	5.80	5.90	16.1	
4,4'-DDT	1	6.98	6.93	7.03	16.3	9
	2	6.10	6.05	6.15	14.9	
Endrin aldehyde	1	6.87	6.82	6.92	16.3	13.8
	2	6.17	6.12	6.22	14.2	
Endosulfan sulfate	1	7.11	7.06	7.16	16.4	8.9
	2	6.39	6.34	6.44	15.0	
Methoxychlor	1	7.45	7.40	7.50	15.2	6.8
	2	6.67	6.62	6.72	14.2	
Endrin ketone	1	7.59	7.54	7.64	16.8	4.3
	2	6.90	6.85	6.95	16.1	
alpha-BHC	1	3.97	3.92	4.02	17.0	0.6
	2	3.33	3.28	3.38	16.9	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	17.0	0.6
	2	3.66	3.61	3.71	16.9	
Heptachlor	1	4.89	4.84	4.94	17.1	4.2
	2	4.01	3.96	4.06	16.4	
Aldrin	1	5.23	5.18	5.28	16.6	1.2
	2	4.29	4.24	4.34	16.8	
beta-BHC	1	4.49	4.44	4.54	17.1	7.3
	2	3.95	3.90	4.00	15.9	
delta-BHC	1	4.73	4.68	4.78	17.4	4.1
	2	4.19	4.14	4.24	16.7	
Heptachlor epoxide	1	5.65	5.60	5.70	16.0	1.9
	2	4.79	4.74	4.84	16.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170340BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: PB170340BS **Date(s) Analyzed:** 10/31/2025 10/31/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.03	5.98	6.08	16.1	1.9
	2	5.16	5.11	5.21	15.8	
gamma-Chlordane	1	5.90	5.85	5.95	16.5	3.1
	2	5.04	4.99	5.09	16.0	
alpha-Chlordane	1	5.98	5.93	6.03	16.2	0.6
	2	5.11	5.06	5.16	16.1	
4,4'-DDE	1	6.15	6.10	6.20	16.8	3
	2	5.30	5.25	5.35	16.3	
Dieldrin	1	6.30	6.25	6.35	16.1	2.5
	2	5.43	5.38	5.48	16.5	
Endrin	1	6.53	6.48	6.58	16.0	7.8
	2	5.70	5.65	5.75	17.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
PB170348BS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab Sample ID: PB170348BS
Date(s) Analyzed: 11/04/2025 11/04/2025
Instrument ID (1): ECD_D
Instrument ID (2): ECD_D
GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)
GC Column:(2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	0.50	1.2
	2	5.92	5.87	5.97	0.49	
4,4'-DDE	1	6.19	6.14	6.24	0.48	3.7
	2	5.36	5.31	5.41	0.50	
4,4'-DDT	1	7.02	6.97	7.07	0.48	2
	2	6.17	6.12	6.22	0.47	
alpha-BHC	1	3.99	3.94	4.04	0.52	1.6
	2	3.39	3.34	3.44	0.51	
Aldrin	1	5.26	5.21	5.31	0.51	1.5
	2	4.36	4.31	4.41	0.51	
alpha-Chlordane	1	6.02	5.97	6.07	0.49	3.1
	2	5.18	5.13	5.23	0.50	
Endosulfan II	1	6.78	6.73	6.83	0.48	2.8
	2	6.07	6.02	6.12	0.47	
Endosulfan sulfate	1	7.14	7.09	7.19	0.46	0.6
	2	6.47	6.42	6.52	0.46	
beta-BHC	1	4.51	4.46	4.56	0.50	0.9
	2	4.02	3.97	4.07	0.50	
delta-BHC	1	4.76	4.71	4.81	0.51	1.1
	2	4.25	4.20	4.30	0.51	
Endosulfan I	1	6.07	6.02	6.12	0.49	2.9
	2	5.24	5.19	5.29	0.50	
Dieldrin	1	6.34	6.29	6.39	0.49	1
	2	5.50	5.45	5.55	0.49	
Endrin aldehyde	1	6.91	6.86	6.96	0.45	0.4
	2	6.25	6.20	6.30	0.45	
Methoxychlor	1	7.49	7.44	7.54	0.48	6.2
	2	6.74	6.69	6.79	0.45	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: PB170348BS **Date(s) Analyzed:** 11/04/2025 11/04/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	0.46	4.9
	2	6.98	6.93	7.03	0.44	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.51	0.6
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.92	4.87	4.97	0.63	16.3
	2	4.07	4.02	4.12	0.54	
Heptachlor epoxide	1	5.68	5.63	5.73	0.50	0.7
	2	4.86	4.81	4.91	0.50	
gamma-Chlordane	1	5.94	5.89	5.99	0.50	0.6
	2	5.12	5.07	5.17	0.50	
Endrin	1	6.57	6.52	6.62	0.48	1.3
	2	5.78	5.73	5.83	0.48	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: PB170348BSD **Date(s) Analyzed:** 11/04/2025 11/04/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	0.49	3.8
	2	5.92	5.87	5.97	0.47	
4,4'-DDT	1	7.02	6.97	7.07	0.48	3.2
	2	6.17	6.12	6.22	0.46	
alpha-BHC	1	4.00	3.95	4.05	0.52	1.9
	2	3.39	3.34	3.44	0.51	
Aldrin	1	5.27	5.22	5.32	0.51	1.3
	2	4.36	4.31	4.41	0.50	
beta-BHC	1	4.52	4.47	4.57	0.49	2
	2	4.02	3.97	4.07	0.50	
alpha-Chlordane	1	6.03	5.98	6.08	0.47	4.7
	2	5.18	5.13	5.23	0.49	
4,4'-DDE	1	6.20	6.15	6.25	0.48	0.4
	2	5.37	5.32	5.42	0.48	
Endosulfan II	1	6.79	6.74	6.84	0.48	5.2
	2	6.07	6.02	6.12	0.45	
Endrin aldehyde	1	6.92	6.87	6.97	0.44	0.2
	2	6.25	6.20	6.30	0.45	
Endosulfan sulfate	1	7.15	7.10	7.20	0.45	3.3
	2	6.47	6.42	6.52	0.44	
Methoxychlor	1	7.50	7.45	7.55	0.47	7.6
	2	6.74	6.69	6.79	0.43	
Endrin ketone	1	7.63	7.58	7.68	0.46	10.3
	2	6.98	6.93	7.03	0.41	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.51	1.5
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.93	4.88	4.98	0.63	17.5
	2	4.07	4.02	4.12	0.53	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: PB170348BSD **Date(s) Analyzed:** 11/04/2025 11/04/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
delta-BHC	1	4.77	4.72	4.82	0.51	1.6
	2	4.25	4.20	4.30	0.50	
Heptachlor epoxide	1	5.69	5.64	5.74	0.49	2.3
	2	4.86	4.81	4.91	0.50	
Endosulfan I	1	6.08	6.03	6.13	0.48	1.3
	2	5.24	5.19	5.29	0.49	
gamma-Chlordane	1	5.95	5.90	6.00	0.48	1.9
	2	5.12	5.07	5.17	0.49	
Dieldrin	1	6.35	6.30	6.40	0.49	1.5
	2	5.50	5.45	5.55	0.48	
Endrin	1	6.58	6.53	6.63	0.47	3.4
	2	5.78	5.73	5.83	0.46	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: Q3495-02MS **Date(s) Analyzed:** 10/31/2025 10/31/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.74	6.69	6.79	21.9	4.2
	2	5.99	5.94	6.04	21.0	
4,4'-DDD	1	6.66	6.61	6.71	23.3	13.8
	2	5.85	5.80	5.90	20.3	
4,4'-DDT	1	6.98	6.93	7.03	22.1	7
	2	6.10	6.05	6.15	20.6	
Endrin aldehyde	1	6.87	6.82	6.92	21.6	11.8
	2	6.17	6.12	6.22	19.2	
Endosulfan sulfate	1	7.11	7.06	7.16	21.9	8.1
	2	6.40	6.35	6.45	20.2	
Methoxychlor	1	7.45	7.40	7.50	21.5	9.2
	2	6.67	6.62	6.72	19.6	
Endrin ketone	1	7.59	7.54	7.64	21.7	8.7
	2	6.90	6.85	6.95	19.9	
alpha-BHC	1	3.97	3.92	4.02	22.1	1.8
	2	3.33	3.28	3.38	21.7	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	22.1	1.4
	2	3.66	3.61	3.71	21.8	
Heptachlor	1	4.89	4.84	4.94	22.9	6.8
	2	4.01	3.96	4.06	21.4	
Aldrin	1	5.23	5.18	5.28	21.7	0.5
	2	4.29	4.24	4.34	21.8	
beta-BHC	1	4.49	4.44	4.54	22.5	8.3
	2	3.96	3.91	4.01	20.7	
delta-BHC	1	4.73	4.68	4.78	23.0	5.8
	2	4.19	4.14	4.24	21.7	
Heptachlor epoxide	1	5.65	5.60	5.70	21.1	1.9
	2	4.79	4.74	4.84	21.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: Q3495-02MS **Date(s) Analyzed:** 10/31/2025 10/31/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.03	5.98	6.08	21.4	0.9
	2	5.16	5.11	5.21	21.2	
gamma-Chlordane	1	5.90	5.85	5.95	21.9	3.7
	2	5.04	4.99	5.09	21.1	
alpha-Chlordane	1	5.98	5.93	6.03	21.4	0.5
	2	5.11	5.06	5.16	21.3	
4,4'-DDE	1	6.16	6.11	6.21	22.6	5
	2	5.30	5.25	5.35	21.5	
Dieldrin	1	6.30	6.25	6.35	21.5	0.5
	2	5.43	5.38	5.48	21.6	
Endrin	1	6.53	6.48	6.58	21.2	4.2
	2	5.70	5.65	5.75	22.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: Q3495-02MSD **Date(s) Analyzed:** 10/31/2025 10/31/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan sulfate	1	7.11	7.06	7.16	22.3	7
	2	6.40	6.35	6.45	20.8	
Methoxychlor	1	7.45	7.40	7.50	21.4	6.8
	2	6.67	6.62	6.72	20.0	
Endrin ketone	1	7.59	7.54	7.64	22.3	8.4
	2	6.90	6.85	6.95	20.5	
alpha-BHC	1	3.97	3.92	4.02	22.7	1.8
	2	3.33	3.28	3.38	22.3	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	22.6	0.9
	2	3.66	3.61	3.71	22.4	
Heptachlor	1	4.89	4.84	4.94	23.5	8
	2	4.01	3.96	4.06	21.7	
Aldrin	1	5.23	5.18	5.28	22.2	0.9
	2	4.29	4.24	4.34	22.4	
beta-BHC	1	4.49	4.44	4.54	23.0	8.1
	2	3.96	3.91	4.01	21.2	
delta-BHC	1	4.73	4.68	4.78	23.6	5.7
	2	4.19	4.14	4.24	22.3	
Heptachlor epoxide	1	5.65	5.60	5.70	21.6	1.4
	2	4.79	4.74	4.84	21.9	
Endosulfan I	1	6.03	5.98	6.08	22.1	1.8
	2	5.16	5.11	5.21	21.7	
gamma-Chlordane	1	5.90	5.85	5.95	22.3	3.7
	2	5.04	4.99	5.09	21.5	
alpha-Chlordane	1	5.98	5.93	6.03	22.1	1.8
	2	5.11	5.06	5.16	21.7	
4,4'-DDE	1	6.16	6.11	6.21	23.3	5.7
	2	5.30	5.25	5.35	22.0	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Lab Sample ID: Q3495-02MSD **Date(s) Analyzed:** 10/31/2025 10/31/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Dieldrin	1	6.30	6.25	6.35	22.0	0
	2	5.43	5.38	5.48	22.0	
Endrin	1	6.53	6.48	6.58	21.7	3.6
	2	5.70	5.65	5.75	22.5	
Endosulfan II	1	6.75	6.70	6.80	22.4	4.1
	2	5.99	5.94	6.04	21.5	
4,4'-DDD	1	6.67	6.62	6.72	23.8	13
	2	5.85	5.80	5.90	20.9	
4,4'-DDT	1	6.98	6.93	7.03	22.4	6.5
	2	6.10	6.05	6.15	21.0	
Endrin aldehyde	1	6.87	6.82	6.92	22.2	11.9
	2	6.17	6.12	6.22	19.7	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:33
Operator : AR\AJ
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SB-1025-2

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.522	2.821	80750731	113.5E6	19.734m	18.859
28)	SA Decachlor...	9.002	7.984	47978033	76489819	16.126	14.311
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

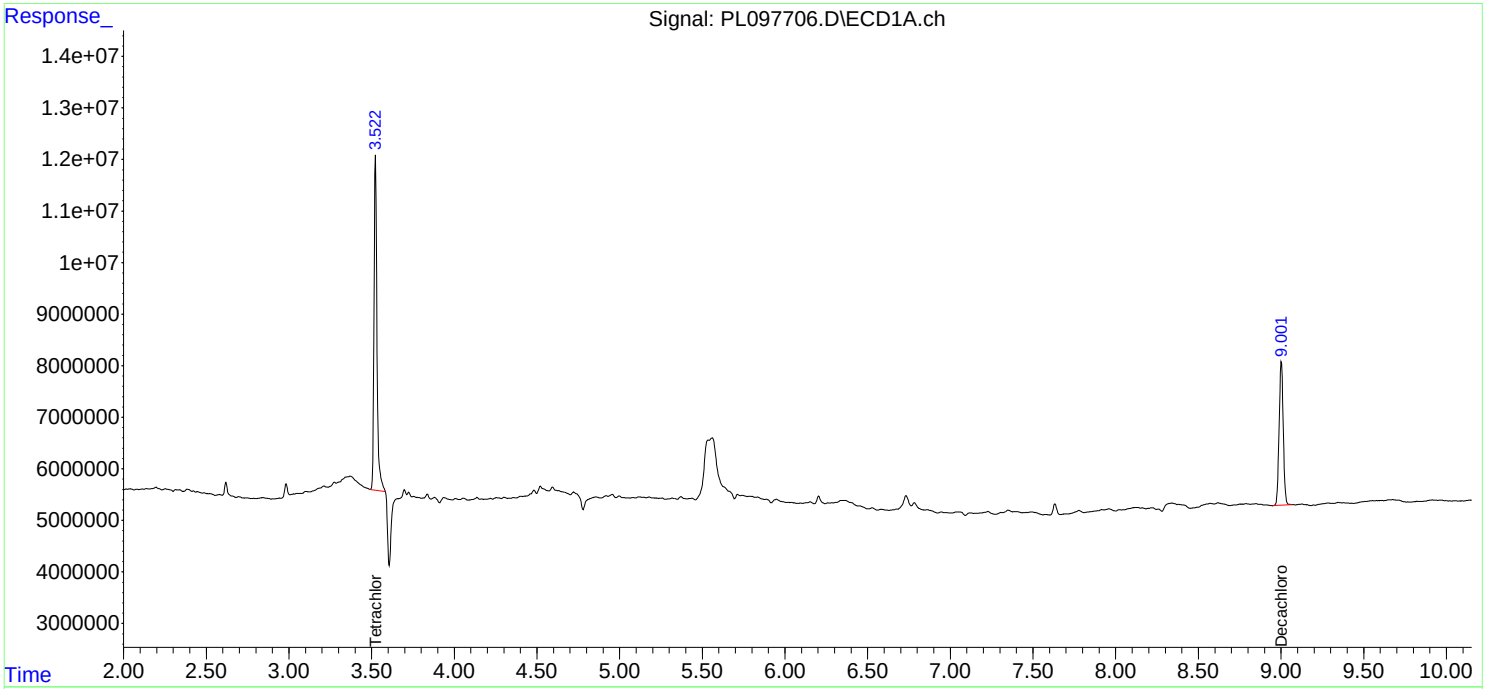
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:33
Operator : AR\AJ
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

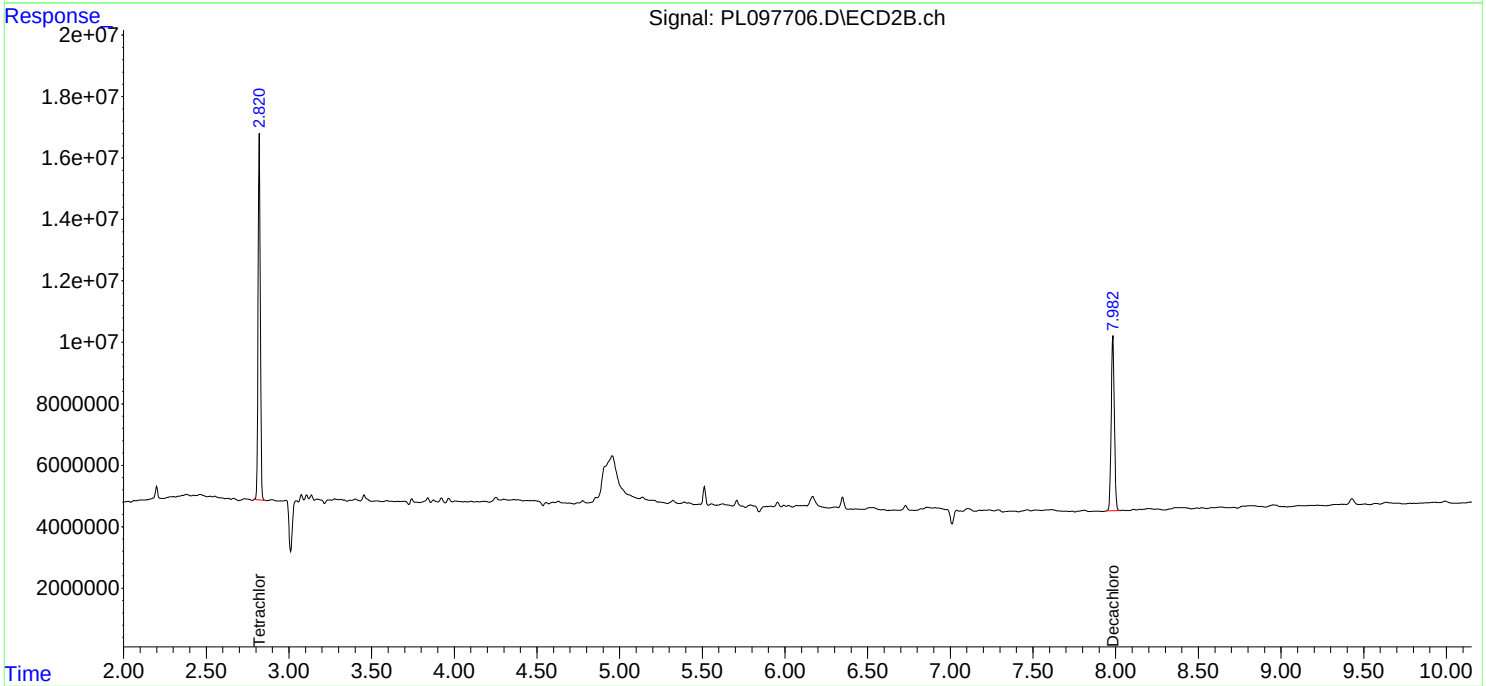
Instrument :
ECD_L
ClientSampleId :
SB-1025-2

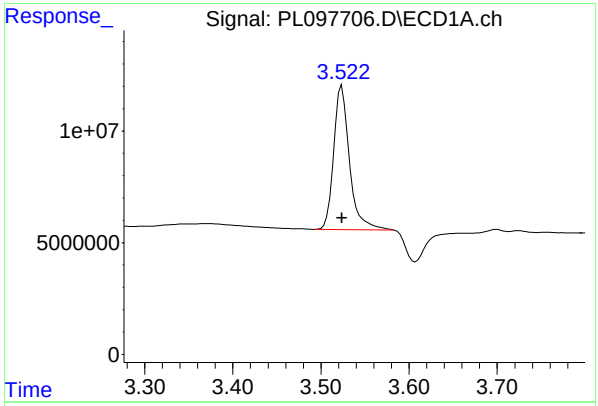
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







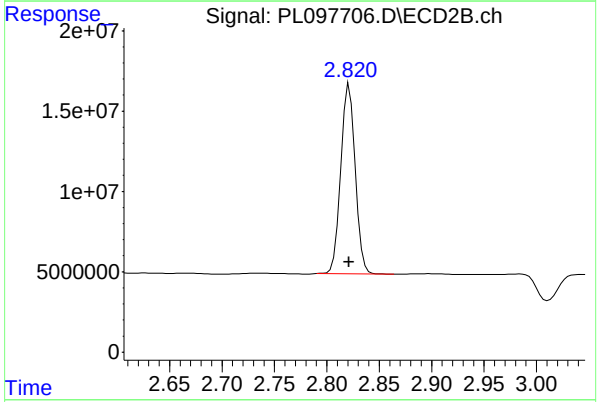
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 80750731
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2

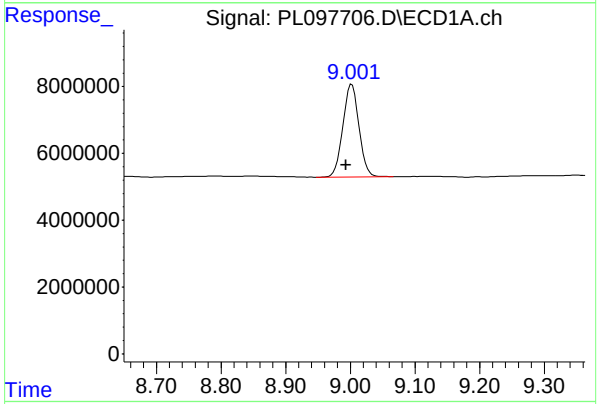
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



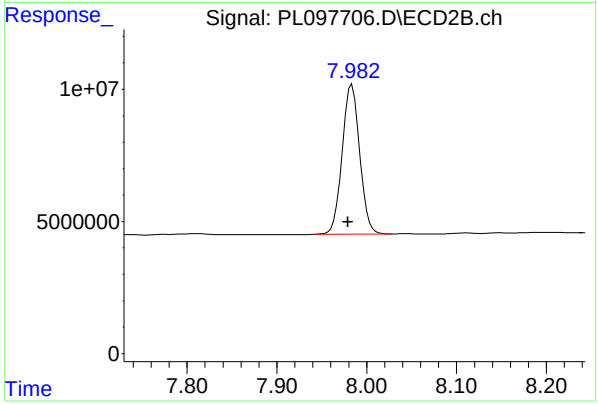
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 113511316
Conc: 18.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.009 min
Response: 47978033
Conc: 16.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 76489819
Conc: 14.31 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:34
Operator : AR\AJ
Sample : Q3495-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TW-1025-1

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.874	51572972	592.4E6	16.561m	19.896
28)	SA Decachlor...	9.070	8.061	62821856	509.8E6	13.429	16.829 #
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

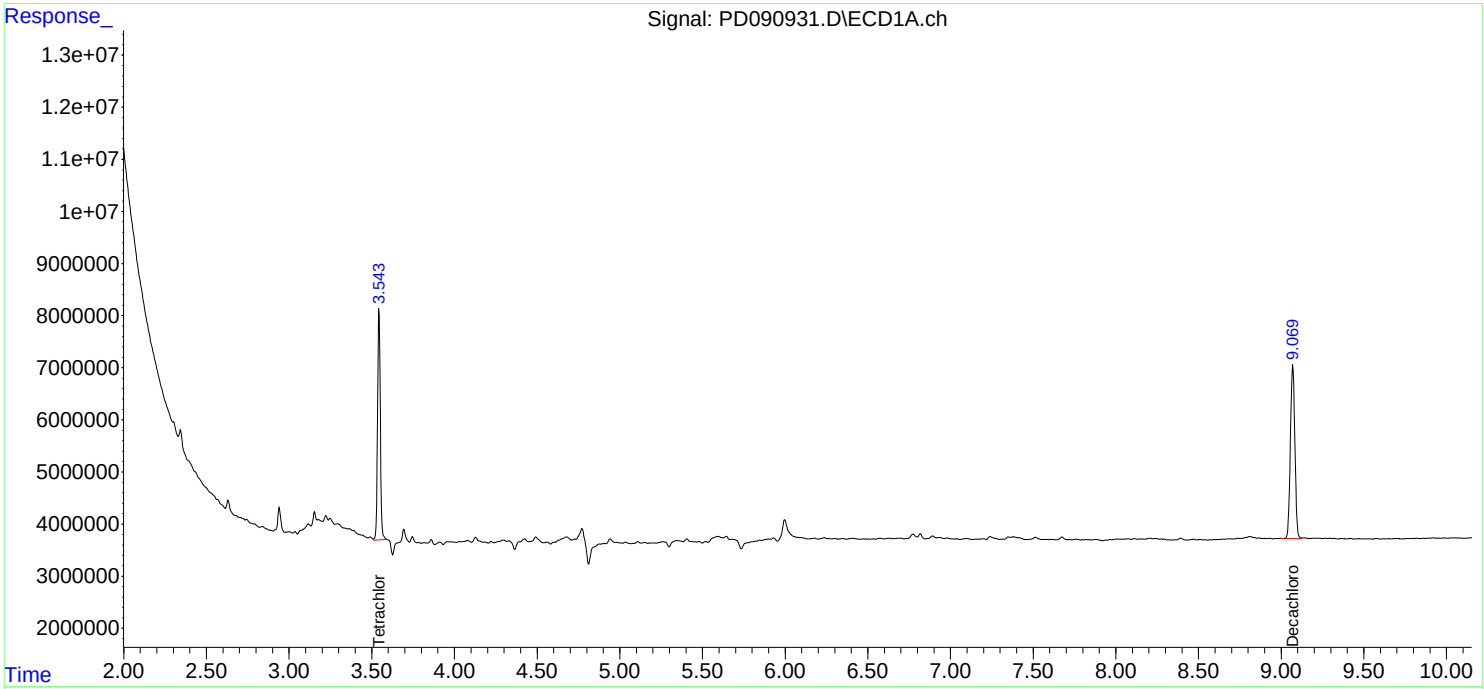
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:34
Operator : AR\AJ
Sample : Q3495-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

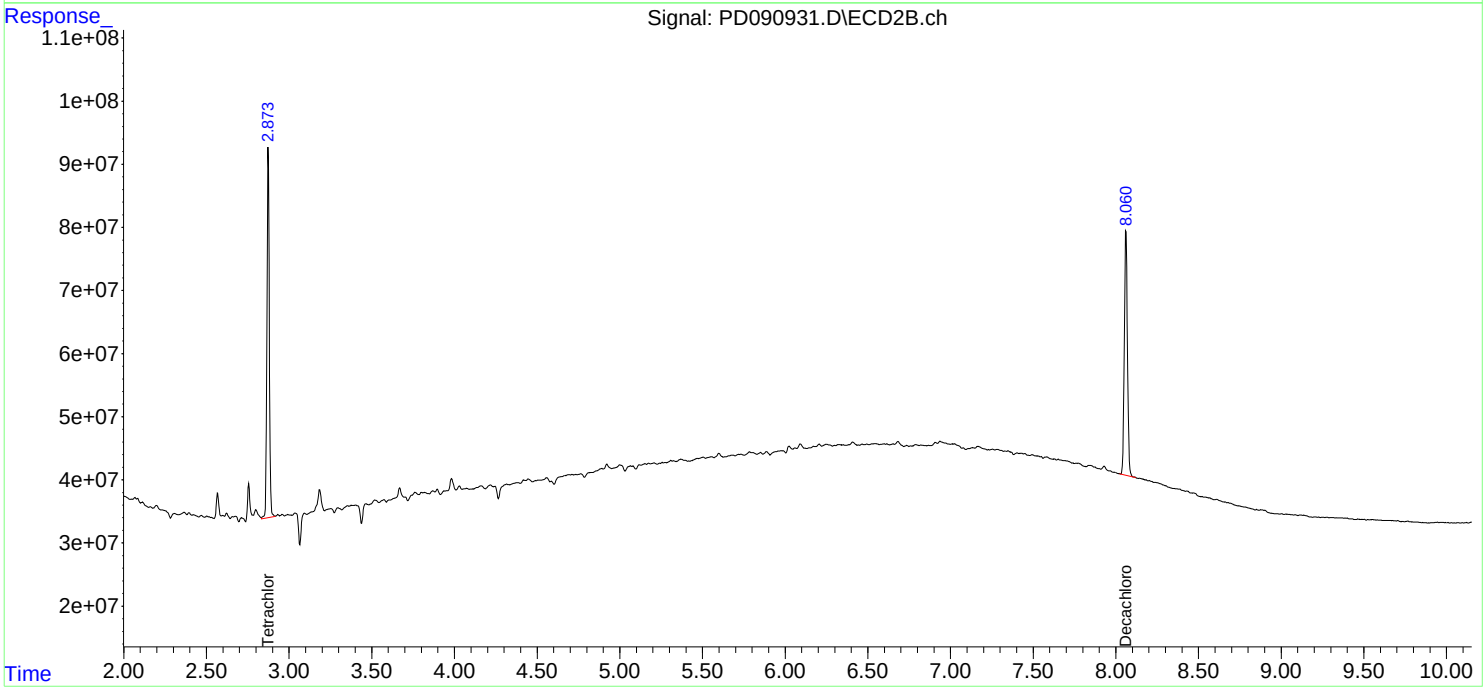
Instrument :
ECD_D
ClientSampleId :
TW-1025-1

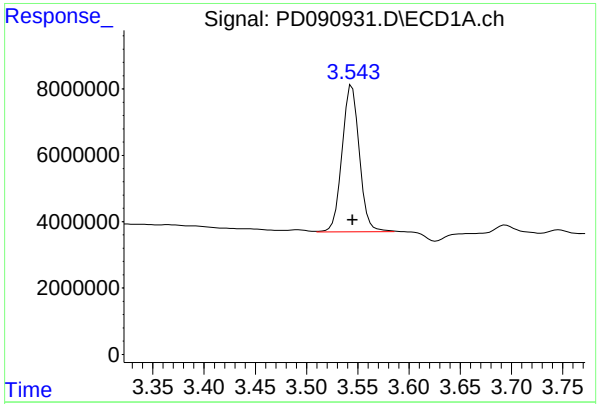
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







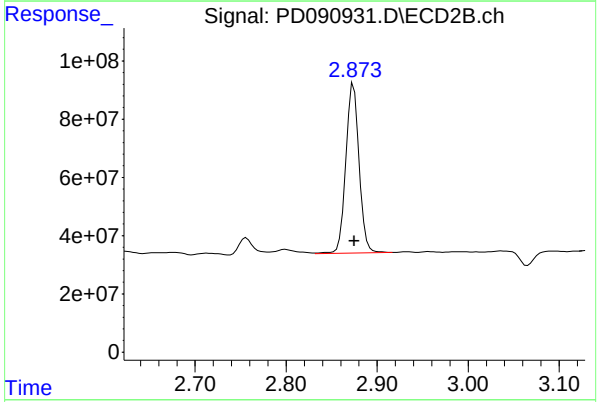
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 51572972
Conc: 16.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1025-1

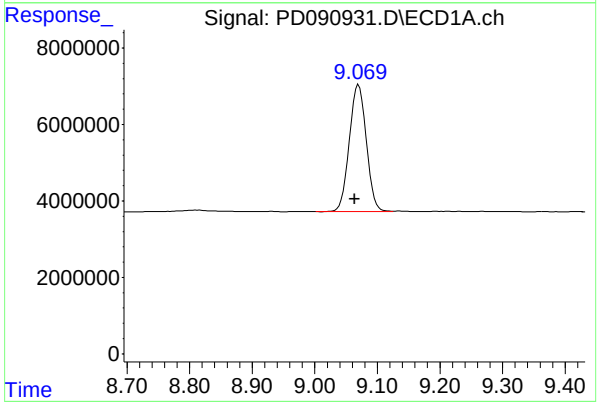
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



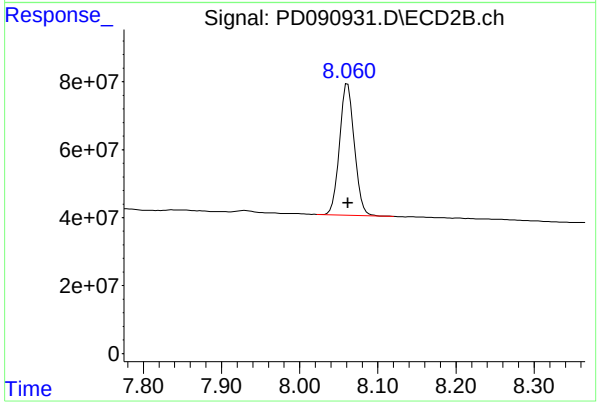
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 592433104
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 62821856
Conc: 13.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 509774537
Conc: 16.83 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:06
Operator : AR\AJ
Sample : PB170340BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.818	79274682	120.3E6	19.374	19.985
28)	SA Decachlor...	9.007	7.985	56171213	85245821	18.880	15.949
	Target Compounds						

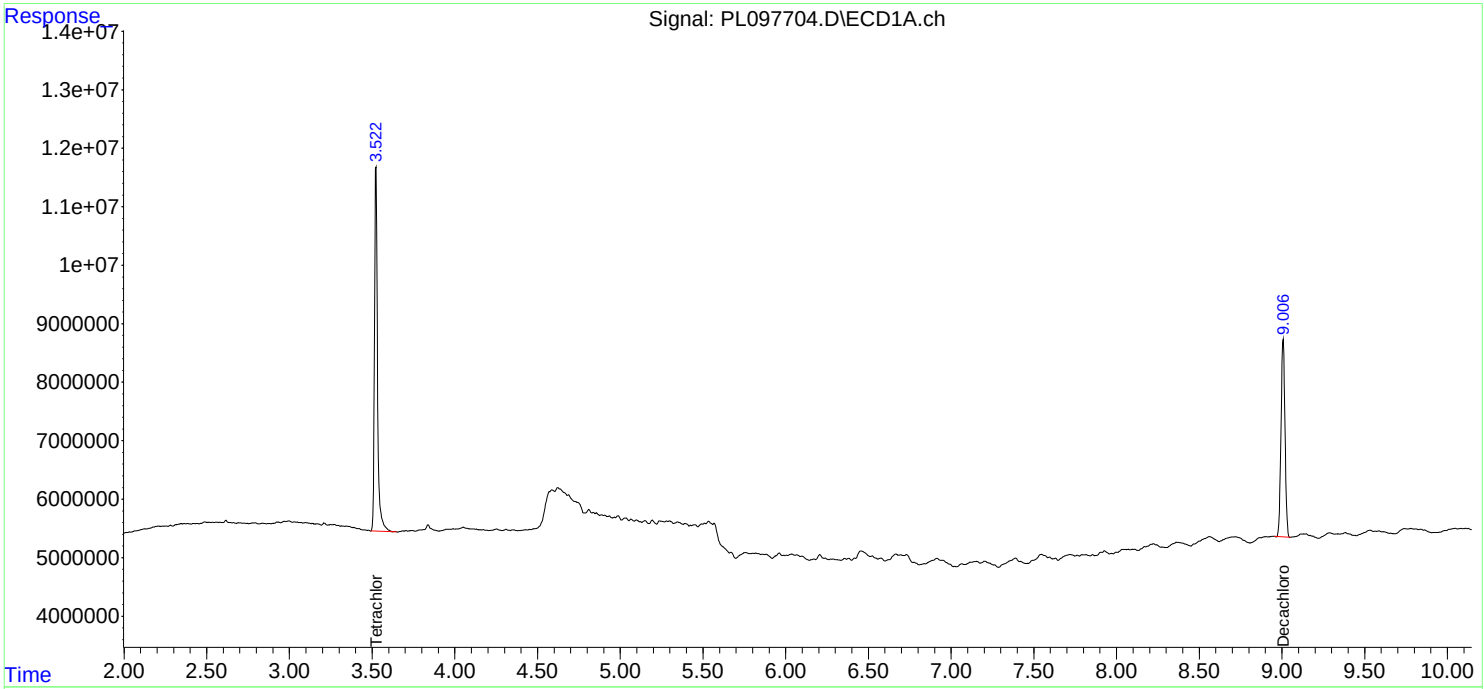
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

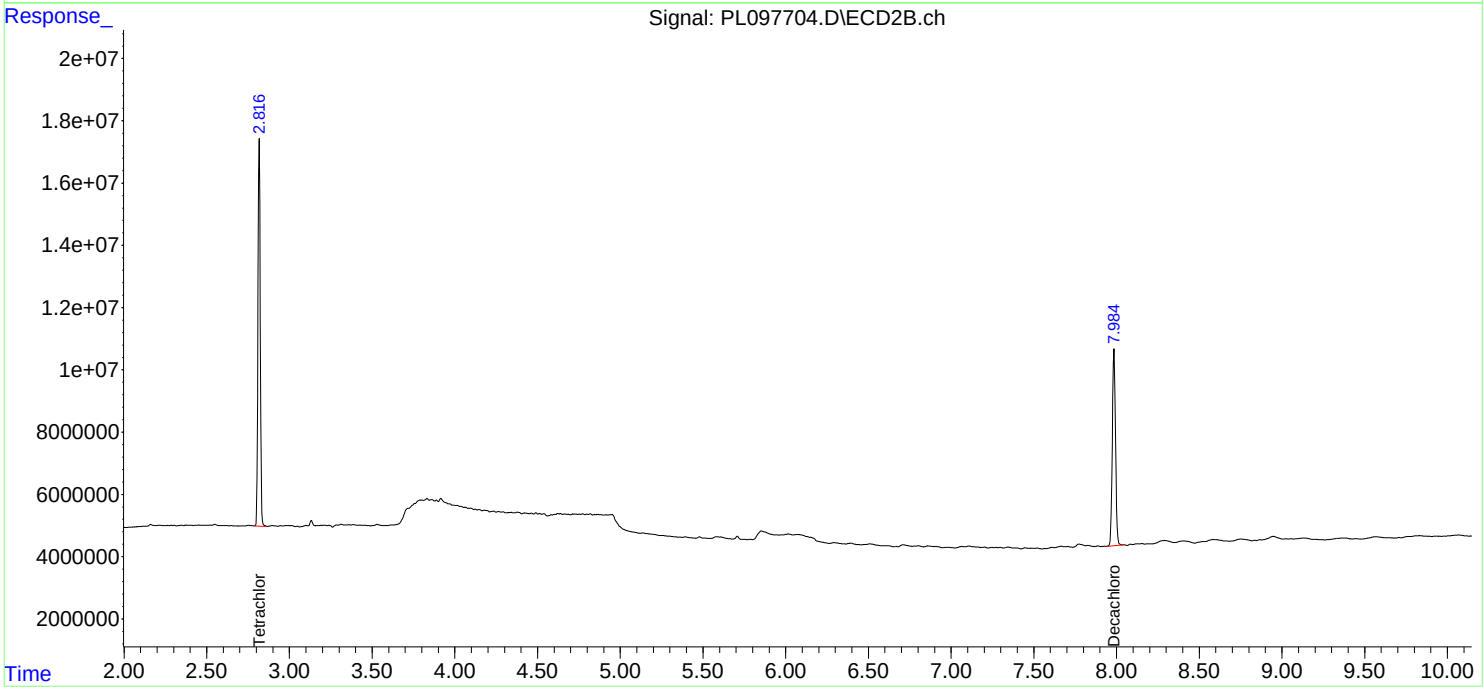
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:06
Operator : AR\AJ
Sample : PB170340BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

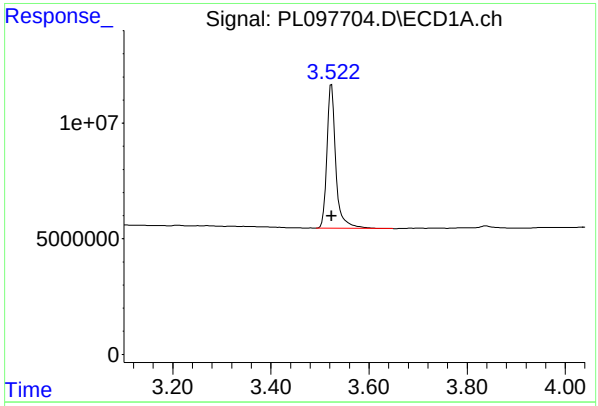
Instrument :
ECD_L
ClientSampleId :
PB170340BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



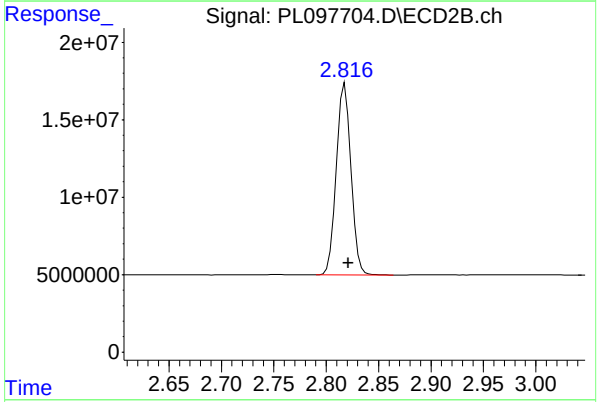




#1 Tetrachloro-m-xylene

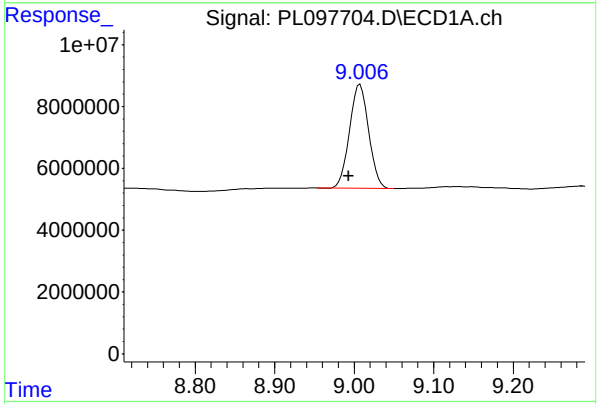
R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 79274682
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170340BL



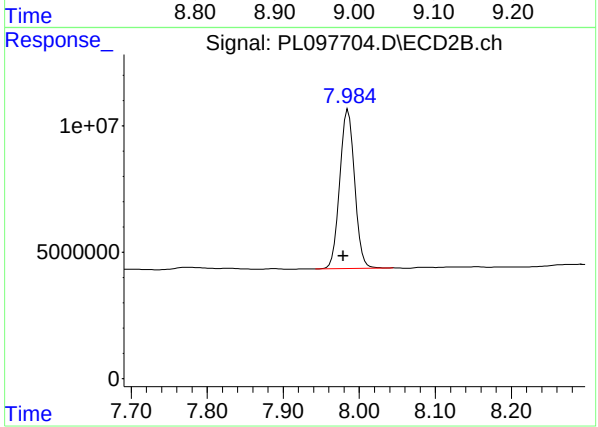
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.003 min
Response: 120288529
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: 0.014 min
Response: 56171213
Conc: 18.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: 0.006 min
Response: 85245821
Conc: 15.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:37
Operator : AR\AJ
Sample : PB170348BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.552	2.873	58389156	667.3E6	18.750	22.409
28)	SA Decachlor...	9.083	8.066	102.7E6	823.9E6	21.950	27.200
	Target Compounds						

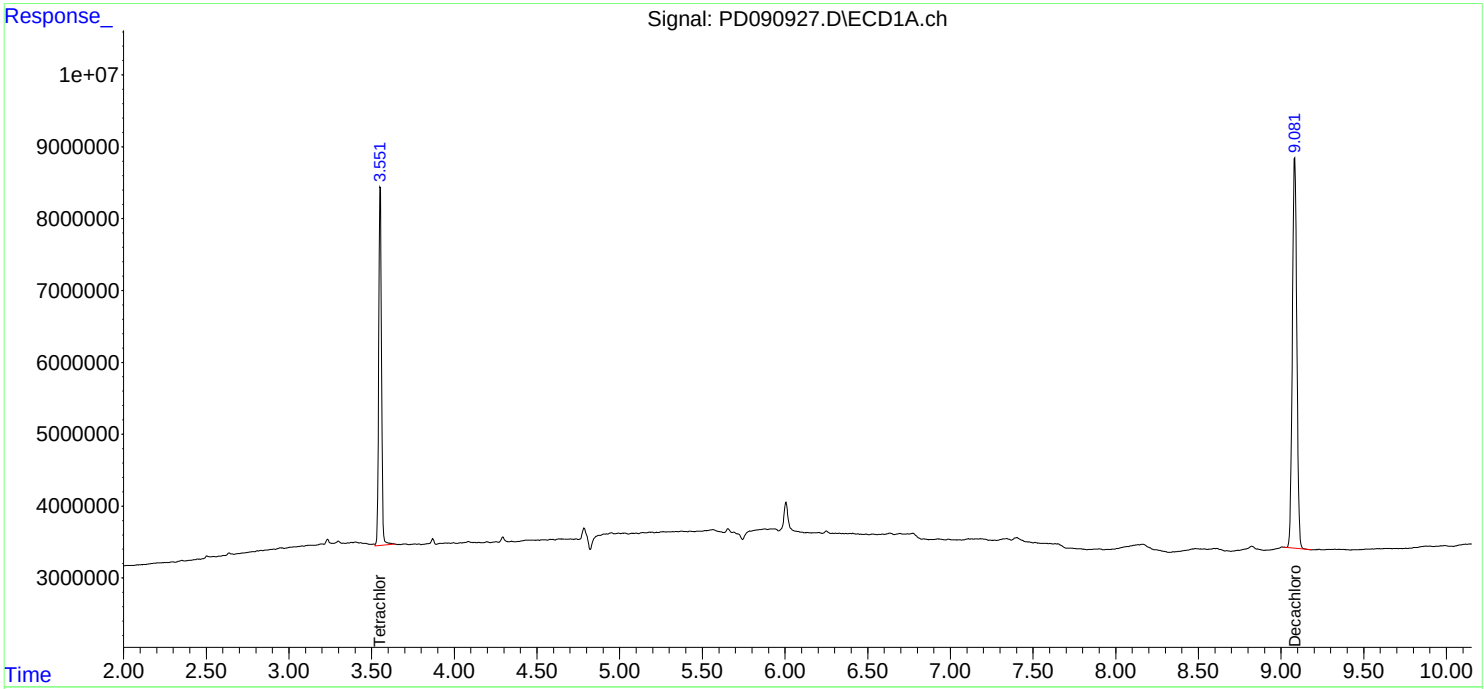
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

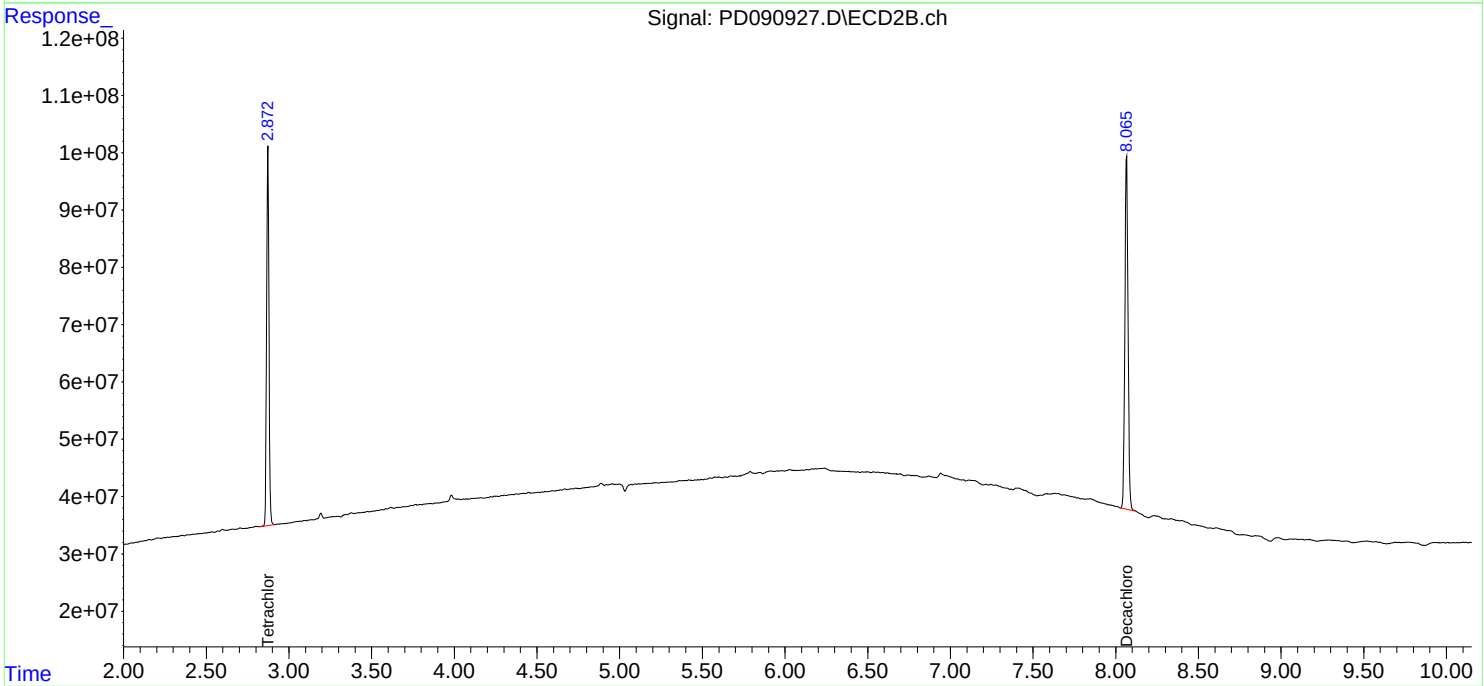
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:37
Operator : AR\AJ
Sample : PB170348BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

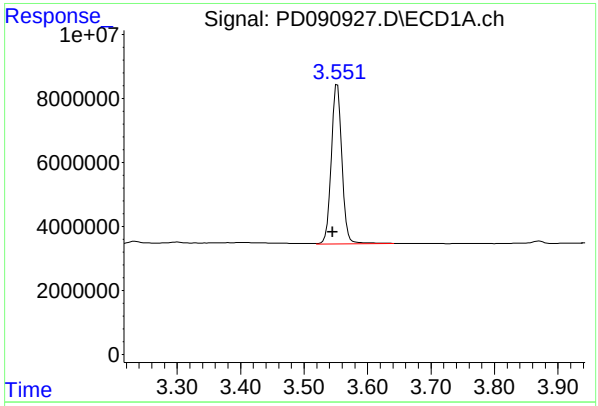
Instrument :
ECD_D
ClientSampleId :
PB170348BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



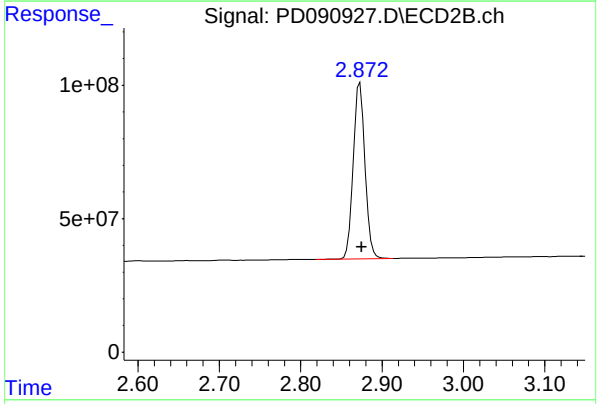




#1 Tetrachloro-m-xylene

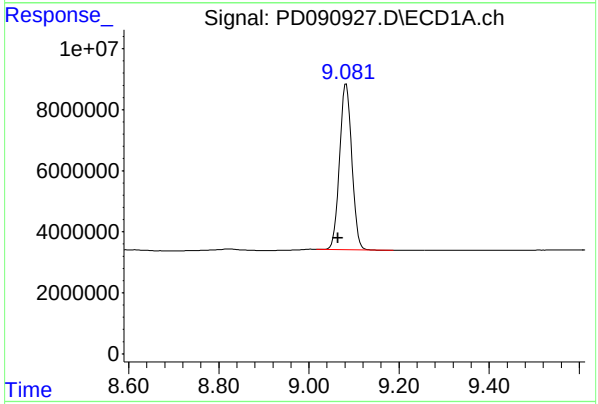
R.T.: 3.552 min
Delta R.T.: 0.007 min
Response: 58389156
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BL



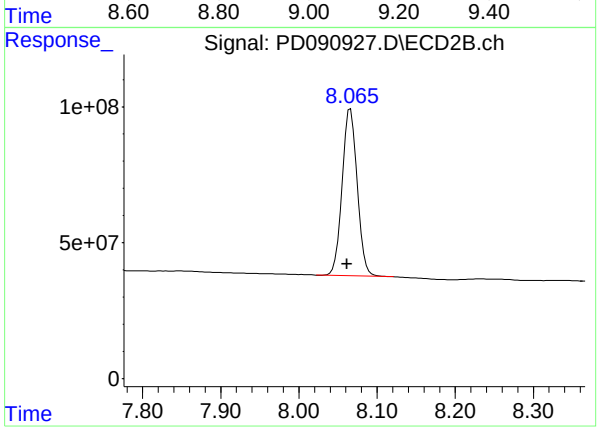
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 667273557
Conc: 22.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.018 min
Response: 102682607
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.004 min
Response: 823925533
Conc: 27.20 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:19
Operator : AR\AJ
Sample : PB170340BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.524	2.821	96856817	139.3E6	23.671	23.135
28)	SA Decachlor...	9.003	7.984	69529620	105.7E6	23.370	19.769
	Target Compounds						
2)	A alpha-BHC	3.971	3.325	347.0E6	494.7E6	51.068	50.846
3)	MA gamma-BHC...	4.299	3.657	325.5E6	459.5E6	50.941	50.724
4)	MA Heptachlor	4.891	4.005	327.9E6	446.8E6	51.278	49.290
5)	MB Aldrin	5.229	4.287	304.1E6	432.5E6	49.812	50.306
6)	B beta-BHC	4.487	3.954	133.7E6	188.9E6	51.312	47.817
7)	B delta-BHC	4.733	4.186	309.9E6	450.6E6	52.128	50.209
8)	B Heptachlo...	5.650	4.789	280.9E6	385.4E6	48.171	49.083
9)	A Endosulfan I	6.031	5.161	243.8E6	357.6E6	48.348	47.503
10)	B gamma-Chl...	5.904	5.042	271.5E6	415.9E6	49.530	48.054
11)	B alpha-Chl...	5.984	5.106	266.3E6	400.4E6	48.514	48.221
12)	B 4,4'-DDE	6.154	5.295	232.1E6	374.7E6	50.572	48.884
13)	MA Dieldrin	6.304	5.425	259.2E6	399.4E6	48.347	49.675
14)	MA Endrin	6.531	5.701	215.3E6	363.1E6	48.052	51.902
15)	B Endosulfa...	6.745	5.992	232.2E6	325.3E6	50.996	46.331
16)	A 4,4'-DDD	6.665	5.848	192.7E6	310.2E6	53.916	48.390
17)	MA 4,4'-DDT	6.979	6.100	197.0E6	308.0E6	48.869	44.783
18)	B Endrin al...	6.873	6.171	161.2E6	245.1E6	48.994	42.590
19)	B Endosulfa...	7.107	6.394	192.6E6	303.5E6	49.266	44.994
20)	A Methoxychlor	7.453	6.672	93021176	157.9E6	45.580	42.497
21)	B Endrin ke...	7.587	6.899	209.6E6	359.8E6	50.356	48.331
22)	Mirex	8.065	7.088	140.5E6	223.0E6	45.570	40.475

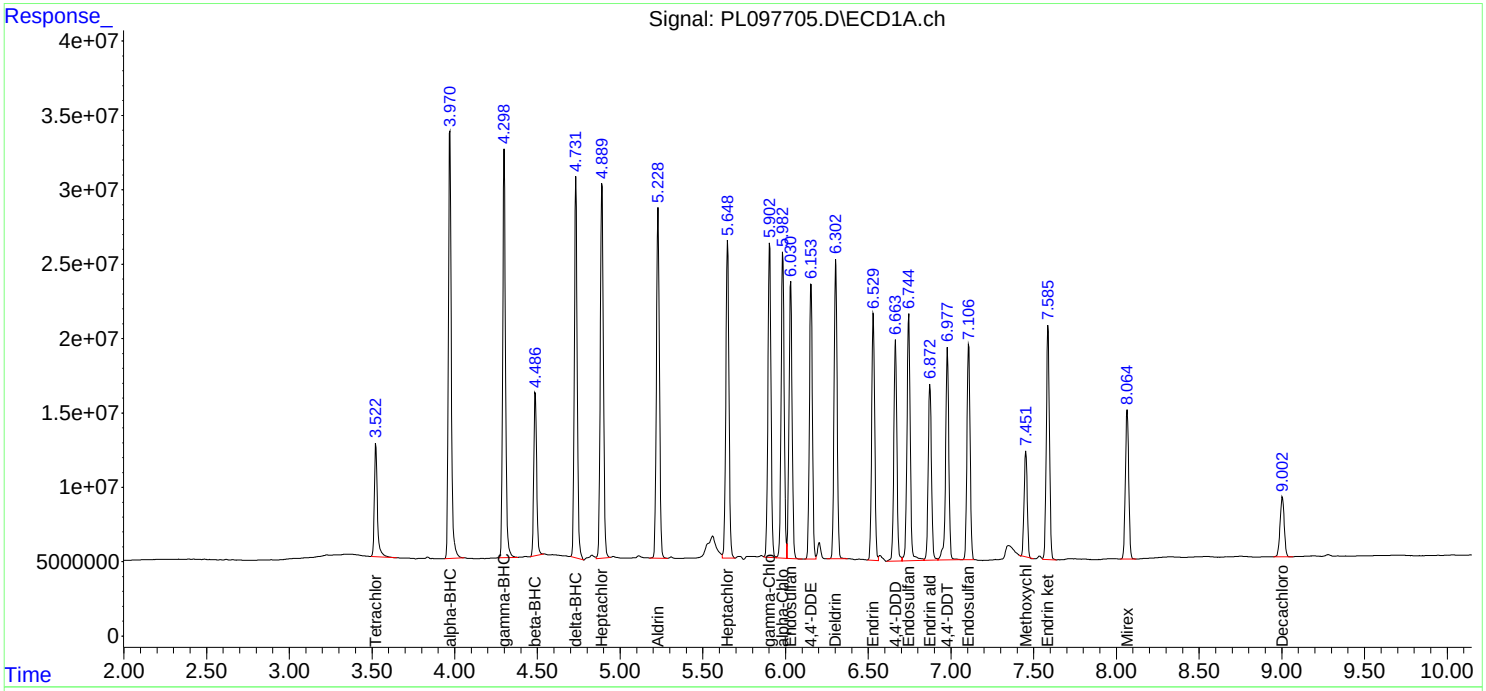
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

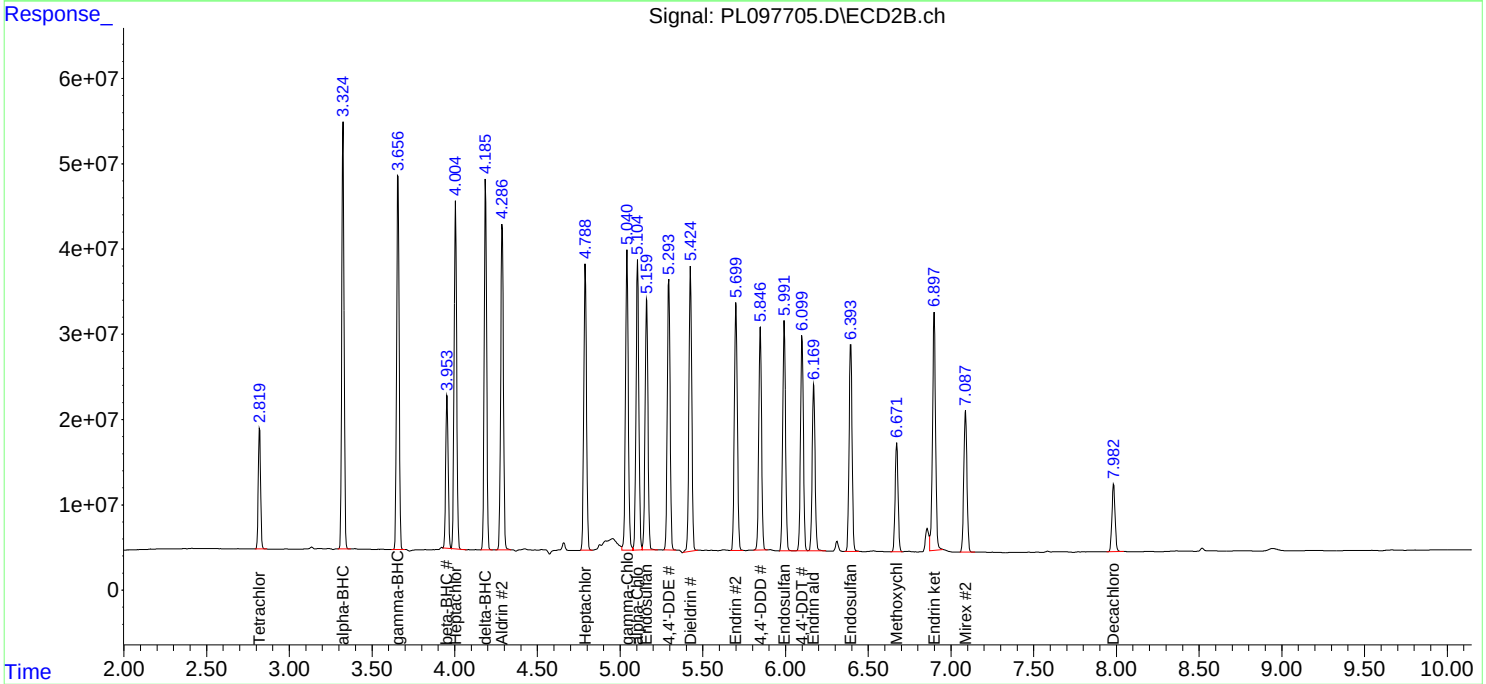
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:19
Operator : AR\AJ
Sample : PB170340BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:22
Operator : AR\AJ
Sample : PB170348BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	85832909	857.1E6	27.562	28.782
28)	SA Decachlor...	9.065	8.060	116.1E6	695.2E6	24.819	22.951
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	374.2E6	2621.2E6	52.133	51.300
3)	MA gamma-BHC...	4.324	3.721	349.4E6	2412.4E6	51.384	51.058
4)	MA Heptachlor	4.922	4.073	352.9E6	2390.9E6	63.145	53.605
5)	MB Aldrin	5.263	4.359	336.2E6	2341.8E6	51.342	50.558
6)	B beta-BHC	4.511	4.018	130.0E6	993.4E6	49.627	50.095
7)	B delta-BHC	4.759	4.253	346.9E6	2421.6E6	51.307	50.750
8)	B Heptachlo...	5.683	4.862	290.9E6	2128.4E6	50.253	49.918
9)	A Endosulfan I	6.067	5.236	270.8E6	1982.4E6	48.911	50.328
10)	B gamma-Chl...	5.939	5.115	296.6E6	2261.6E6	50.011	50.315
11)	B alpha-Chl...	6.018	5.180	299.9E6	2158.2E6	48.523m	50.031
12)	B 4,4'-DDE	6.189	5.364	255.3E6	2179.3E6	47.923	49.711
13)	MA Dieldrin	6.340	5.502	285.2E6	2183.2E6	48.904	49.412
14)	MA Endrin	6.567	5.778	239.8E6	1934.9E6	48.418	47.782
15)	B Endosulfa...	6.780	6.070	242.0E6	1767.0E6	48.402	47.051
16)	A 4,4'-DDD	6.699	5.918	201.3E6	1788.6E6	49.660	49.087
17)	MA 4,4'-DDT	7.015	6.172	197.1E6	1649.0E6	47.949	47.017
18)	B Endrin al...	6.909	6.248	164.1E6	1245.3E6	44.814	44.970
19)	B Endosulfa...	7.144	6.472	213.2E6	1657.6E6	45.964	46.243
20)	A Methoxychlor	7.488	6.743	102.3E6	788.2E6	48.118	45.225
21)	B Endrin ke...	7.625	6.981	223.4E6	1652.0E6	45.978	43.799
22)	Mirex	8.107	7.173	138.7E6	1057.5E6	43.330	41.164

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

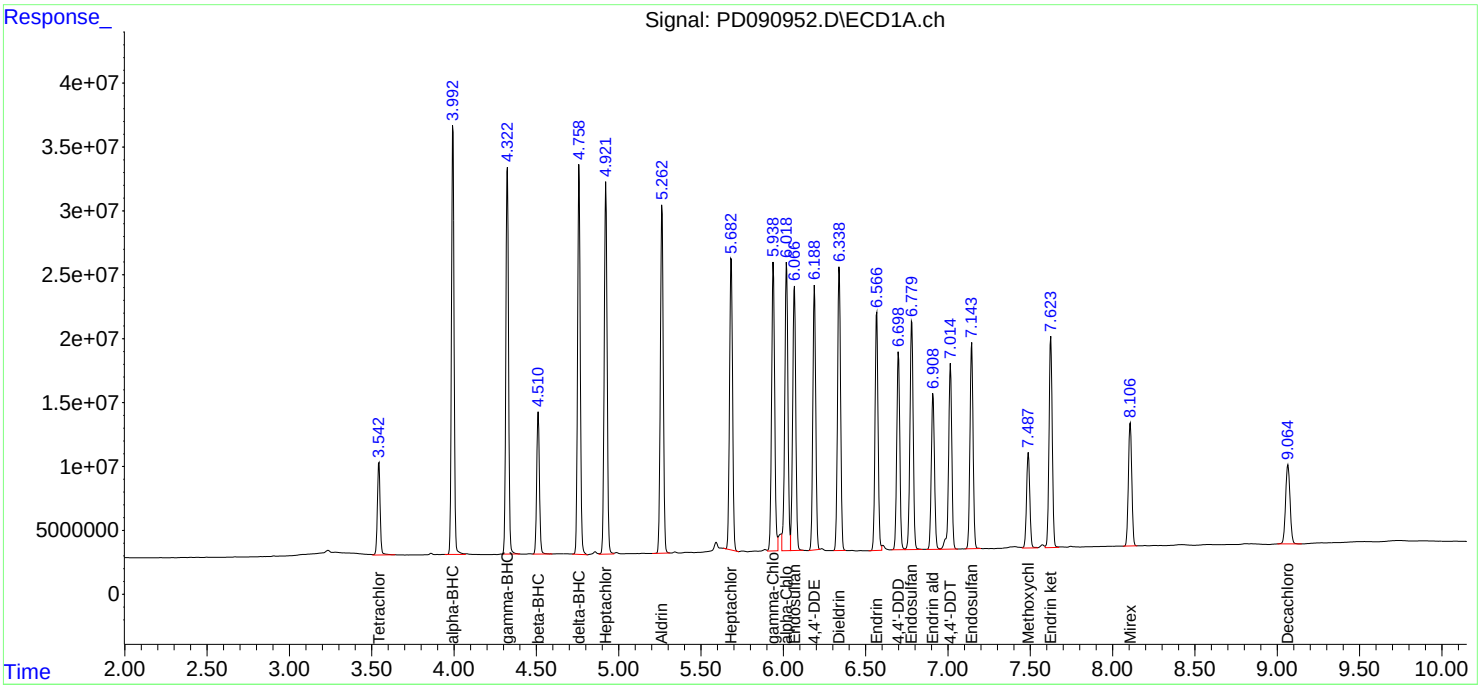
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:22
Operator : AR\AJ
Sample : PB170348BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

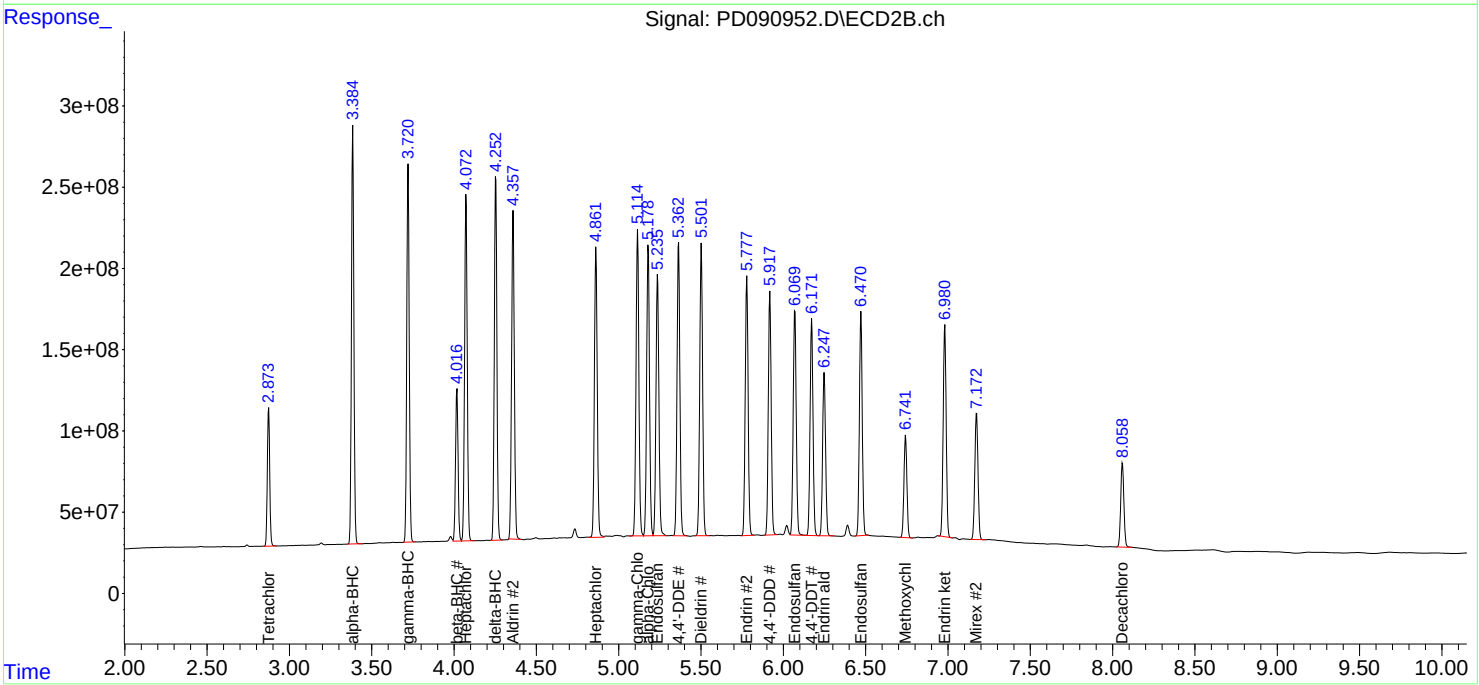
Instrument :
ECD_D
ClientSampleId :
PB170348BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:52
Operator : AR\AJ
Sample : PB170348BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.873	83592138	848.1E6	26.843	28.481
28)	SA Decachlor...	9.073	8.062	116.9E6	644.4E6	24.986	21.275
	Target Compounds						
2)	A alpha-BHC	4.001	3.385	373.7E6	2609.7E6	52.072	51.074
3)	MA gamma-BHC...	4.332	3.722	349.7E6	2392.7E6	51.433	50.641
4)	MA Heptachlor	4.930	4.074	354.5E6	2372.7E6	63.426	53.197
5)	MB Aldrin	5.271	4.360	334.4E6	2334.5E6	51.082	50.401
6)	B beta-BHC	4.519	4.018	127.7E6	986.4E6	48.743	49.744
7)	B delta-BHC	4.767	4.254	346.7E6	2408.5E6	51.274	50.474
8)	B Heptachlo...	5.691	4.864	281.8E6	2122.9E6	48.672	49.788
9)	A Endosulfan I	6.075	5.237	268.5E6	1933.9E6	48.490	49.095
10)	B gamma-Chl...	5.947	5.116	287.1E6	2216.7E6	48.397	49.316
11)	B alpha-Chl...	6.027	5.181	288.3E6	2109.1E6	46.642	48.893
12)	B 4,4'-DDE	6.197	5.365	257.0E6	2107.6E6	48.248	48.076
13)	MA Dieldrin	6.348	5.503	284.7E6	2124.3E6	48.829	48.079
14)	MA Endrin	6.575	5.780	235.1E6	1857.5E6	47.461	45.871
15)	B Endosulfa...	6.788	6.072	238.4E6	1699.9E6	47.683	45.263
16)	A 4,4'-DDD	6.707	5.920	198.7E6	1718.2E6	49.003	47.154
17)	MA 4,4'-DDT	7.022	6.174	195.3E6	1612.9E6	47.504	45.987
18)	B Endrin al...	6.917	6.249	162.7E6	1232.7E6	44.425	44.514
19)	B Endosulfa...	7.152	6.473	210.1E6	1570.9E6	45.291	43.826
20)	A Methoxychlor	7.495	6.744	99753193	757.8E6	46.930	43.484
21)	B Endrin ke...	7.632	6.983	222.1E6	1555.4E6	45.719	41.239
22)	Mirex	8.114	7.175	137.6E6	979.0E6	42.992	38.106

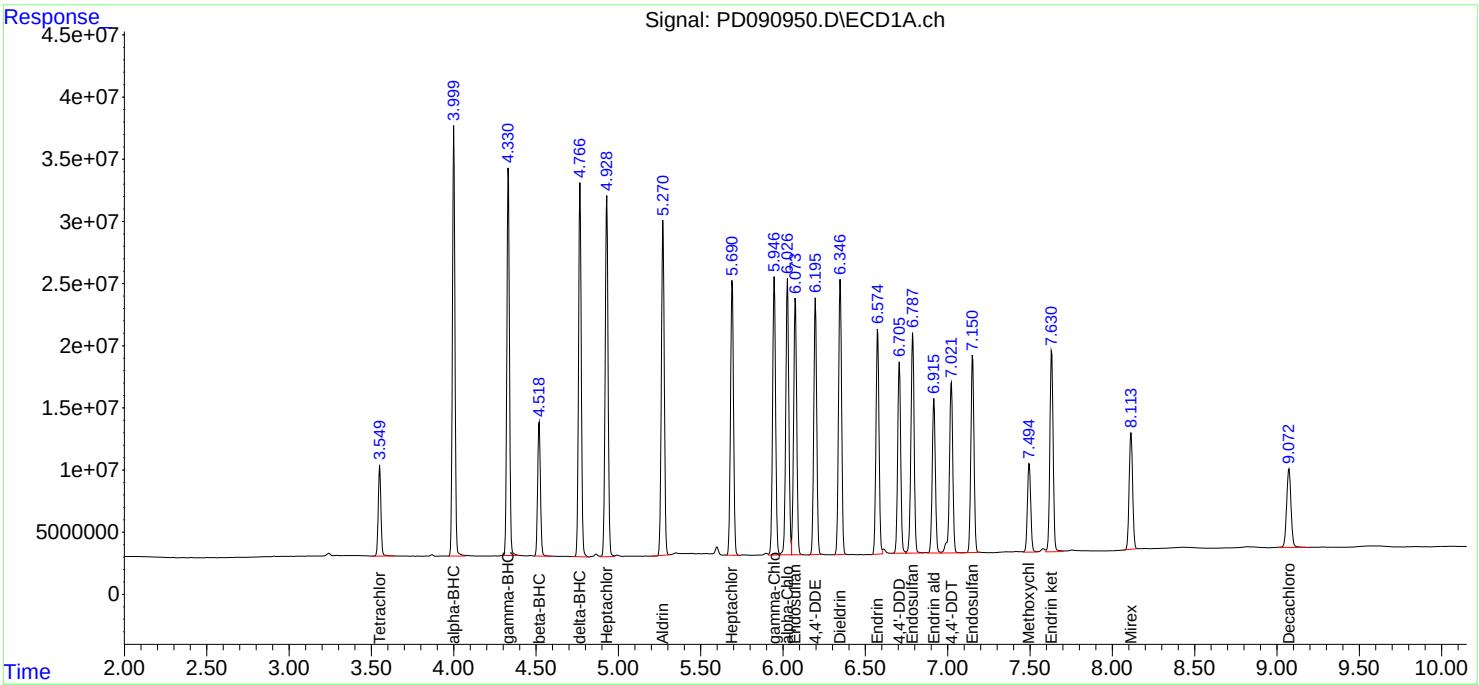
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

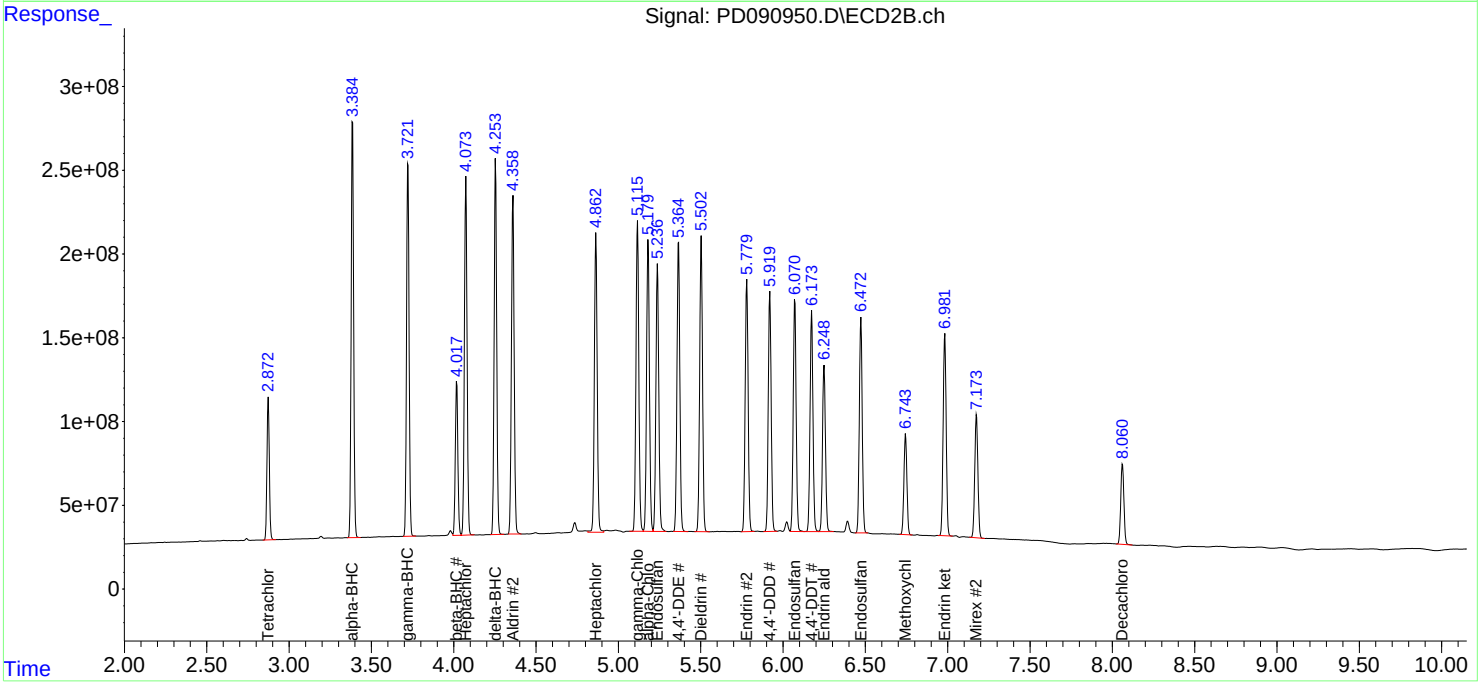
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:52
Operator : AR\AJ
Sample : PB170348BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:47
Operator : AR\AJ
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.523	2.822	68747010	100.5E6	16.801m	16.695
28)	SA	Decachlor...	9.001	7.984	43898537	68422749	14.755	12.802
		Target Compounds						
2)	A	alpha-BHC	3.972	3.327	338.6E6	477.3E6	49.836	49.061
3)	MA	gamma-BHC...	4.300	3.659	318.2E6	446.5E6	49.806	49.285
4)	MA	Heptachlor	4.891	4.007	331.0E6	436.9E6	51.753	48.189
5)	MB	Aldrin	5.230	4.289	299.5E6	423.7E6	49.053	49.286
6)	B	beta-BHC	4.488	3.956	132.4E6	184.9E6	50.820	46.806
7)	B	delta-BHC	4.733	4.188	308.2E6	439.4E6	51.844	48.964
8)	B	Heptachlo...	5.651	4.791	277.6E6	380.5E6	47.607	48.465
9)	A	Endosulfan I	6.032	5.162	243.9E6	359.9E6	48.371	47.806
10)	B	gamma-Chl...	5.904	5.043	270.6E6	412.2E6	49.358	47.624
11)	B	alpha-Chl...	5.984	5.107	265.1E6	398.7E6	48.285	48.015
12)	B	4,4'-DDE	6.155	5.296	233.9E6	372.3E6	50.959	48.568
13)	MA	Dieldrin	6.304	5.427	260.5E6	390.9E6	48.578	48.628
14)	MA	Endrin	6.531	5.701	214.3E6	348.4E6	47.839	49.801
15)	B	Endosulfa...	6.744	5.994	225.0E6	332.2E6	49.409	47.301
16)	A	4,4'-DDD	6.664	5.849	187.9E6	293.1E6	52.561	45.715
17)	MA	4,4'-DDT	6.979	6.101	201.1E6	319.8E6	49.867	46.489
18)	B	Endrin al...	6.873	6.172	160.4E6	249.4E6	48.759	43.335
19)	B	Endosulfa...	7.107	6.395	193.2E6	308.0E6	49.413	45.648
20)	A	Methoxychlor	7.452	6.673	99197682	164.0E6	48.607	44.137
21)	B	Endrin ke...	7.587	6.898	203.3E6	334.0E6	48.848	44.867m
22)		Mirex	8.065	7.090	139.3E6	229.2E6	45.165	41.592

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

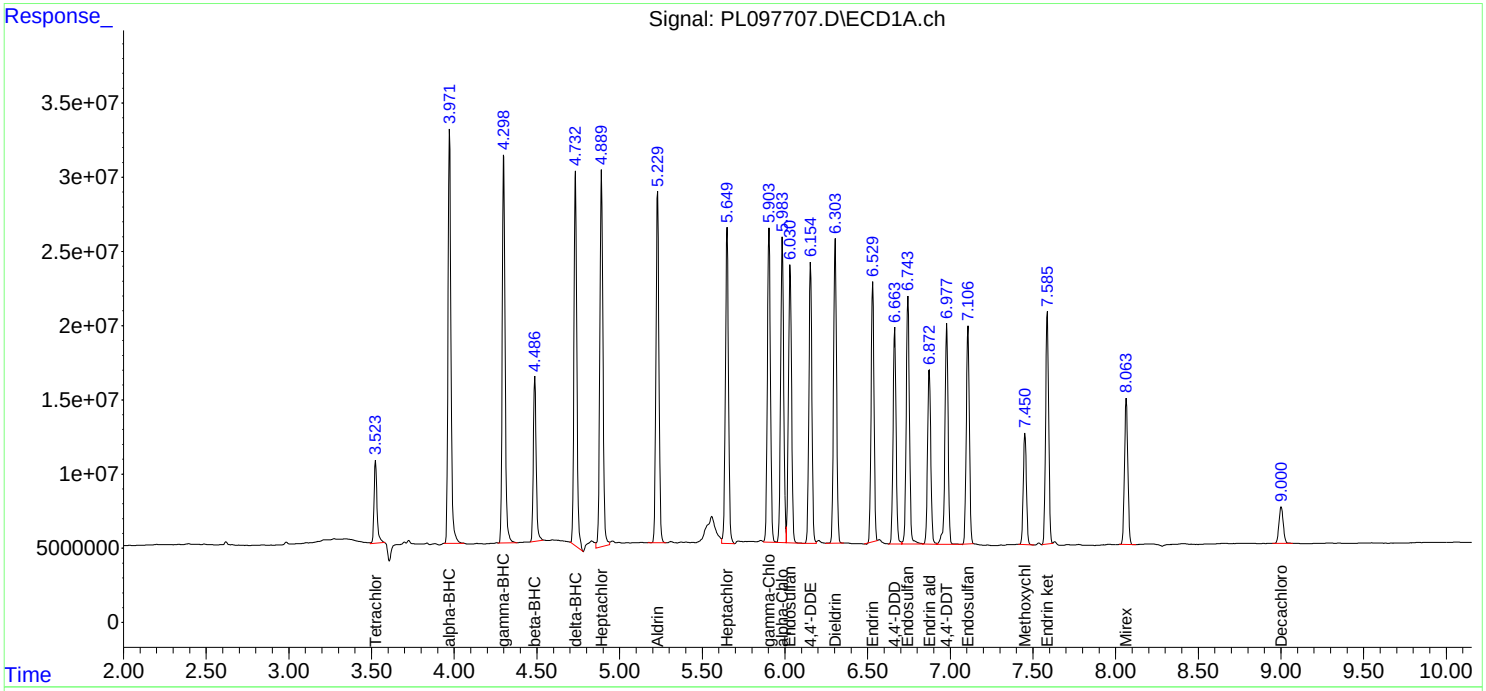
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:47
Operator : AR\AJ
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

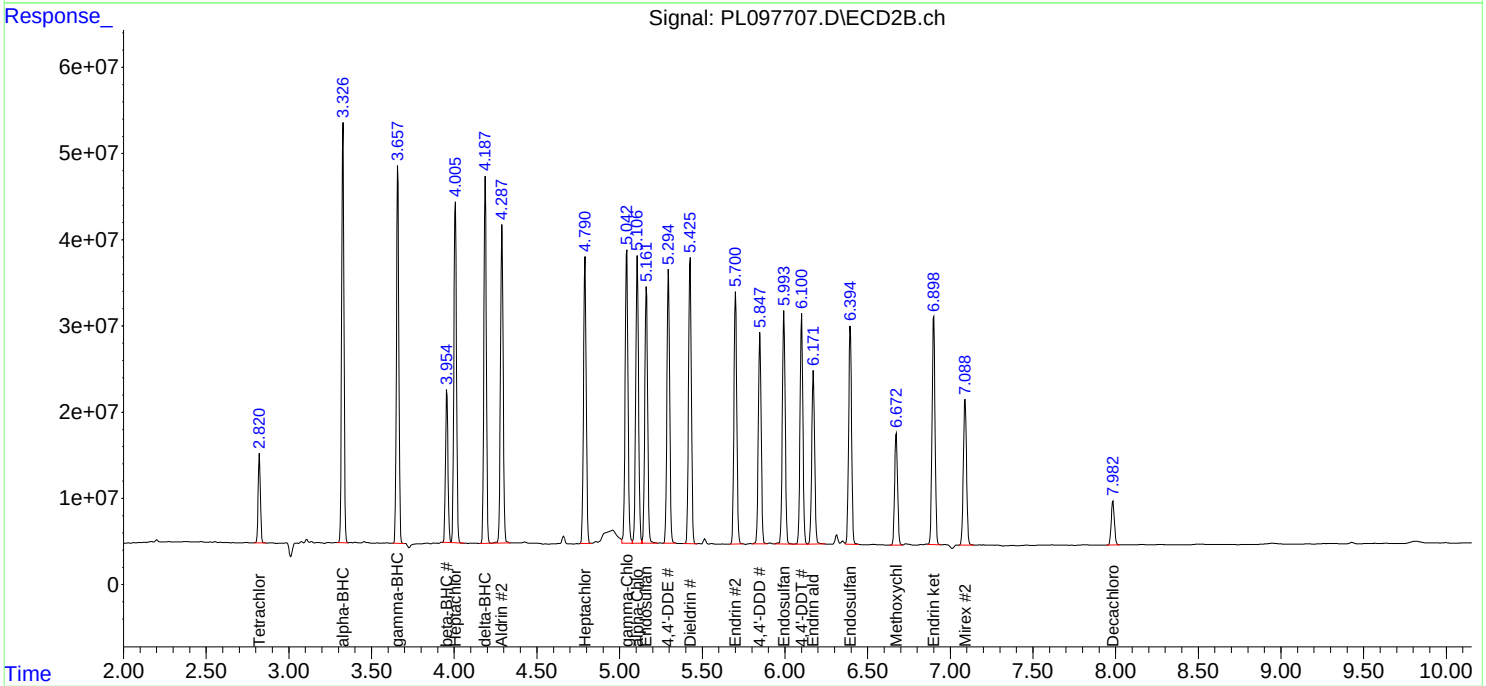
Instrument :
ECD_L
ClientSampleId :
SB-1025-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:00
Operator : AR\AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.523	2.822	69584258	103.4E6	17.006m	17.171
28)	SA	Decachlor...	9.001	7.984	44314272	71690883	14.895	13.413
		Target Compounds						
2)	A	alpha-BHC	3.971	3.327	347.7E6	489.8E6	51.178	50.342
3)	MA	gamma-BHC...	4.299	3.659	326.2E6	457.8E6	51.053	50.537
4)	MA	Heptachlor	4.891	4.006	339.1E6	444.5E6	53.028	49.028
5)	MB	Aldrin	5.230	4.289	306.0E6	433.5E6	50.115	50.418
6)	B	beta-BHC	4.488	3.955	135.4E6	188.5E6	51.948	47.716
7)	B	delta-BHC	4.733	4.188	316.3E6	450.5E6	53.209	50.199
8)	B	Heptachlo...	5.650	4.791	284.0E6	388.4E6	48.693	49.468
9)	A	Endosulfan I	6.031	5.162	250.8E6	367.9E6	49.732	48.873
10)	B	gamma-Chl...	5.904	5.043	275.9E6	419.6E6	50.323	48.487
11)	B	alpha-Chl...	5.984	5.107	273.0E6	406.6E6	49.737	48.969
12)	B	4,4'-DDE	6.155	5.295	241.0E6	381.0E6	52.519	49.708
13)	MA	Dieldrin	6.304	5.426	265.8E6	399.5E6	49.580	49.693
14)	MA	Endrin	6.531	5.701	218.7E6	355.2E6	48.813	50.766
15)	B	Endosulfa...	6.745	5.993	229.7E6	340.0E6	50.444	48.417
16)	A	4,4'-DDD	6.665	5.848	191.7E6	302.5E6	53.629	47.180
17)	MA	4,4'-DDT	6.978	6.101	203.3E6	325.7E6	50.413	47.353
18)	B	Endrin al...	6.873	6.172	164.7E6	255.1E6	50.056	44.326
19)	B	Endosulfa...	7.107	6.395	196.5E6	316.7E6	50.264	46.951
20)	A	Methoxychlor	7.452	6.673	98567291	167.8E6	48.298	45.171
21)	B	Endrin ke...	7.587	6.898	209.1E6	344.3E6	50.226	46.254m
22)		Mirex	8.065	7.088	141.1E6	236.5E6	45.743	42.920

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

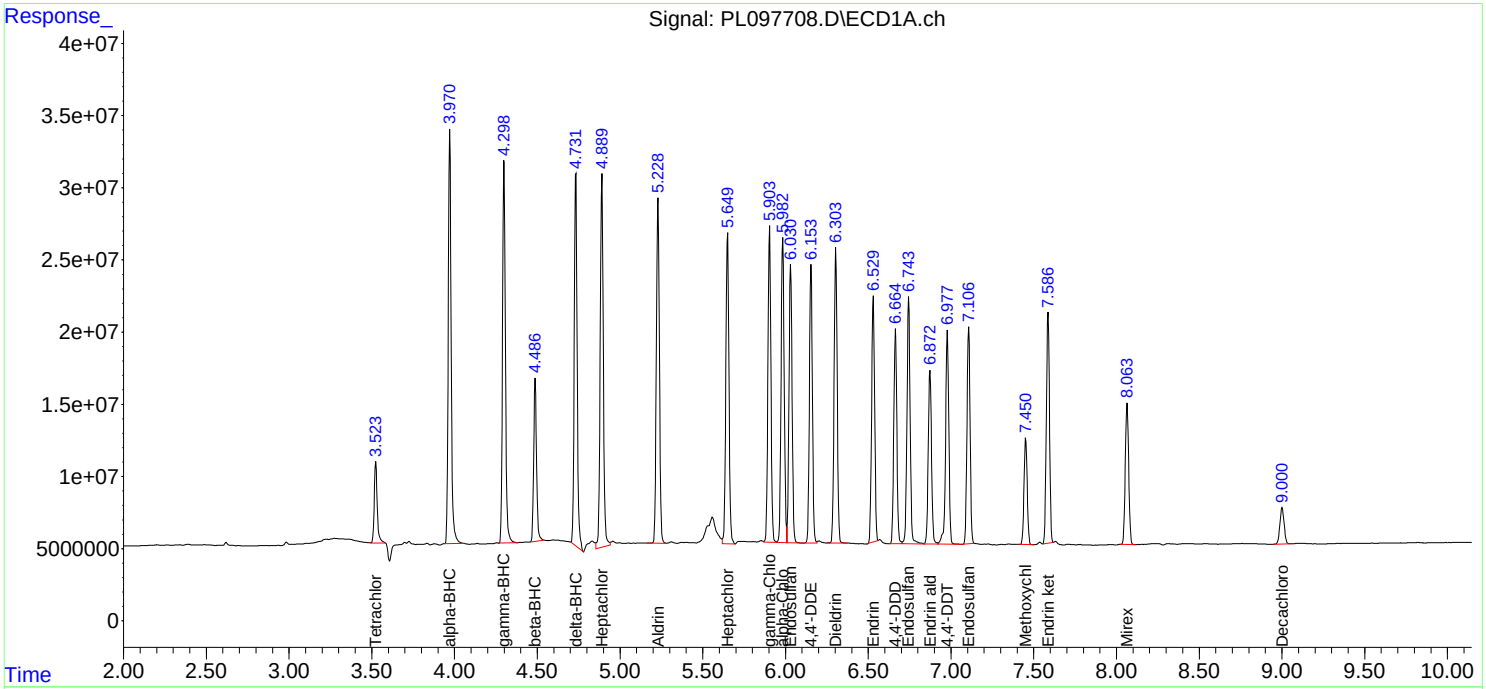
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:00
Operator : AR\AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

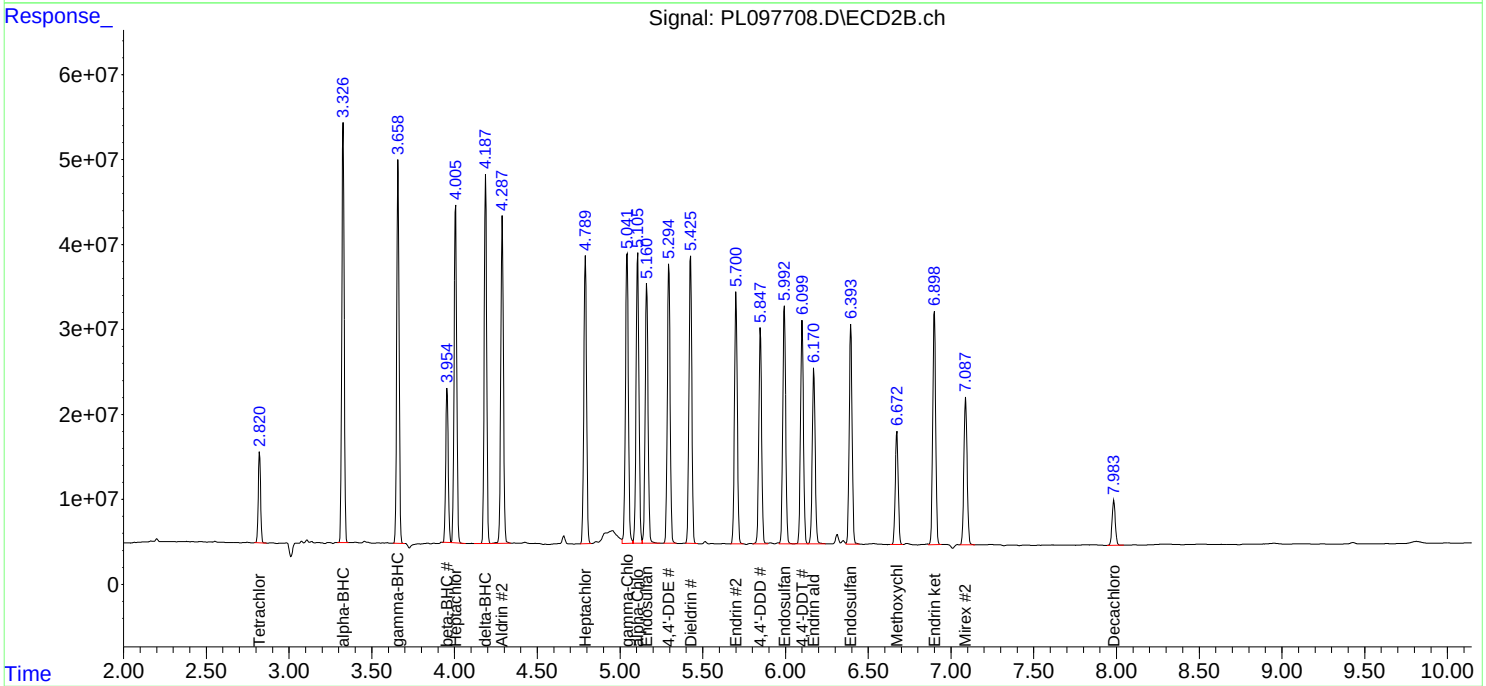
Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd103125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090925.D	Endrin aldehyde	rahul	11/3/2025 8:18:48 AM	yogesh	11/3/2025 8:49:33	Peak Integrated by Software
PSTDCCC050	PD090926.D	Endrin ketone #2	rahul	11/3/2025 8:18:51 AM	yogesh	11/3/2025 8:49:35	Peak Integrated by Software
Q3495-03	PD090931.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:18:59 AM	yogesh	11/3/2025 8:49:42	Peak Integrated by Software
PSTDCCC050	PD090933.D	Endrin ketone #2	rahul	11/3/2025 8:19:03 AM	yogesh	11/3/2025 8:49:43	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pd110425	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090937.D	Endrin ketone #2	rahul	11/5/2025 8:29:24 AM	yogesh	11/5/2025 8:39:44	Peak Integrated by Software
PB170348BS	PD090952.D	alpha-Chlordane	rahul	11/5/2025 8:29:59 AM	yogesh	11/5/2025 8:40:08	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102825	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097637.D	4,4"-DDD	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin aldehyde	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin ketone	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin ketone #2	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
RESCHK	PL097638.D	gamma-Chlordane #2	Abdul	10/29/2025 8:11:40 AM	Sohil	10/29/2025 4:11:35	Peak Integrated by Software
PSTDICC025	PL097642.D	Endosulfan II	Abdul	10/29/2025 8:11:33 AM	Sohil	10/29/2025 4:11:37	Peak Integrated by Software
PSTDICC005	PL097643.D	4,4"-DDD	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	alpha-Chlordane #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endosulfan I #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endrin	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endrin #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102825	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL097643.D	Endrin aldehyde #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	gamma-Chlordane #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Heptachlor	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PCHLORICV500	PL097655.D	Chlordane-1	Abdul	10/29/2025 8:11:21 AM	Sohil	10/29/2025 4:11:43	Peak Integrated by Software
PCHLORICV500	PL097655.D	Decachlorobiphenyl	Abdul	10/29/2025 8:11:21 AM	Sohil	10/29/2025 4:11:43	Peak Integrated by Software
PEM	PL097658.D	4,4"-DDD	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin aldehyde	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin aldehyde #2	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin ketone	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl103125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097700.D	4,4"-DDD	rahul	11/3/2025 8:09:14 AM	yogesh	11/3/2025 8:42:42	Peak Integrated by Software
PEM	PL097700.D	Endrin aldehyde	rahul	11/3/2025 8:09:14 AM	yogesh	11/3/2025 8:42:42	Peak Integrated by Software
PSTDCCC050	PL097701.D	4,4"-DDD	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Dieldrin #2	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Endrin	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	gamma-Chlordane	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Heptachlor	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
Q3495-02	PL097706.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:23 AM	yogesh	11/3/2025 8:42:53	Peak Integrated by Software
Q3495-02MS	PL097707.D	Endrin ketone #2	rahul	11/3/2025 8:09:59 AM	yogesh	11/3/2025 8:42:55	Peak Integrated by Software
Q3495-02MS	PL097707.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:59 AM	yogesh	11/3/2025 8:42:55	Peak Integrated by Software
Q3495-02MSD	PL097708.D	Endrin ketone #2	rahul	11/3/2025 8:09:28 AM	yogesh	11/3/2025 8:42:57	Peak Integrated by Software
Q3495-02MSD	PL097708.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:28 AM	yogesh	11/3/2025 8:42:57	Peak Integrated by Software
PSTDCCC050	PL097715.D	gamma-Chlordane	rahul	11/3/2025 8:09:50 AM	yogesh	11/3/2025 8:43:25	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl103125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD103125

Review By	rahul	Review On	11/3/2025 8:19:14 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:55 AM		
SubDirectory	PD103125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090923.D	31 Oct 2025 09:53	AR\AJ	Ok
2	I.BLK	PD090924.D	31 Oct 2025 10:06	AR\AJ	Ok
3	PEM	PD090925.D	31 Oct 2025 10:20	AR\AJ	Ok,M
4	PSTDCCC050	PD090926.D	31 Oct 2025 11:09	AR\AJ	Ok,M
5	PB170348BL	PD090927.D	31 Oct 2025 14:37	AR\AJ	Ok
6	PB170348BS	PD090928.D	31 Oct 2025 14:51	AR\AJ	Not Ok
7	PB170348BSD	PD090929.D	31 Oct 2025 15:07	AR\AJ	Not Ok
8	Q3477-03	PD090930.D	31 Oct 2025 15:21	AR\AJ	Ok,M
9	Q3495-03	PD090931.D	31 Oct 2025 15:34	AR\AJ	Ok,M
10	I.BLK	PD090932.D	31 Oct 2025 15:48	AR\AJ	Ok
11	PSTDCCC050	PD090933.D	31 Oct 2025 16:01	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM		
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PD110425	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090934.D	04 Nov 2025 09:04	AR\AJ	Ok
2	I.BLK	PD090935.D	04 Nov 2025 09:17	AR\AJ	Ok
3	PEM	PD090936.D	04 Nov 2025 09:31	AR\AJ	Ok
4	PSTDCCC050	PD090937.D	04 Nov 2025 09:45	AR\AJ	Ok,M
5	Q3515-01	PD090938.D	04 Nov 2025 10:17	AR\AJ	Ok,M
6	Q3516-01	PD090939.D	04 Nov 2025 10:31	AR\AJ	Ok,M
7	Q3519-01	PD090940.D	04 Nov 2025 10:44	AR\AJ	Ok,M
8	Q3519-01MS	PD090941.D	04 Nov 2025 10:58	AR\AJ	Ok,M
9	Q3519-01MSD	PD090942.D	04 Nov 2025 11:12	AR\AJ	Ok,M
10	Q3520-01	PD090943.D	04 Nov 2025 11:25	AR\AJ	Ok,M
11	Q3368-06	PD090944.D	04 Nov 2025 11:39	AR\AJ	Not Ok
12	Q3368-06MS	PD090945.D	04 Nov 2025 11:53	AR\AJ	Not Ok
13	Q3368-06MSD	PD090946.D	04 Nov 2025 12:06	AR\AJ	Not Ok
14	Q3368-07	PD090947.D	04 Nov 2025 12:22	AR\AJ	Not Ok
15	I.BLK	PD090948.D	04 Nov 2025 12:35	AR\AJ	Ok
16	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	AR\AJ	Ok
17	PB170348BSD	PD090950.D	04 Nov 2025 13:52	AR\AJ	Ok
18	PB170371BL	PD090951.D	04 Nov 2025 14:09	AR\AJ	Ok
19	PB170348BS	PD090952.D	04 Nov 2025 14:22	AR\AJ	Ok,M
20	PB170387BS	PD090953.D	04 Nov 2025 15:41	AR\AJ	Ok,M
21	PB170387BL	PD090954.D	04 Nov 2025 16:03	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM		
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PD110425	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170387TB	PD090955.D	04 Nov 2025 16:17	AR\AJ	Ok
23	I.BLK	PD090956.D	04 Nov 2025 16:31	AR\AJ	Ok
24	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM		
SubDirectory	PL102825	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097635.D	28 Oct 2025 14:03	AR\AJ	Ok
2	I.BLK	PL097636.D	28 Oct 2025 14:17	AR\AJ	Ok
3	PEM	PL097637.D	28 Oct 2025 14:30	AR\AJ	Ok,M
4	RESCHK	PL097638.D	28 Oct 2025 14:44	AR\AJ	Ok,M
5	PSTDICC100	PL097639.D	28 Oct 2025 14:57	AR\AJ	Ok
6	PSTDICC075	PL097640.D	28 Oct 2025 15:11	AR\AJ	Ok
7	PSTDICC050	PL097641.D	28 Oct 2025 15:25	AR\AJ	Ok
8	PSTDICC025	PL097642.D	28 Oct 2025 15:38	AR\AJ	Ok,M
9	PSTDICC005	PL097643.D	28 Oct 2025 15:52	AR\AJ	Ok,M
10	PCHLORICC1000	PL097644.D	28 Oct 2025 16:05	AR\AJ	Ok
11	PCHLORICC750	PL097645.D	28 Oct 2025 16:19	AR\AJ	Ok
12	PCHLORICC500	PL097646.D	28 Oct 2025 16:32	AR\AJ	Ok
13	PCHLORICC250	PL097647.D	28 Oct 2025 16:46	AR\AJ	Ok
14	PCHLORICC050	PL097648.D	28 Oct 2025 17:00	AR\AJ	Ok,M
15	PTOXICC1000	PL097649.D	28 Oct 2025 17:13	AR\AJ	Ok
16	PTOXICC750	PL097650.D	28 Oct 2025 17:27	AR\AJ	Ok
17	PTOXICC500	PL097651.D	28 Oct 2025 17:40	AR\AJ	Ok
18	PTOXICC250	PL097652.D	28 Oct 2025 17:54	AR\AJ	Ok
19	PTOXICC100	PL097653.D	28 Oct 2025 18:08	AR\AJ	Ok,M
20	PSTDICV050	PL097654.D	28 Oct 2025 18:21	AR\AJ	Ok
21	PCHLORICV500	PL097655.D	28 Oct 2025 18:35	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM		
SubDirectory	PL102825	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL097656.D	28 Oct 2025 18:48	AR\AJ	Ok
23	I.BLK	PL097657.D	28 Oct 2025 19:02	AR\AJ	Ok
24	PEM	PL097658.D	28 Oct 2025 19:16	AR\AJ	Ok,M
25	PSTDCCC050	PL097659.D	28 Oct 2025 19:29	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM		
SubDirectory	PL103125	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097698.D	31 Oct 2025 09:28	AR\AJ	Ok
2	I.BLK	PL097699.D	31 Oct 2025 09:42	AR\AJ	Ok
3	PEM	PL097700.D	31 Oct 2025 09:56	AR\AJ	Ok,M
4	PSTDCCC050	PL097701.D	31 Oct 2025 11:02	AR\AJ	Ok,M
5	Q3488-02	PL097702.D	31 Oct 2025 12:03	AR\AJ	Not Ok
6	Q3490-01	PL097703.D	31 Oct 2025 12:17	AR\AJ	Ok,M
7	PB170340BL	PL097704.D	31 Oct 2025 13:06	AR\AJ	Ok
8	PB170340BS	PL097705.D	31 Oct 2025 13:19	AR\AJ	Ok
9	Q3495-02	PL097706.D	31 Oct 2025 13:33	AR\AJ	Ok,M
10	Q3495-02MS	PL097707.D	31 Oct 2025 13:47	AR\AJ	Ok,M
11	Q3495-02MSD	PL097708.D	31 Oct 2025 14:00	AR\AJ	Ok,M
12	Q3496-01	PL097709.D	31 Oct 2025 14:14	AR\AJ	Ok,M
13	Q3497-01	PL097710.D	31 Oct 2025 14:27	AR\AJ	Ok,M
14	Q3500-01	PL097711.D	31 Oct 2025 14:41	AR\AJ	Ok,M
15	Q3501-01	PL097712.D	31 Oct 2025 14:55	AR\AJ	Ok,M
16	Q3502-01	PL097713.D	31 Oct 2025 15:08	AR\AJ	Ok,M
17	I.BLK	PL097714.D	31 Oct 2025 15:49	AR\AJ	Ok
18	PSTDCCC050	PL097715.D	31 Oct 2025 16:03	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM		
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM		
SubDirectory	PD101725	HP Acquire Method		HP Processing Method	pd101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-1	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-1	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD103125

Review By	rahul	Review On	11/3/2025 8:19:14 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:55 AM		
SubDirectory	PD103125	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090923.D	31 Oct 2025 09:53		AR\AJ	Ok
2	I.BLK	I.BLK	PD090924.D	31 Oct 2025 10:06		AR\AJ	Ok
3	PEM	PEM	PD090925.D	31 Oct 2025 10:20		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090926.D	31 Oct 2025 11:09		AR\AJ	Ok,M
5	PB170348BL	PB170348BL	PD090927.D	31 Oct 2025 14:37		AR\AJ	Ok
6	PB170348BS	PB170348BS	PD090928.D	31 Oct 2025 14:51	recovery fail	AR\AJ	Not Ok
7	PB170348BSD	PB170348BSD	PD090929.D	31 Oct 2025 15:07	recovery fail	AR\AJ	Not Ok
8	Q3477-03	SOUTH-MAHWAH-WA	PD090930.D	31 Oct 2025 15:21		AR\AJ	Ok,M
9	Q3495-03	TW-1025-1	PD090931.D	31 Oct 2025 15:34		AR\AJ	Ok,M
10	I.BLK	I.BLK	PD090932.D	31 Oct 2025 15:48		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PD090933.D	31 Oct 2025 16:01		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM		
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PD110425	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090934.D	04 Nov 2025 09:04		AR\AJ	Ok
2	I.BLK	I.BLK	PD090935.D	04 Nov 2025 09:17		AR\AJ	Ok
3	PEM	PEM	PD090936.D	04 Nov 2025 09:31		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090937.D	04 Nov 2025 09:45		AR\AJ	Ok,M
5	Q3515-01	SU-04-103125	PD090938.D	04 Nov 2025 10:17		AR\AJ	Ok,M
6	Q3516-01	HD-01-103125	PD090939.D	04 Nov 2025 10:31		AR\AJ	Ok,M
7	Q3519-01	PL-01-103125	PD090940.D	04 Nov 2025 10:44		AR\AJ	Ok,M
8	Q3519-01MS	PL-01-103125MS	PD090941.D	04 Nov 2025 10:58		AR\AJ	Ok,M
9	Q3519-01MSD	PL-01-103125MSD	PD090942.D	04 Nov 2025 11:12		AR\AJ	Ok,M
10	Q3520-01	EO-02-103125	PD090943.D	04 Nov 2025 11:25		AR\AJ	Ok,M
11	Q3368-06	OUTSIDE-DUMPSTER	PD090944.D	04 Nov 2025 11:39	All surrogate fail	AR\AJ	Not Ok
12	Q3368-06MS	OUTSIDE-DUMPSTER	PD090945.D	04 Nov 2025 11:53	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Not Ok
13	Q3368-06MSD	OUTSIDE-DUMPSTER	PD090946.D	04 Nov 2025 12:06	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Not Ok
14	Q3368-07	PRESS-SLUDGE	PD090947.D	04 Nov 2025 12:22	All surrogate fail	AR\AJ	Not Ok
15	I.BLK	I.BLK	PD090948.D	04 Nov 2025 12:35		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	Comp#4 high in 1st column , Comp#22 and DCB low in 2nd column	AR\AJ	Ok
17	PB170348BSD	PB170348BSD	PD090950.D	04 Nov 2025 13:52		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM		
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM		
SubDirectory	PD110425	HP Acquire Method		HP Processing Method	PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB170371BL	PB170371BL	PD090951.D	04 Nov 2025 14:09		AR\AJ	Ok
19	PB170348BS	PB170348BS	PD090952.D	04 Nov 2025 14:22		AR\AJ	Ok,M
20	PB170387BS	PB170387BS	PD090953.D	04 Nov 2025 15:41		AR\AJ	Ok,M
21	PB170387BL	PB170387BL	PD090954.D	04 Nov 2025 16:03		AR\AJ	Ok
22	PB170387TB	PB170387TB	PD090955.D	04 Nov 2025 16:17		AR\AJ	Ok
23	I.BLK	I.BLK	PD090956.D	04 Nov 2025 16:31		AR\AJ	Ok
24	PSTDCCC050	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	Comp#4 high in 1st column	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM		
SubDirectory	PL102825	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097635.D	28 Oct 2025 14:03		AR\AJ	Ok
2	I.BLK	I.BLK	PL097636.D	28 Oct 2025 14:17		AR\AJ	Ok
3	PEM	PEM	PL097637.D	28 Oct 2025 14:30		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL097638.D	28 Oct 2025 14:44		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL097639.D	28 Oct 2025 14:57		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL097640.D	28 Oct 2025 15:11		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL097641.D	28 Oct 2025 15:25		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL097642.D	28 Oct 2025 15:38		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL097643.D	28 Oct 2025 15:52		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL097644.D	28 Oct 2025 16:05		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL097645.D	28 Oct 2025 16:19		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL097646.D	28 Oct 2025 16:32		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL097647.D	28 Oct 2025 16:46		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL097648.D	28 Oct 2025 17:00		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL097649.D	28 Oct 2025 17:13		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL097650.D	28 Oct 2025 17:27		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL097651.D	28 Oct 2025 17:40		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL097652.D	28 Oct 2025 17:54		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM		
SubDirectory	PL102825	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL097653.D	28 Oct 2025 18:08		AR\AJ	Ok,M
20	PSTDICV050	ICVPL102825	PL097654.D	28 Oct 2025 18:21		AR\AJ	Ok
21	PCHLORICV500	ICVPL102825CHLOR	PL097655.D	28 Oct 2025 18:35		AR\AJ	Ok,M
22	PTOXICV500	ICVPL102825TOX	PL097656.D	28 Oct 2025 18:48		AR\AJ	Ok
23	I.BLK	I.BLK	PL097657.D	28 Oct 2025 19:02		AR\AJ	Ok
24	PEM	PEM	PL097658.D	28 Oct 2025 19:16		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL097659.D	28 Oct 2025 19:29		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM		
SubDirectory	PL103125	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097698.D	31 Oct 2025 09:28		AR\AJ	Ok
2	I.BLK	I.BLK	PL097699.D	31 Oct 2025 09:42		AR\AJ	Ok
3	PEM	PEM	PL097700.D	31 Oct 2025 09:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL097701.D	31 Oct 2025 11:02		AR\AJ	Ok,M
5	Q3488-02	MOO-25-0299	PL097702.D	31 Oct 2025 12:03	F Flag in DCB in both column	AR\AJ	Not Ok
6	Q3490-01	LAW-25-0151	PL097703.D	31 Oct 2025 12:17	TCMX low in 1st column	AR\AJ	Ok,M
7	PB170340BL	PB170340BL	PL097704.D	31 Oct 2025 13:06		AR\AJ	Ok
8	PB170340BS	PB170340BS	PL097705.D	31 Oct 2025 13:19		AR\AJ	Ok
9	Q3495-02	SB-1025-2	PL097706.D	31 Oct 2025 13:33		AR\AJ	Ok,M
10	Q3495-02MS	SB-1025-2MS	PL097707.D	31 Oct 2025 13:47		AR\AJ	Ok,M
11	Q3495-02MSD	SB-1025-2MSD	PL097708.D	31 Oct 2025 14:00		AR\AJ	Ok,M
12	Q3496-01	DRILL-CUTTINGS	PL097709.D	31 Oct 2025 14:14		AR\AJ	Ok,M
13	Q3497-01	OK-01-103025	PL097710.D	31 Oct 2025 14:27		AR\AJ	Ok,M
14	Q3500-01	459	PL097711.D	31 Oct 2025 14:41	DCB high in 1st column	AR\AJ	Ok,M
15	Q3501-01	461	PL097712.D	31 Oct 2025 14:55		AR\AJ	Ok,M
16	Q3502-01	CATCH-CAN-USED-OI	PL097713.D	31 Oct 2025 15:08	DCB high in 1st column	AR\AJ	Ok,M
17	I.BLK	I.BLK	PL097714.D	31 Oct 2025 15:49		AR\AJ	Ok
18	PSTDCCC050	PSTDCCC050	PL097715.D	31 Oct 2025 16:03		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM		
SubDirectory	PL103125	HP Acquire Method		HP Processing Method	pl102825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170340

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	08:28
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	11:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3981
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721. Q3500-01,Q3501-01 & Q3502-01 used Limited volume as samples are oil & Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25	RS (Ext lab)	Y.P. Pest/PCB.
11:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170340

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170340BL	PBLK340	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U1-1
PB170340BS	PLCS340	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q3495-02	SB-1025-2	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
Q3495-02MS	SB-1025-2MS	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		4
Q3495-02MSD	SB-1025-2MSD	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
Q3496-01	DRILL-CUTTINGS	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		6
Q3497-01	OK-01-103025	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q3500-01	459	Pesticide-TCL	1.06	N/A	ritesh	Evelyn	10		Oil	
Q3501-01	461	Pesticide-TCL	5.03	N/A	ritesh	Evelyn	10	E	Oily Debris	2
Q3502-01	CATCH-CAN-USED-OIL	Pesticide-TCL	1.05	N/A	ritesh	Evelyn	10		Oil	

RS
10/31

* **Extracts relinguished on the same date as received.**

Q3495 10/31 8:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3495P **WorkList ID :** 192810 **Department :** Extraction **Date :** 10-31-2025 08:23:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-02	SB-1025-2	Solid	Pesticide-TCL	Cool 4 deg C	REMI02	D51	10/27/2025	8081B
Q3496-01	DRILL-CUTTINGS	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3497-01	OK-01-103025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	10/30/2025	8081B
Q3500-01	459	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3501-01	461	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3502-01	CATCH-CAN-USED-OIL	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B

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Date/Time 10/31/25 8:23
Raw Sample Received by: RJ (LEH-Cooler)
Raw Sample Relinquished by: [illegible] (COC)

Date/Time 10/31/25 8:50
Raw Sample Received by: [illegible] (COC)
Raw Sample Relinquished by: RJ (LEH-Cooler)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170348

SOP ID:	M3510C,3580A-Extraction Pesticide-17				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	10/31/2025
Matrix :	Water			**Extraction Start Time :**	09:24
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/31/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:55
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25 14:20	RS (Ext lab)	Y-P-Pest+PCB.
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170348

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170348BL	PBLK348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170348BS	PLCS348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170348BSD	PLCSD348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3477-03	SOUTH-MAHWAH-WATER	Pesticide-TCL	990	6	RUPESH	ritesh	10	S		4
Q3495-03	TW-1025-1	Pesticide-TCL	980	6	RUPESH	ritesh	10	H		5

RS
10/31

* **Extracts relinquished on the same date as received.**

Q3495 Q3477 9-24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3477P **WorkList ID :** 192822 **Department :** Extraction **Date :** 10-31-2025 08:43:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3477-03	SOUTH-MAHWAH-WATER	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/28/2025	8081B
Q3495-03	TW-1025-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D51	10/27/2025	8081B

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Date/Time 10/31/25 9:20
Raw Sample Received by: RS (Ext-lab)
Raw Sample Relinquished by: [illegible]

Date/Time 10/31/25 9:45
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: RS (Ext-lab)

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	
			Pesticide-TCL	8081B		10/31/25	10/31/25	
			EPH_NF	NJEPH		10/31/25	10/31/25	
Q3495-03	**TW-1025-1**	**WATER**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	
			Pesticide-TCL	8081B		10/31/25	10/31/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3495 **Order ID:** Q3495

Client: Remington & Vernick Engineers **Project ID:** Maclearie Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	5.20	U	1	5.20	22.6	ug/kg	10/31/25 13:58	PB170339
11104-28-2	Aroclor-1221	5.40	U	1	5.40	22.6	ug/kg	10/31/25 13:58	PB170339
11141-16-5	Aroclor-1232	4.90	U	1	4.90	22.6	ug/kg	10/31/25 13:58	PB170339
53469-21-9	Aroclor-1242	5.30	U	1	5.30	22.6	ug/kg	10/31/25 13:58	PB170339
12672-29-6	Aroclor-1248	7.90	U	1	7.90	22.6	ug/kg	10/31/25 13:58	PB170339
11097-69-1	Aroclor-1254	4.30	U	1	4.30	22.6	ug/kg	10/31/25 13:58	PB170339
37324-23-5	Aroclor-1262	6.70	U	1	6.70	22.6	ug/kg	10/31/25 13:58	PB170339
11100-14-4	Aroclor-1268	4.80	U	1	4.80	22.6	ug/kg	10/31/25 13:58	PB170339
11096-82-5	Aroclor-1260	4.30	U	1	4.30	22.6	ug/kg	10/31/25 13:58	PB170339
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.2			32 - 144	141%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			32 - 175	112%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.099	U	1	0.099	0.51	ug/L	10/31/25 18:47	PB170347
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.51	ug/L	10/31/25 18:47	PB170347
11141-16-5	Aroclor-1232	0.098	U	1	0.098	0.51	ug/L	10/31/25 18:47	PB170347
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.51	ug/L	10/31/25 18:47	PB170347
12672-29-6	Aroclor-1248	0.072	U	1	0.072	0.51	ug/L	10/31/25 18:47	PB170347
11097-69-1	Aroclor-1254	0.096	U	1	0.096	0.51	ug/L	10/31/25 18:47	PB170347
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.51	ug/L	10/31/25 18:47	PB170347
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.51	ug/L	10/31/25 18:47	PB170347
11096-82-5	Aroclor-1260	0.083	U	1	0.083	0.51	ug/L	10/31/25 18:47	PB170347
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.2			30 - 173	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.3			10 - 173	106%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO114312.D	PIBLK-PO114312.D	Tetrachloro-m-xyl	1	20	18.6	93		60	140
		Decachlorobiphen	1	20	19.2	96		60	140
		Tetrachloro-m-xyl	2	20	18.9	94		60	140
		Decachlorobiphen	2	20	19.0	95		60	140
I.BLK-PO114802.D	PIBLK-PO114802.D	Tetrachloro-m-xyl	1	20	18.5	92		60	140
		Decachlorobiphen	1	20	17.9	90		60	140
		Tetrachloro-m-xyl	2	20	16.4	82		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
PB170339BL	PB170339BL	Tetrachloro-m-xyl	1	20	27.3	136		32	144
		Decachlorobiphen	1	20	26.8	134		32	175
		Tetrachloro-m-xyl	2	20	24.8	124		32	144
		Decachlorobiphen	2	20	26.2	131		32	175
PB170339BS	PB170339BS	Tetrachloro-m-xyl	1	20	27.4	137		32	144
		Decachlorobiphen	1	20	26.7	134		32	175
		Tetrachloro-m-xyl	2	20	23.1	115		32	144
		Decachlorobiphen	2	20	26.3	132		32	175
Q3495-02	SB-1025-2	Tetrachloro-m-xyl	1	20	28.2	141		32	144
		Decachlorobiphen	1	20	21.7	109		32	175
		Tetrachloro-m-xyl	2	20	25.5	128		32	144
		Decachlorobiphen	2	20	22.3	112		32	175
Q3495-02MS	SB-1025-2MS	Tetrachloro-m-xyl	1	20	21.6	108		32	144
		Decachlorobiphen	1	20	15.3	76		32	175
		Tetrachloro-m-xyl	2	20	18.4	92		32	144
		Decachlorobiphen	2	20	16.4	82		32	175
Q3495-02MSD	SB-1025-2MSD	Tetrachloro-m-xyl	1	20	21.7	109		32	144
		Decachlorobiphen	1	20	15.8	79		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	16.9	84		32	175
I.BLK-PO114817.D	PIBLK-PO114817.D	Tetrachloro-m-xyl	1	20	17.5	87		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	16.0	80		60	140
		Decachlorobiphen	2	20	18.8	94		60	140
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP076260.D	PIBLK-PP076260.D	Tetrachloro-m-xyl	1	20	22.0	110		60	140
		Decachlorobiphen	1	20	21.4	107		60	140
		Tetrachloro-m-xyl	2	20	19.2	96		60	140
		Decachlorobiphen	2	20	17.9	90		60	140
PB170347BL	PB170347BL	Tetrachloro-m-xyl	1	20	32.5	162		30	173

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Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB170347BL	PB170347BL	Decachlorobiphen	1	20	31.3	157		10	173
		Tetrachloro-m-xyl	2	20	29.0	145		30	173
		Decachlorobiphen	2	20	26.5	133		10	173
PB170347BS	PB170347BS	Tetrachloro-m-xyl	1	20	32.9	165		30	173
		Decachlorobiphen	1	20	30.7	153		10	173
		Tetrachloro-m-xyl	2	20	29.5	147		30	173
		Decachlorobiphen	2	20	26.0	130		10	173
PB170347BSD	PB170347BSD	Tetrachloro-m-xyl	1	20	31.0	155		30	173
		Decachlorobiphen	1	20	29.8	149		10	173
		Tetrachloro-m-xyl	2	20	29.4	147		30	173
		Decachlorobiphen	2	20	25.0	125		10	173
Q3495-03	TW-1025-1	Tetrachloro-m-xyl	1	20	27.2	136		30	173
		Decachlorobiphen	1	20	21.3	106		10	173
		Tetrachloro-m-xyl	2	20	21.0	105		30	173
		Decachlorobiphen	2	20	18.1	91		10	173
I.BLK-PP076275.D	PIBLK-PP076275.D	Tetrachloro-m-xyl	1	20	21.6	108		60	140
		Decachlorobiphen	1	20	21.0	105		60	140
		Tetrachloro-m-xyl	2	20	19.3	97		60	140
		Decachlorobiphen	2	20	17.5	87		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **DataFile :** PO114810.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3495-02MS (Column 1)**	**Client Sample ID:**		**SB-1025-2MS**								
	AR1016	221.3	0	227	ug/kg	103				55	146	
	AR1260	221.3	0	195	ug/kg	88				54	119	
Lab Sample ID:	**Q3495-02MS (Column 2)**	**Client Sample ID:**		**SB-1025-2MS**								
	AR1016	221.3	0	201	ug/kg	91				55	146	
	AR1260	221.3	0	204	ug/kg	92				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **DataFile :** PO114811.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3495-02MSD (Column 1)**	**Client Sample ID:**		**SB-1025-2MSD**								
	AR1016	221.3	0	229	ug/kg	103		0		55	146	15
	AR1260	221.3	0	194	ug/kg	88		0		54	119	15
Lab Sample ID:	**Q3495-02MSD (Column 2)**	**Client Sample ID:**		**SB-1025-2MSD**								
	AR1016	221.3	0	202	ug/kg	91		0		55	146	15
	AR1260	221.3	0	205	ug/kg	93		1		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PO114808.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170339BS (Column 1)	AR1016	166.6	183	ug/kg	110				71	120	
	AR1260	166.6	163	ug/kg	98				65	130	
PB170339BS (Column 2)	AR1016	166.6	157	ug/kg	94				71	120	
	AR1260	166.6	170	ug/kg	102				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PP076262.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170347BS (Column 1)	AR1016	5	5.00	ug/L	100				77	107	
	AR1260	5	5.00	ug/L	100				66	113	
PB170347BS (Column 2)	AR1016	5	4.50	ug/L	90				77	107	
	AR1260	5	4.90	ug/L	98				66	113	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495 **Analytical Method:** 8082A

Client: Remington & Vernick Engineers **Datafile :** PP076263.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170347BSD (Column 1)	AR1016	5	4.90	ug/L	98	2			77	107	20
	AR1260	5	4.90	ug/L	98	2			66	113	20
PB170347BSD (Column 2)	AR1016	5	4.30	ug/L	86	5			77	107	20
	AR1260	5	5.00	ug/L	100	2			66	113	20

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170339BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab Sample ID: PB170339BL | Lab File ID: PO114807.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025 | Date Analyzed (2): 10/31/2025

Time Analyzed (1): 13:22 | Time Analyzed (2): 13:22

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170339BS	PB170339BS	PO114808.D	10/31/2025	10/31/2025
SB-1025-2	Q3495-02	PO114809.D	10/31/2025	10/31/2025
SB-1025-2MS	Q3495-02MS	PO114810.D	10/31/2025	10/31/2025
SB-1025-2MSD	Q3495-02MSD	PO114811.D	10/31/2025	10/31/2025

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170347BL

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab Sample ID: PB170347BL | Lab File ID: PP076261.D

Matrix: (soil/water) WATER | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025 | Date Analyzed (2): 10/31/2025

Time Analyzed (1): 17:26 | Time Analyzed (2): 17:26

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170347BS	PB170347BS	PP076262.D	10/31/2025	10/31/2025
PB170347BSD	PB170347BSD	PP076263.D	10/31/2025	10/31/2025
TW-1025-1	Q3495-03	PP076266.D	10/31/2025	10/31/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170339BL	SDG No.:	Q3495
Lab Sample ID:	PB170339BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	10/31/25 13:22	PB170339
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/31/25 13:22	PB170339
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/31/25 13:22	PB170339
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/31/25 13:22	PB170339
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/31/25 13:22	PB170339
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/31/25 13:22	PB170339
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/31/25 13:22	PB170339
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/31/25 13:22	PB170339
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	10/31/25 13:22	PB170339
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.3			32 - 144	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.8			32 - 175	134%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170347BL	SDG No.:	Q3495
Lab Sample ID:	PB170347BL	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/31/25 17:26	PB170347
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25 17:26	PB170347
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25 17:26	PB170347
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25 17:26	PB170347
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25 17:26	PB170347
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25 17:26	PB170347
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25 17:26	PB170347
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25 17:26	PB170347
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/31/25 17:26	PB170347
SURROGATES									
877-09-8	Tetrachloro-m-xylene	32.5			30 - 173	162%	SPK: 20		
2051-24-3	Decachlorobiphenyl	31.3			10 - 173	157%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/09/25
Project:	Maclearie Park	Date Received:	10/09/25
Client Sample ID:	PIBLK-PO114312.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PO114312.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/09/25	po100925
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/09/25	po100925
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/09/25	po100925
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/09/25	po100925
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/09/25	po100925
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/09/25	po100925
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/09/25	po100925
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/09/25	po100925
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/09/25	po100925
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			60 - 140	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			60 - 140	95%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PO114802.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PO114802.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/31/25	PO103125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25	PO103125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25	PO103125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25	PO103125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25	PO103125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25	PO103125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/31/25	PO103125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25	PO103125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25	PO103125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.4			60 - 140	82%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.9			60 - 140	90%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PO114817.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PO114817.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/31/25	po103125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25	po103125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25	po103125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25	po103125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25	po103125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25	po103125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/31/25	po103125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25	po103125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25	po103125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.0			60 - 140	80%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.6			60 - 140	88%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/21/25
Project:	Maclearie Park	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140	96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PP076260.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PP076260.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/31/25	pp103125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25	pp103125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25	pp103125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25	pp103125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25	pp103125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25	pp103125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/31/25	pp103125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25	pp103125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25	pp103125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.2			60 - 140	96%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.9			60 - 140	90%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/31/25
Project:	Maclearie Park	Date Received:	10/31/25
Client Sample ID:	PIBLK-PP076275.D	SDG No.:	Q3495
Lab Sample ID:	I.BLK-PP076275.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/31/25	pp103125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25	pp103125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25	pp103125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25	pp103125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25	pp103125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25	pp103125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/31/25	pp103125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25	pp103125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25	pp103125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.3			60 - 140	97%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			60 - 140	87%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170339BS	SDG No.:	Q3495
Lab Sample ID:	PB170339BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	183		1	3.90	17.0	ug/kg	10/31/25 13:40	PB170339
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/31/25 13:40	PB170339
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/31/25 13:40	PB170339
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/31/25 13:40	PB170339
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/31/25 13:40	PB170339
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/31/25 13:40	PB170339
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/31/25 13:40	PB170339
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/31/25 13:40	PB170339
11096-82-5	Aroclor-1260	170		1	3.20	17.0	ug/kg	10/31/25 13:40	PB170339
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.4			32 - 144	137%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.7			32 - 175	134%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170347BS	SDG No.:	Q3495
Lab Sample ID:	PB170347BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	5.00		1	0.097	0.50	ug/L	10/31/25 17:42	PB170347
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25 17:42	PB170347
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25 17:42	PB170347
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25 17:42	PB170347
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25 17:42	PB170347
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25 17:42	PB170347
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25 17:42	PB170347
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25 17:42	PB170347
11096-82-5	Aroclor-1260	5.00		1	0.081	0.50	ug/L	10/31/25 17:42	PB170347
SURROGATES									
877-09-8	Tetrachloro-m-xylene	32.9			30 - 173	165%	SPK: 20		
2051-24-3	Decachlorobiphenyl	30.7			10 - 173	153%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Maclearie Park	Date Received:	
Client Sample ID:	PB170347BSD	SDG No.:	Q3495
Lab Sample ID:	PB170347BSD	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test: PCB
Prep Method:	3510C	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.90		1	0.097	0.50	ug/L	10/31/25 17:58	PB170347
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/31/25 17:58	PB170347
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/31/25 17:58	PB170347
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/31/25 17:58	PB170347
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/31/25 17:58	PB170347
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/31/25 17:58	PB170347
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/31/25 17:58	PB170347
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/31/25 17:58	PB170347
11096-82-5	Aroclor-1260	5.00		1	0.081	0.50	ug/L	10/31/25 17:58	PB170347
SURROGATES									
877-09-8	Tetrachloro-m-xylene	31.0			30 - 173	155%	SPK: 20		
2051-24-3	Decachlorobiphenyl	29.8			10 - 173	149%	SPK: 20		

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.1
Sample Wt/Vol:	30.09 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	227		1	5.20	22.6	ug/kg	10/31/25 14:17	PB170339
11104-28-2	Aroclor-1221	5.40	U	1	5.40	22.6	ug/kg	10/31/25 14:17	PB170339
11141-16-5	Aroclor-1232	4.90	U	1	4.90	22.6	ug/kg	10/31/25 14:17	PB170339
53469-21-9	Aroclor-1242	5.30	U	1	5.30	22.6	ug/kg	10/31/25 14:17	PB170339
12672-29-6	Aroclor-1248	7.90	U	1	7.90	22.6	ug/kg	10/31/25 14:17	PB170339
11097-69-1	Aroclor-1254	4.30	U	1	4.30	22.6	ug/kg	10/31/25 14:17	PB170339
37324-23-5	Aroclor-1262	6.70	U	1	6.70	22.6	ug/kg	10/31/25 14:17	PB170339
11100-14-4	Aroclor-1268	4.80	U	1	4.80	22.6	ug/kg	10/31/25 14:17	PB170339
11096-82-5	Aroclor-1260	204		1	4.30	22.6	ug/kg	10/31/25 14:17	PB170339
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.6			32 - 144	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			32 - 175	82%	SPK: 20		

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD	SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.1
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date: 10/31/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	229		1	5.20	22.6	ug/kg	10/31/25 14:35	PB170339
11104-28-2	Aroclor-1221	5.40	U	1	5.40	22.6	ug/kg	10/31/25 14:35	PB170339
11141-16-5	Aroclor-1232	4.90	U	1	4.90	22.6	ug/kg	10/31/25 14:35	PB170339
53469-21-9	Aroclor-1242	5.30	U	1	5.30	22.6	ug/kg	10/31/25 14:35	PB170339
12672-29-6	Aroclor-1248	7.90	U	1	7.90	22.6	ug/kg	10/31/25 14:35	PB170339
11097-69-1	Aroclor-1254	4.30	U	1	4.30	22.6	ug/kg	10/31/25 14:35	PB170339
37324-23-5	Aroclor-1262	6.70	U	1	6.70	22.6	ug/kg	10/31/25 14:35	PB170339
11100-14-4	Aroclor-1268	4.80	U	1	4.80	22.6	ug/kg	10/31/25 14:35	PB170339
11096-82-5	Aroclor-1260	205		1	4.30	22.6	ug/kg	10/31/25 14:35	PB170339
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.7			32 - 144	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.9			32 - 175	84%	SPK: 20		

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CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D

RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1016-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1016-3	(3)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1016-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-5	(5)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1260-1	(1)	7.08	7.08	7.08	7.08	7.07	7.08	6.98	7.18
Aroclor-1260-2	(2)	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Aroclor-1260-3	(3)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1260-4	(4)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1260-5	(5)	8.21	8.21	8.21	8.21	8.21	8.21	8.11	8.31
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
Aroclor-1242-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1242-2	(2)	5.51	5.51	5.52	5.51	5.51	5.51	5.41	5.61
Aroclor-1242-3	(3)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Aroclor-1242-4	(4)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-5	(5)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
Aroclor-1248-1	(1)	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
Aroclor-1248-2	(2)	5.76	5.76	5.76	5.76	5.76	5.76	5.66	5.86
Aroclor-1248-3	(3)	5.96	5.96	5.96	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-4	(4)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1248-5	(5)	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
Aroclor-1254-1	(1)	6.34	6.34	6.33	6.34	6.34	6.34	6.24	6.44
Aroclor-1254-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1254-3	(3)	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Aroclor-1254-4	(4)	7.19	7.19	7.19	7.19	7.19	7.19	7.09	7.29
Aroclor-1254-5	(5)	7.61	7.61	7.61	7.61	7.61	7.61	7.51	7.71
Decachlorobiphenyl		9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene		4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
Aroclor-1268-1	(1)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61
Aroclor-1268-2	(2)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-3	(3)	8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Aroclor-1268-4	(4)	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Aroclor-1268-5	(5)	9.61	9.61	9.61	9.61	9.61	9.61	9.51	9.71

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03
Tetrachloro-m-xylene	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D

RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1016-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-4	(4)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1260-2	(2)	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-3	(3)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.28	7.28	7.28	7.28	7.28	7.28	7.18	7.38
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.09	6.09	6.09	6.09	6.09	6.09	5.99	6.19
Aroclor-1254-4	(4)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1254-5	(5)	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Decachlorobiphenyl		8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene		3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Aroclor-1268-1	(1)	7.56	7.56	7.56	7.56	7.56	7.56	7.46	7.66
Aroclor-1268-2	(2)	7.63	7.63	7.63	7.63	7.63	7.63	7.53	7.73
Aroclor-1268-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1268-4	(4)	8.12	8.12	8.12	8.12	8.12	8.12	8.02	8.22
Aroclor-1268-5	(5)	8.41	8.41	8.41	8.41	8.41	8.41	8.31	8.51

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_O **Calibration Date(s):** 10/09/2025 10/09/2025

Calibration Times: 14:14 22:29

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PO114313.D **CF 750 =** PO114314.D

CF 500 = PO114315.D **CF 250 =** PO114316.D **CF 050 =** PO114317.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	174192886	179895124	183856868	183322864	180520760	180357700	2
Aroclor-1016-2	(2)	293939915	305561101	305220730	315140900	301624180	304297365	3
Aroclor-1016-3	(3)	165633600	172668037	174260432	182505220	189193940	176852246	5
Aroclor-1016-4	(4)	134425999	138097755	140122574	142368188	132758060	137554515	3
Aroclor-1016-5	(5)	123446822	127769624	128908938	130194584	121008000	126265594	3
Aroclor-1260-1	(1)	213791672	221280347	222839010	218586200	213158120	217931070	2
Aroclor-1260-2	(2)	302622462	312056085	309594538	307167896	311081240	308504444	1
Aroclor-1260-3	(3)	259467311	268042008	265717042	260457100	228668800	256470452	6
Aroclor-1260-4	(4)	230199629	235131995	233767838	232769056	232729060	232919516	1
Aroclor-1260-5	(5)	586428065	605840996	593634282	581137220	533761820	580160477	5
Decachlorobiphenyl		3664039320	3792684880	3728036680	3664938040	3355866400	3641113064	5
Tetrachloro-m-xylene		5506498360	5677498373	5642459220	5552412920	4766000200	5428973815	7
Aroclor-1242-1	(1)	126706434	132179268	135020258	135246300	128666340	131563720	3
Aroclor-1242-2	(2)	212392946	219812959	222351800	226444372	216757700	219551955	2
Aroclor-1242-3	(3)	119144042	124121997	125717214	131545340	116119900	123329699	5
Aroclor-1242-4	(4)	99737299	101870191	102531118	105496736	103337180	102594505	2
Aroclor-1242-5	(5)	103047071	106230547	111781010	123521904	134589100	115833926	11
Decachlorobiphenyl		3803036960	3909619067	3861003240	3833959680	3524921000	3786507989	4
Tetrachloro-m-xylene		5804343740	5928892613	5893981820	5915994040	5454317000	5799505843	3
Aroclor-1248-1	(1)	98567829	102136305	106179528	101725532	83182260	98358291	9
Aroclor-1248-2	(2)	137892609	142528752	146526406	145313792	145562060	143564724	2
Aroclor-1248-3	(3)	151681692	159333787	163420432	159028692	160593320	158811585	3
Aroclor-1248-4	(4)	182190012	190636973	195926736	195051484	215146120	195790265	6
Aroclor-1248-5	(5)	174543681	183607891	190759426	202813192	249246460	200194130	15
Decachlorobiphenyl		3816291730	3937073800	3957474960	3763925080	3735520600	3842057234	3
Tetrachloro-m-xylene		5779379270	6044791093	6117390360	5832290520	5648377200	5884445689	3
Aroclor-1254-1	(1)	171902953	180224452	182326136	179059532	158754700	174453555	6
Aroclor-1254-2	(2)	248603985	257164111	266428592	263066468	238270000	254706631	4
Aroclor-1254-3	(3)	278966197	288101712	293337044	293741552	290556100	288940521	2
Aroclor-1254-4	(4)	232417367	241793461	248310406	242500032	218210100	236646273	5
Aroclor-1254-5	(5)	221022379	230048296	231810568	224607672	189890120	219475807	8
Decachlorobiphenyl		3792373920	3896541893	3936938560	3860958960	3451332800	3787629227	5
Tetrachloro-m-xylene		5822824890	5988302693	6053484060	5960886280	5298842000	5824867985	5
Aroclor-1268-1	(1)	742630944	763047828	755049378	744463164	658875500	732813363	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	632443459	650139448	640918178	630546628	553465960	621502735	6
Aroclor-1268-3	(3)	576556870	593571136	586459800	580217260	523967180	572154449	5
Aroclor-1268-4	(4)	239235256	248654241	247759484	273329844	226227580	247041281	7
Aroclor-1268-5	(5)	1713485078	1761561424	1737860666	1722182616	1634161480	1713850253	3
Decachlorobiphenyl		7124253780	7355062013	7282856320	7142144040	6358111400	7052485511	6
Tetrachloro-m-xylene		6131677880	6338649440	6321767300	6220727560	5845855000	6171735436	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/09/2025 10/09/2025
Calibration Times: 14:14 22:29

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PO114313.D CF 750 = PO114314.D
CF 500 = PO114315.D CF 250 = PO114316.D CF 050 = PO114317.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	158257841	168187716	172362186	178585052	164529320	168384423	5
Aroclor-1016-2	(2)	229568804	240612359	245734900	252904664	241358100	242035765	4
Aroclor-1016-3	(3)	119655603	124240307	128221016	131086968	117564320	124153643	5
Aroclor-1016-4	(4)	92316708	96506141	100242646	102698056	90863720	96525454	5
Aroclor-1016-5	(5)	119349433	124629577	128669076	134240076	132389300	127855492	5
Aroclor-1260-1	(1)	215558470	231498535	235626690	245673392	249059400	235483297	6
Aroclor-1260-2	(2)	315603721	330098711	337167224	350489224	338584660	334388708	4
Aroclor-1260-3	(3)	256430713	268520155	278444642	296438324	374872640	294941295	16
Aroclor-1260-4	(4)	211317075	223266731	226148960	232910768	220902880	222909283	4
Aroclor-1260-5	(5)	594775480	624015233	623481606	632255524	590282220	612962013	3
Decachlorobiphenyl		3170001190	3348740240	3399801360	3490868680	3256491400	3333180574	4
Tetrachloro-m-xylene		3928229090	4070663293	4096822280	4116538520	3799017800	4002254197	3
Aroclor-1242-1	(1)	122498620	129064381	131010080	137236660	133254420	130612832	4
Aroclor-1242-2	(2)	175860987	183257420	186752992	191657052	196407220	186787134	4
Aroclor-1242-3	(3)	92492282	96111452	98072652	99600996	92244160	95704308	3
Aroclor-1242-4	(4)	86300671	89905741	92299888	94852936	98359060	92343659	5
Aroclor-1242-5	(5)	113144641	119163080	122745918	127985400	129764100	122560628	6
Decachlorobiphenyl		3517109590	3681723480	3757541820	3835681800	3777005200	3713812378	3
Tetrachloro-m-xylene		4432077070	4412224160	4379772960	4471865640	4248743200	4388936606	2
Aroclor-1248-1	(1)	94570009	99404269	103594360	101758388	93150140	98495433	5
Aroclor-1248-2	(2)	125502158	133300196	137663402	137604864	136198920	134053908	4
Aroclor-1248-3	(3)	130740348	139010419	143306254	142181184	142470360	139541713	4
Aroclor-1248-4	(4)	154697640	163551519	169016486	167510084	167044800	164364106	4
Aroclor-1248-5	(5)	159814127	168355577	173516216	171305900	174900140	169578392	4
Decachlorobiphenyl		3661201490	3833278560	3951800380	3911090520	3937109200	3858896030	3
Tetrachloro-m-xylene		4430508460	4634013587	4677547100	4537709360	4261034200	4508162541	4
Aroclor-1254-1	(1)	247222467	259048601	270361008	279309448	272529160	265694137	5
Aroclor-1254-2	(2)	219192417	228941475	239248508	249551080	254226320	238231960	6
Aroclor-1254-3	(3)	340127494	353950264	366242670	368614488	343101920	354407367	4
Aroclor-1254-4	(4)	246402938	256874435	266498340	267498992	253508600	258156661	3
Aroclor-1254-5	(5)	309302184	322642697	332806976	330987116	305278780	320203551	4
Decachlorobiphenyl		3673134130	3816212200	3925129200	3949127480	3714385800	3815597762	3
Tetrachloro-m-xylene		4426752370	4520704027	4624441060	4560126680	4117729800	4449950787	4
Aroclor-1268-1	(1)	790806319	820672996	823414120	829776224	826084500	818150832	2

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	668389064	693704507	696355354	697040636	678270940	686752100	2
Aroclor-1268-3	(3)	577681654	598471028	600065844	598539168	577278220	590407183	2
Aroclor-1268-4	(4)	233329938	243075305	244332122	245097676	230283080	239223624	3
Aroclor-1268-5	(5)	1599907631	1653346000	1653968404	1645996908	1596574960	1629958781	2
Decachlorobiphenyl		6770675710	7072875573	7158178740	7244610400	7053861200	7060040325	3
Tetrachloro-m-xylene		4643395640	4793601640	4792629120	4749683120	4526037200	4701069344	2

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.56	4.46	4.66	65029800
		2	4.64	4.54	4.74	45851400
		3	4.71	4.61	4.81	150477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	122061000
		2	5.23	5.13	5.33	54066000
		3	5.52	5.42	5.62	121355000
		4	5.67	5.57	5.77	54031600
		5	5.76	5.66	5.86	37348800
Aroclor-1262	500	1	7.69	7.59	7.79	365212000
		2	8.21	8.11	8.31	604682000
		3	8.52	8.42	8.62	365448000
		4	8.60	8.50	8.70	263614000
		5	9.22	9.12	9.32	214854000

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.87	3.77	3.97	54832000
		2	3.96	3.86	4.06	40465400
		3	4.03	3.93	4.13	128449000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	104652000
		2	4.76	4.66	4.86	102880000
		3	4.94	4.84	5.04	51237200
		4	5.02	4.92	5.12	43634600
		5	5.19	5.09	5.29	48052000
Aroclor-1262	500	1	6.78	6.68	6.88	425654000
		2	7.28	7.18	7.38	673478000
		3	7.56	7.46	7.66	276888000
		4	7.63	7.53	7.73	456530000
		5	8.12	8.02	8.22	210780000

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: REMI02
SDG NO.: Q3495
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 09:45 **Initial Calibration Time(s):** 14:14 22:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.50	5.49	5.39	5.59	-0.01
Aroclor-1016-2	(2)	5.52	5.51	5.41	5.61	-0.01
Aroclor-1016-3	(3)	5.58	5.58	5.48	5.68	0.00
Aroclor-1016-4	(4)	5.68	5.67	5.57	5.77	-0.01
Aroclor-1016-5	(5)	5.97	5.96	5.86	6.06	-0.01
Aroclor-1260-1	(1)	7.08	7.08	6.98	7.18	0.00
Aroclor-1260-2	(2)	7.34	7.33	7.23	7.43	-0.01
Aroclor-1260-3	(3)	7.70	7.69	7.59	7.79	-0.01
Aroclor-1260-4	(4)	7.92	7.91	7.81	8.01	-0.01
Aroclor-1260-5	(5)	8.22	8.21	8.11	8.31	-0.01
Tetrachloro-m-xylene		4.36	4.36	4.26	4.46	0.00
Decachlorobiphenyl		9.95	9.93	9.83	10.03	-0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 09:45 **Initial Calibration Time(s):** 14:14 22:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-4	(4)	7.03	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.27	7.28	7.18	7.38	0.01
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114798.D **Time Analyzed:** 09:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.498	5.392	5.592	549.210	500.000	9.8
Aroclor-1016-2	5.519	5.414	5.614	512.000	500.000	2.4
Aroclor-1016-3	5.581	5.476	5.676	518.270	500.000	3.7
Aroclor-1016-4	5.677	5.571	5.771	544.470	500.000	8.9
Aroclor-1016-5	5.968	5.863	6.063	545.780	500.000	9.2
Aroclor-1260-1	7.084	6.975	7.175	533.290	500.000	6.7
Aroclor-1260-2	7.337	7.229	7.429	537.580	500.000	7.5
Aroclor-1260-3	7.695	7.585	7.785	482.040	500.000	-3.6
Aroclor-1260-4	7.917	7.807	8.007	513.500	500.000	2.7
Aroclor-1260-5	8.224	8.113	8.313	496.810	500.000	-0.6
Decachlorobiphenyl	9.954	9.834	10.034	49.130	50.000	-1.7
Tetrachloro-m-xylene	4.358	4.255	4.455	52.190	50.000	4.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114798.D **Time Analyzed:** 09:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.734	4.643	4.843	449.460	500.000	-10.1
Aroclor-1016-2	4.753	4.662	4.862	449.990	500.000	-10.0
Aroclor-1016-3	4.928	4.836	5.036	472.290	500.000	-5.5
Aroclor-1016-4	4.970	4.879	5.079	481.220	500.000	-3.8
Aroclor-1016-5	5.183	5.092	5.292	477.330	500.000	-4.5
Aroclor-1260-1	6.215	6.125	6.325	501.650	500.000	0.3
Aroclor-1260-2	6.403	6.313	6.513	514.710	500.000	2.9
Aroclor-1260-3	6.556	6.466	6.666	481.740	500.000	-3.7
Aroclor-1260-4	7.027	6.939	7.139	548.660	500.000	9.7
Aroclor-1260-5	7.268	7.179	7.379	543.930	500.000	8.8
Decachlorobiphenyl	8.655	8.571	8.771	49.810	50.000	-0.4
Tetrachloro-m-xylene	3.654	3.560	3.760	44.200	50.000	-11.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 14:14 22:29

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.58	5.48	5.68	0.01
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.08	7.08	6.98	7.18	0.01
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.69	7.69	7.59	7.79	0.00
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.22	8.21	8.11	8.31	-0.01
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.94	9.93	9.83	10.03	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/09/2025 10/09/2025

Continuing Calib Time: 15:59 **Initial Calibration Time(s):** 14:14 22:29

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.23	6.13	6.33	0.02
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.55	6.57	6.47	6.67	0.02
Aroclor-1260-4	(4)	7.02	7.04	6.94	7.14	0.02
Aroclor-1260-5	(5)	7.26	7.28	7.18	7.38	0.02
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114813.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.490	5.392	5.592	548.810	500.000	9.8
Aroclor-1016-2	5.512	5.414	5.614	517.150	500.000	3.4
Aroclor-1016-3	5.574	5.476	5.676	521.040	500.000	4.2
Aroclor-1016-4	5.669	5.571	5.771	550.960	500.000	10.2
Aroclor-1016-5	5.961	5.863	6.063	557.470	500.000	11.5
Aroclor-1260-1	7.075	6.975	7.175	536.020	500.000	7.2
Aroclor-1260-2	7.329	7.229	7.429	529.070	500.000	5.8
Aroclor-1260-3	7.687	7.585	7.785	473.980	500.000	-5.2
Aroclor-1260-4	7.908	7.807	8.007	513.080	500.000	2.6
Aroclor-1260-5	8.215	8.113	8.313	485.160	500.000	-3.0
Decachlorobiphenyl	9.938	9.834	10.034	48.450	50.000	-3.1
Tetrachloro-m-xylene	4.351	4.255	4.455	52.720	50.000	5.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO114813.D **Time Analyzed:** 15:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.731	4.643	4.843	436.480	500.000	-12.7
Aroclor-1016-2	4.751	4.662	4.862	465.100	500.000	-7.0
Aroclor-1016-3	4.926	4.836	5.036	483.540	500.000	-3.3
Aroclor-1016-4	4.968	4.879	5.079	492.740	500.000	-1.5
Aroclor-1016-5	5.180	5.092	5.292	493.280	500.000	-1.3
Aroclor-1260-1	6.212	6.125	6.325	516.380	500.000	3.3
Aroclor-1260-2	6.399	6.313	6.513	525.280	500.000	5.1
Aroclor-1260-3	6.552	6.466	6.666	496.340	500.000	-0.7
Aroclor-1260-4	7.023	6.939	7.139	575.900	500.000	15.2
Aroclor-1260-5	7.263	7.179	7.379	552.550	500.000	10.5
Decachlorobiphenyl	8.649	8.571	8.771	50.390	50.000	0.8
Tetrachloro-m-xylene	3.653	3.560	3.760	45.610	50.000	-8.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 16:04 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 16:04 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076256.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.799	5.695	5.895	549.220	500.000	9.8
Aroclor-1016-2	5.820	5.717	5.917	531.540	500.000	6.3
Aroclor-1016-3	5.883	5.780	5.980	536.190	500.000	7.2
Aroclor-1016-4	5.980	5.877	6.077	544.310	500.000	8.9
Aroclor-1016-5	6.272	6.169	6.369	534.530	500.000	6.9
Aroclor-1260-1	7.391	7.287	7.487	567.910	500.000	13.6
Aroclor-1260-2	7.644	7.540	7.740	539.900	500.000	8.0
Aroclor-1260-3	8.002	7.899	8.099	557.630	500.000	11.5
Aroclor-1260-4	8.230	8.127	8.327	589.830	500.000	18.0
Aroclor-1260-5	8.556	8.452	8.652	540.380	500.000	8.1
Decachlorobiphenyl	10.426	10.319	10.519	51.770	50.000	3.5
Tetrachloro-m-xylene	4.646	4.542	4.742	54.410	50.000	8.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076256.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.876	4.778	4.978	532.760	500.000	6.6
Aroclor-1016-2	4.934	4.836	5.036	531.330	500.000	6.3
Aroclor-1016-3	5.054	4.954	5.154	503.330	500.000	0.7
Aroclor-1016-4	5.096	4.996	5.196	550.210	500.000	10.0
Aroclor-1016-5	5.310	5.210	5.410	499.130	500.000	-0.2
Aroclor-1260-1	6.337	6.238	6.438	542.710	500.000	8.5
Aroclor-1260-2	6.523	6.425	6.625	546.460	500.000	9.3
Aroclor-1260-3	6.678	6.578	6.778	557.640	500.000	11.5
Aroclor-1260-4	7.144	7.047	7.247	552.050	500.000	10.4
Aroclor-1260-5	7.387	7.287	7.487	561.460	500.000	12.3
Decachlorobiphenyl	8.781	8.682	8.882	45.840	50.000	-8.3
Tetrachloro-m-xylene	3.782	3.681	3.881	56.140	50.000	12.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 20:57 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.42	10.42	10.32	10.52	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

Continuing Calib Date: 10/31/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 20:57 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076271.D **Time Analyzed:** 20:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.798	5.695	5.895	525.900	500.000	5.2
Aroclor-1016-2	5.819	5.717	5.917	526.230	500.000	5.2
Aroclor-1016-3	5.881	5.780	5.980	523.540	500.000	4.7
Aroclor-1016-4	5.979	5.877	6.077	529.160	500.000	5.8
Aroclor-1016-5	6.271	6.169	6.369	517.380	500.000	3.5
Aroclor-1260-1	7.390	7.287	7.487	557.240	500.000	11.4
Aroclor-1260-2	7.643	7.540	7.740	529.160	500.000	5.8
Aroclor-1260-3	8.001	7.899	8.099	545.500	500.000	9.1
Aroclor-1260-4	8.229	8.127	8.327	577.430	500.000	15.5
Aroclor-1260-5	8.555	8.452	8.652	526.510	500.000	5.3
Decachlorobiphenyl	10.423	10.319	10.519	50.300	50.000	0.6
Tetrachloro-m-xylene	4.645	4.542	4.742	53.750	50.000	7.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **SDG NO.:** Q3495

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/31/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076271.D **Time Analyzed:** 20:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.876	4.778	4.978	532.360	500.000	6.5
Aroclor-1016-2	4.933	4.836	5.036	519.120	500.000	3.8
Aroclor-1016-3	5.054	4.954	5.154	468.650	500.000	-6.3
Aroclor-1016-4	5.093	4.996	5.196	569.830	500.000	14.0
Aroclor-1016-5	5.308	5.210	5.410	488.380	500.000	-2.3
Aroclor-1260-1	6.336	6.238	6.438	525.820	500.000	5.2
Aroclor-1260-2	6.522	6.425	6.625	535.740	500.000	7.1
Aroclor-1260-3	6.675	6.578	6.778	554.600	500.000	10.9
Aroclor-1260-4	7.144	7.047	7.247	597.580	500.000	19.5
Aroclor-1260-5	7.385	7.287	7.487	554.130	500.000	10.8
Decachlorobiphenyl	8.779	8.682	8.882	44.880	50.000	-10.2
Tetrachloro-m-xylene	3.781	3.681	3.881	55.450	50.000	10.9

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/09/2025 10/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/09/2025	13:55	PO114312.D	9.93	4.36
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	9.93	4.36
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	9.93	4.36
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	9.93	4.36
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	9.93	4.36
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	9.93	4.36
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	9.93	4.36
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	9.93	4.36
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	9.93	4.36
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	9.93	4.36
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	9.93	4.36
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	9.93	4.36
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	9.93	4.36
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	9.93	4.36
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	9.93	4.36
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	9.93	4.36
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	9.93	4.36
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	9.93	4.36
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	9.93	4.36
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	9.93	4.36
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	9.93	4.36
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	9.93	4.36
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	9.93	4.36
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	9.93	4.36
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	9.93	4.36
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	9.93	4.36
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	9.93	4.36
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	9.93	4.36
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	9.93	4.36
AR1660CCC500	AR1660CCC500	10/31/2025	09:45	PO114798.D	9.95	4.36
I.BLK	I.BLK	10/31/2025	10:56	PO114802.D	9.94	4.35
PB170339BL	PB170339BL	10/31/2025	13:22	PO114807.D	9.95	4.35
PB170339BS	PB170339BS	10/31/2025	13:40	PO114808.D	9.94	4.35
SB-1025-2	Q3495-02	10/31/2025	13:58	PO114809.D	9.94	4.35
SB-1025-2MS	Q3495-02MS	10/31/2025	14:17	PO114810.D	9.94	4.35
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:35	PO114811.D	9.94	4.35
AR1660CCC500	AR1660CCC500	10/31/2025	15:59	PO114813.D	9.94	4.35
I.BLK	I.BLK	10/31/2025	17:10	PO114817.D	9.94	4.35
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64

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Analytical Sequence

AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/31/2025	16:04	PP076256.D	10.43	4.65
I.BLK	I.BLK	10/31/2025	17:09	PP076260.D	10.42	4.64
PB170347BL	PB170347BL	10/31/2025	17:26	PP076261.D	10.42	4.64
PB170347BS	PB170347BS	10/31/2025	17:42	PP076262.D	10.42	4.65
PB170347BSD	PB170347BSD	10/31/2025	17:58	PP076263.D	10.42	4.64
TW-1025-1	Q3495-03	10/31/2025	18:47	PP076266.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/31/2025	20:57	PP076271.D	10.42	4.65
I.BLK	I.BLK	10/31/2025	22:34	PP076275.D	10.42	4.65

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Analytical Sequence

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/09/2025 10/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/09/2025	13:55	PO114312.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	8.67	3.66
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	8.67	3.66
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	8.67	3.66
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	8.67	3.66
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	8.67	3.66
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	8.67	3.66
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	8.67	3.66
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	8.67	3.66
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	8.67	3.66
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	8.67	3.66
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	8.67	3.66
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	8.67	3.66
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	8.67	3.66
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	8.67	3.66
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	8.67	3.66
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	8.67	3.66
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	8.67	3.66
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	8.67	3.66
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	8.67	3.66
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	8.67	3.66
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	8.67	3.66
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	8.67	3.66
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	8.67	3.66
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/31/2025	09:45	PO114798.D	8.66	3.65
I.BLK	I.BLK	10/31/2025	10:56	PO114802.D	8.65	3.65
PB170339BL	PB170339BL	10/31/2025	13:22	PO114807.D	8.65	3.65
PB170339BS	PB170339BS	10/31/2025	13:40	PO114808.D	8.65	3.65
SB-1025-2	Q3495-02	10/31/2025	13:58	PO114809.D	8.65	3.65
SB-1025-2MS	Q3495-02MS	10/31/2025	14:17	PO114810.D	8.65	3.65
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:35	PO114811.D	8.65	3.65
AR1660CCC500	AR1660CCC500	10/31/2025	15:59	PO114813.D	8.65	3.65
I.BLK	I.BLK	10/31/2025	17:10	PO114817.D	8.65	3.65
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78

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Analytical Sequence

AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/31/2025	16:04	PP076256.D	8.78	3.78
I.BLK	I.BLK	10/31/2025	17:09	PP076260.D	8.78	3.78
PB170347BL	PB170347BL	10/31/2025	17:26	PP076261.D	8.78	3.78
PB170347BS	PB170347BS	10/31/2025	17:42	PP076262.D	8.78	3.78
PB170347BSD	PB170347BSD	10/31/2025	17:58	PP076263.D	8.78	3.78
TW-1025-1	Q3495-03	10/31/2025	18:47	PP076266.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/31/2025	20:57	PP076271.D	8.78	3.78
I.BLK	I.BLK	10/31/2025	22:34	PP076275.D	8.78	3.78

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170339BS

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab Sample ID: PB170339BS Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO114808.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.489	5.439	5.539	187		
	2	5.511	5.461	5.561	177		
	3	5.572	5.522	5.622	179		
COLUMN 1	4	5.669	5.619	5.719	187		
	5	5.96	5.91	6.01	185	183	
	1	4.73	4.68	4.78	156		
	2	4.75	4.7	4.8	155		
	3	4.925	4.875	4.975	157		
	4	4.967	4.917	5.017	156		
COLUMN 2	5	5.179	5.129	5.229	159	157	15.29
Aroclor-1260	1	7.075	7.025	7.125	184		
	2	7.329	7.279	7.379	188		
	3	7.687	7.637	7.737	137		
COLUMN 1	4	7.908	7.858	7.958	159		
	5	8.216	8.166	8.266	148	163	
	1	6.21	6.16	6.26	175		
	2	6.398	6.348	6.448	181		
	3	6.55	6.5	6.6	167		
	4	7.022	6.972	7.072	165		
COLUMN 2	5	7.263	7.213	7.313	161	170	4.2

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Lab Sample ID: Q3495-02MS Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO114810.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.493	5.443	5.543	234		
	2	5.514	5.464	5.564	222		
	3	5.576	5.526	5.626	222		
COLUMN 1	4	5.672	5.622	5.722	235		
	5	5.963	5.913	6.013	224	227	
	1	4.732	4.682	4.782	196		
	2	4.751	4.701	4.801	198		
	3	4.926	4.876	4.976	206		
	4	4.968	4.918	5.018	204		
COLUMN 2	5	5.18	5.13	5.23	202	201	12.15
Aroclor-1260	1	7.077	7.027	7.127	228		
	2	7.331	7.281	7.381	218		
	3	7.689	7.639	7.739	161		
COLUMN 1	4	7.911	7.861	7.961	193		
	5	8.218	8.168	8.268	173	195	
	1	6.212	6.162	6.262	213		
	2	6.4	6.35	6.45	215		
	3	6.552	6.502	6.602	201		
	4	7.024	6.974	7.074	199		
COLUMN 2	5	7.265	7.215	7.315	192	204	4.51

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance | Contract: REMI02

Lab Code: ACE | SDG NO.: Q3495

Lab Sample ID: Q3495-02MSD | Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) | GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO114811.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.492	5.442	5.542	237		
	2	5.514	5.464	5.564	222		
	3	5.576	5.526	5.626	221		
COLUMN 1	4	5.671	5.621	5.721	235		
	5	5.964	5.914	6.014	228	229	
	1	4.732	4.682	4.782	199		
	2	4.752	4.702	4.802	199		
	3	4.926	4.876	4.976	205		
	4	4.968	4.918	5.018	202		
COLUMN 2	5	5.181	5.131	5.231	202	202	12.53
Aroclor-1260	1	7.078	7.028	7.128	229		
	2	7.332	7.282	7.382	217		
	3	7.69	7.64	7.74	161		
COLUMN 1	4	7.912	7.862	7.962	192		
	5	8.218	8.168	8.268	174	194	
	1	6.212	6.162	6.262	215		
	2	6.4	6.35	6.45	215		
	3	6.553	6.503	6.603	202		
	4	7.024	6.974	7.074	200		
COLUMN 2	5	7.265	7.215	7.315	193	205	5.51

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB170347BS

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab Sample ID: PB170347BS
Date(s) Analyzed: 10/31/2025 10/31/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP076262.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.798	5.748	5.848	4.95		
	2	5.82	5.77	5.87	5.15		
	3	5.882	5.832	5.932	5.02		
COLUMN 1	4	5.979	5.929	6.029	5.06		
	5	6.272	6.222	6.322	4.83	5.00	
	1	4.877	4.827	4.927	4.62		
	2	4.934	4.884	4.984	4.64		
	3	5.055	5.005	5.105	4.21		
	4	5.095	5.045	5.145	4.64		
COLUMN 2	5	5.307	5.257	5.357	4.39	4.50	10.53
Aroclor-1260	1	7.39	7.34	7.44	5.49		
	2	7.643	7.593	7.693	5.21		
	3	8.002	7.952	8.052	4.52		
COLUMN 1	4	8.229	8.179	8.279	5.12		
	5	8.556	8.506	8.606	4.52	5.00	
	1	6.337	6.287	6.387	4.84		
	2	6.524	6.474	6.574	5.10		
	3	6.677	6.627	6.727	5.18		
	4	7.146	7.096	7.196	4.95		
COLUMN 2	5	7.386	7.336	7.436	4.62	4.90	2.02

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB170347BSD

Lab Name: Alliance
Contract: REMI02
Lab Code: ACE
SDG NO.: Q3495
Lab Sample ID: PB170347BSD
Date(s) Analyzed: 10/31/2025 10/31/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP076263.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.796	5.746	5.846	4.91		
	2	5.817	5.767	5.867	4.95		
	3	5.88	5.83	5.93	4.85		
COLUMN 1	4	5.978	5.928	6.028	4.90		
	5	6.27	6.22	6.32	4.66	4.90	
	1	4.875	4.825	4.925	4.52		
	2	4.932	4.882	4.982	4.26		
	3	5.051	5.001	5.101	4.28		
	4	5.092	5.042	5.142	4.54		
COLUMN 2	5	5.307	5.257	5.357	4.06	4.30	13.04
Aroclor-1260	1	7.388	7.338	7.438	5.35		
	2	7.641	7.591	7.691	5.11		
	3	8	7.95	8.05	4.44		
COLUMN 1	4	8.226	8.176	8.276	5.08		
	5	8.554	8.504	8.604	4.44	4.90	
	1	6.334	6.284	6.384	5.05		
	2	6.522	6.472	6.572	4.93		
	3	6.674	6.624	6.724	5.16		
	4	7.144	7.094	7.194	5.09		
COLUMN 2	5	7.383	7.333	7.433	4.57	5.00	2.02

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:58
Operator : YP/AJ
Sample : Q3495-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-1025-2

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.352	3.653	152.9E6	102.1E6	28.156	25.508
2)	SA Decachlor...	9.943	8.649	79154518	74336680	21.739	22.302m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

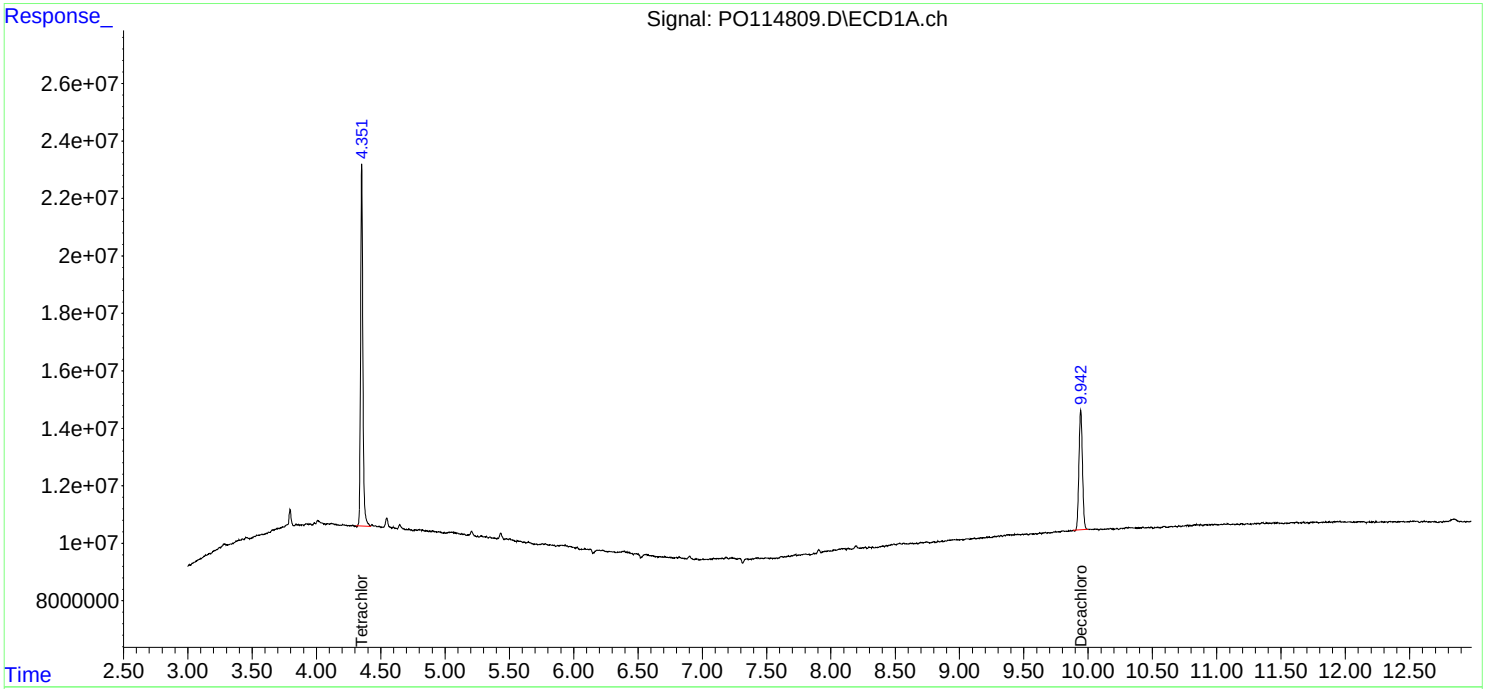
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:58
Operator : YP/AJ
Sample : Q3495-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

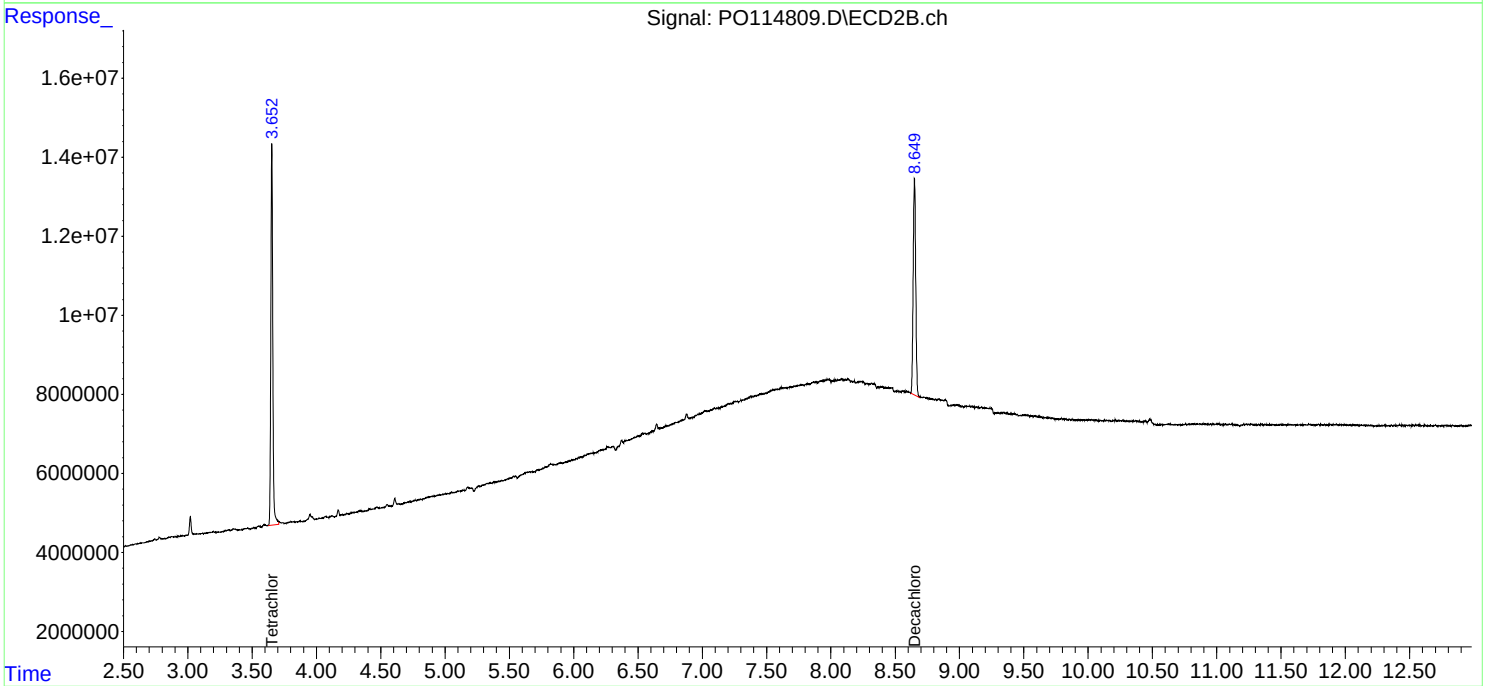
Instrument :
ECD_O
ClientSampleId :
SB-1025-2

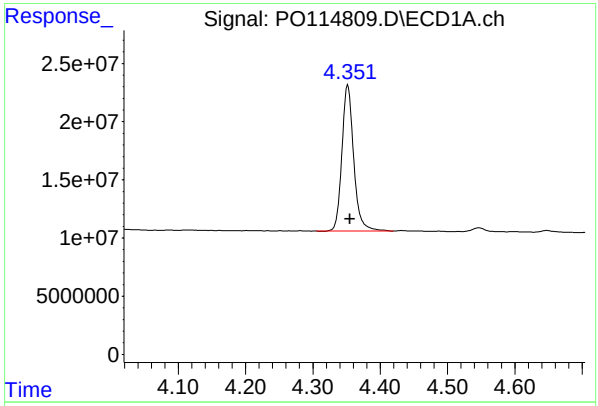
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







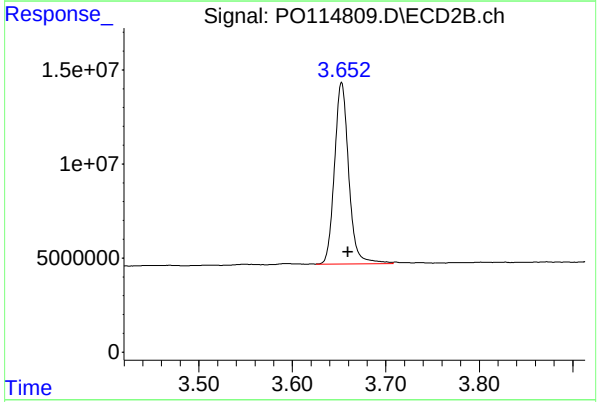
#1 Tetrachloro-m-xylene

R.T.: 4.352 min
Delta R.T.: -0.003 min
Response: 152856790
Conc: 28.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-1025-2

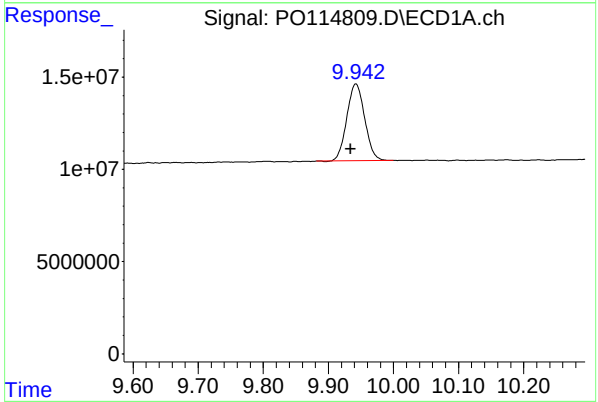
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



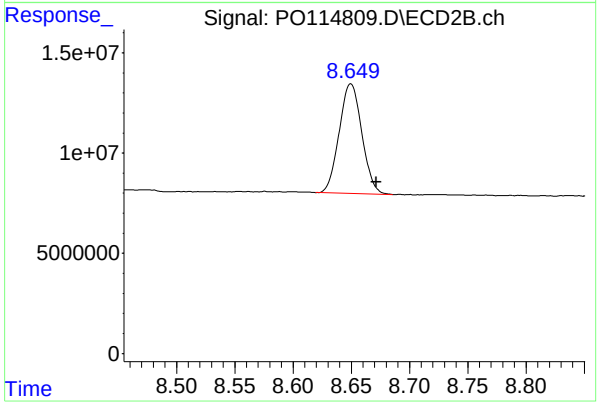
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.007 min
Response: 102091263
Conc: 25.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.008 min
Response: 79154518
Conc: 21.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.022 min
Response: 74336680
Conc: 22.30 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 18:47
Operator : YP\AJ
Sample : Q3495-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
TW-1025-1

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.779	38903110	138.7E6	27.222	20.956m
2)	SA Decachlor...	10.424	8.779	22923367	149.2E6	21.294	18.139
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

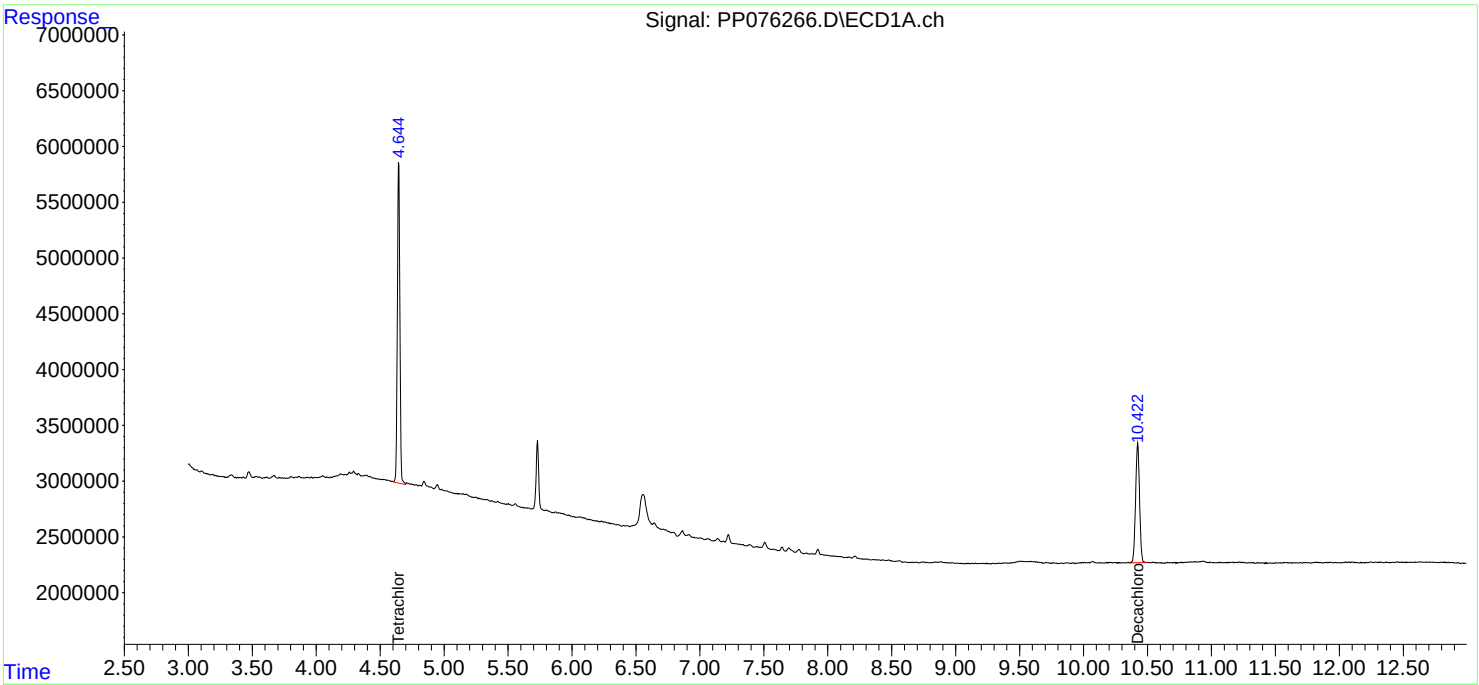
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 18:47
Operator : YP\AJ
Sample : Q3495-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

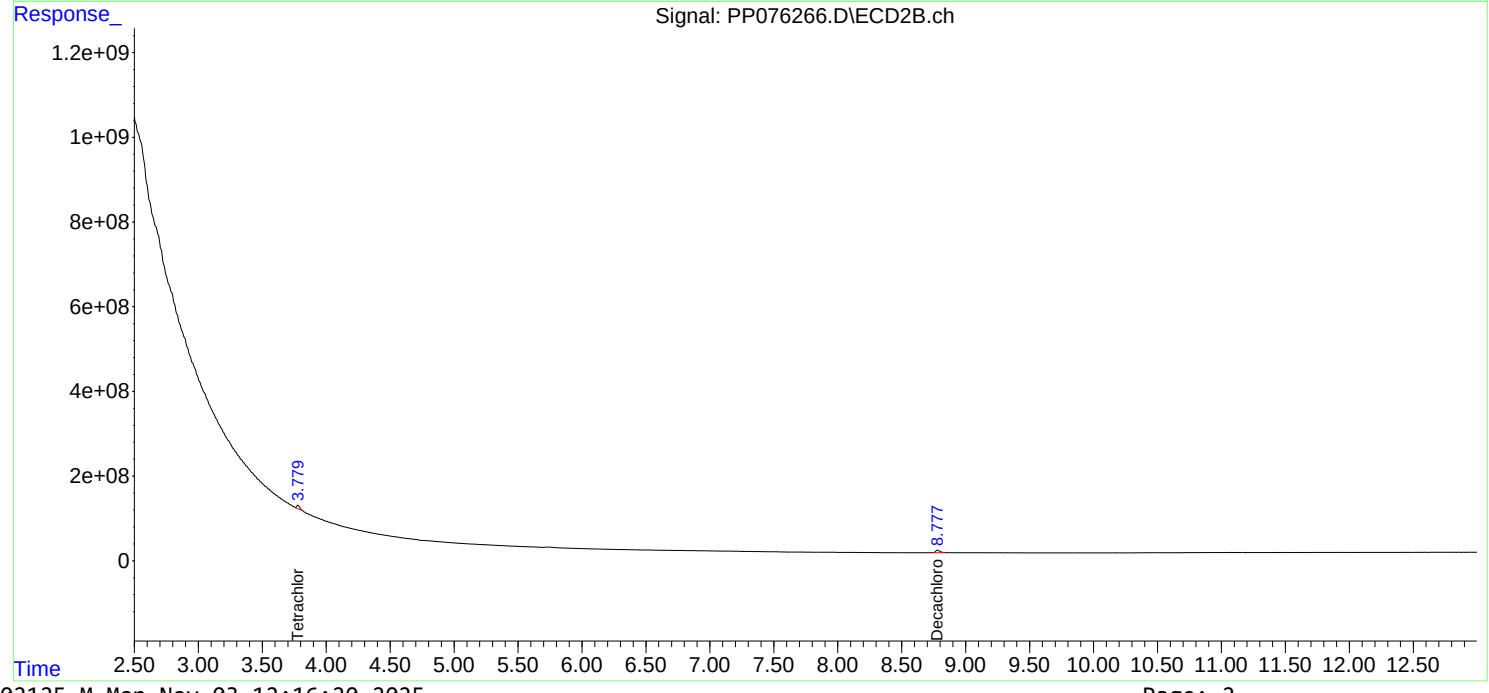
Instrument :
ECD_P
ClientSampleId :
TW-1025-1

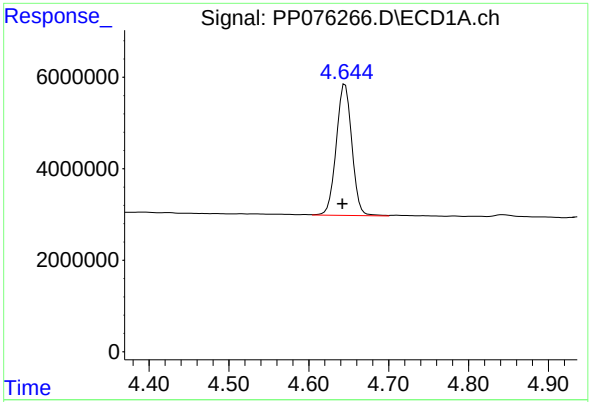
Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







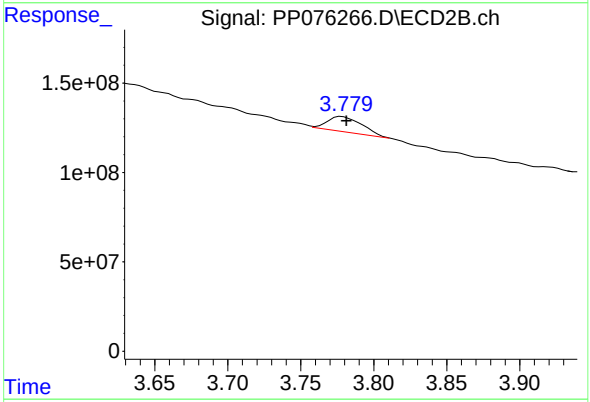
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.003 min
Response: 38903110
Conc: 27.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
TW-1025-1

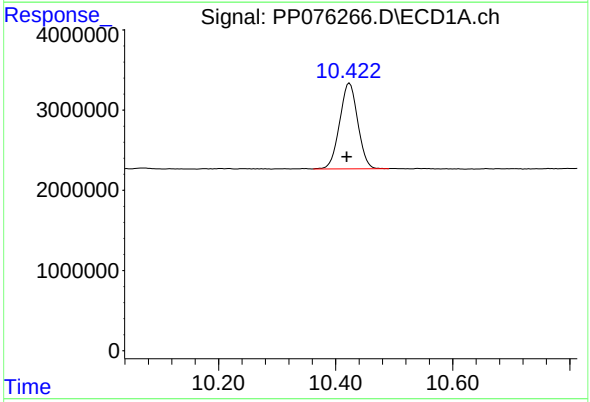
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



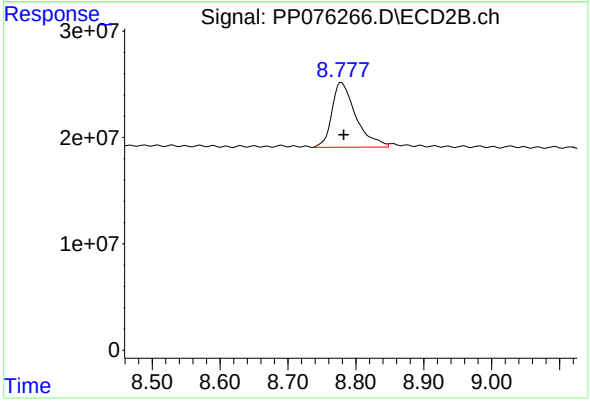
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 138695975
Conc: 20.96 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.005 min
Response: 22923367
Conc: 21.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 149157009
Conc: 18.14 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:22
Operator : YP/AJ
Sample : PB170339BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170339BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:21:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.353	3.653	148.1E6	99422517	27.284	24.842
2)	SA Decachlor...	9.946	8.650	97612142	87217761	26.808	26.167
	Target Compounds						

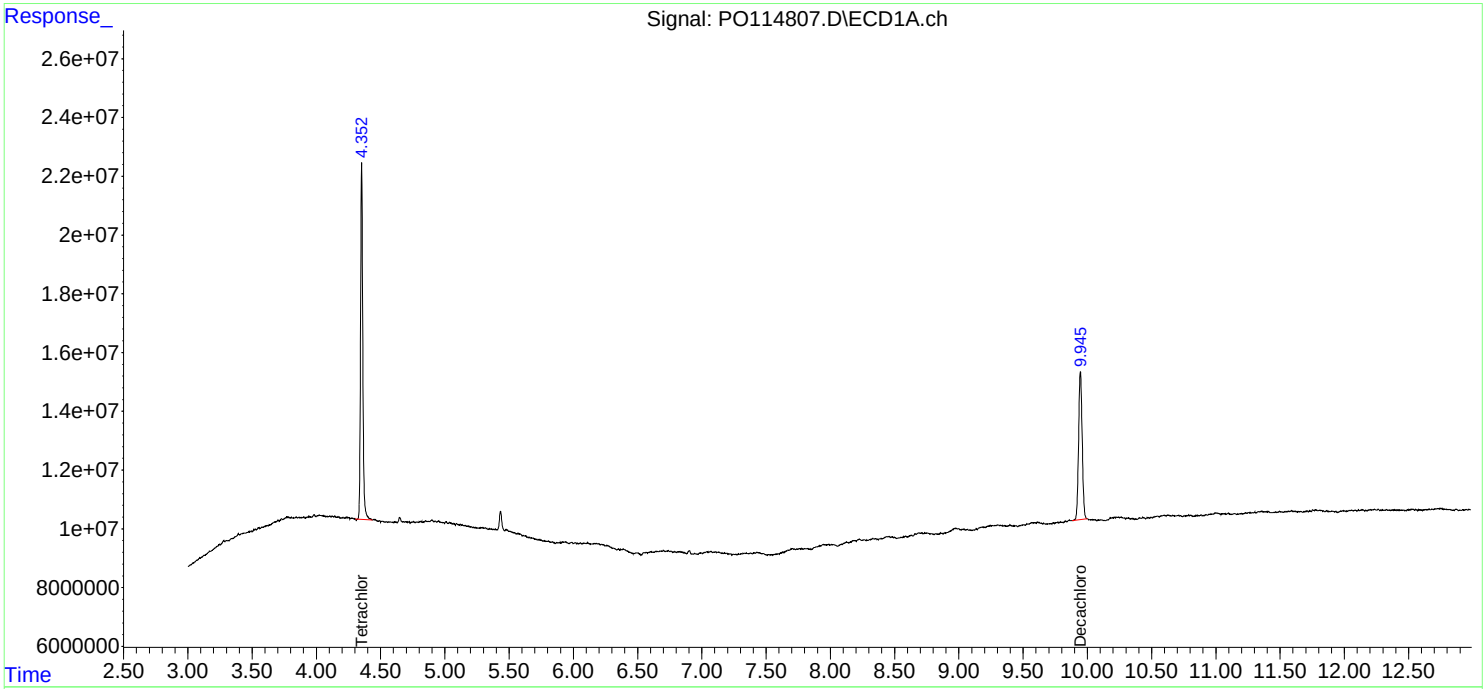
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

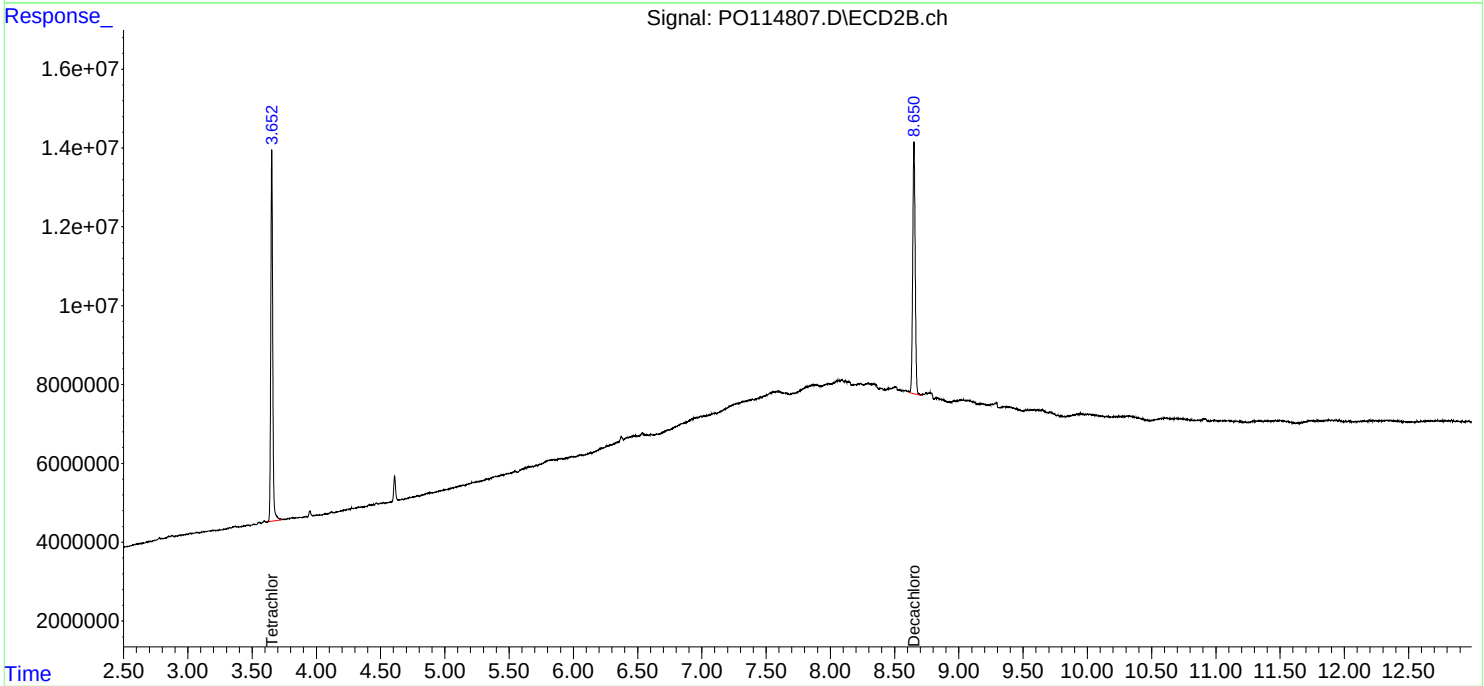
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:22
Operator : YP/AJ
Sample : PB170339BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

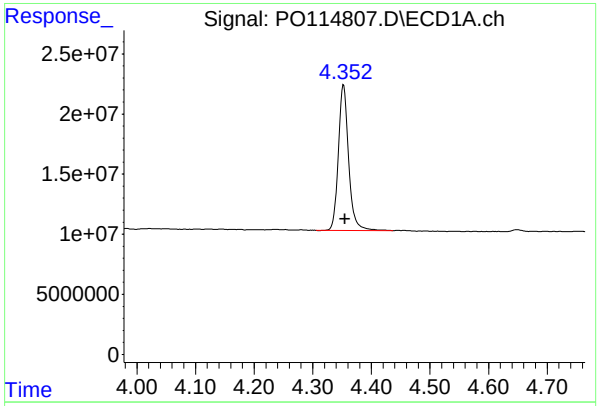
Instrument :
ECD_O
ClientSampleId :
PB170339BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:21:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



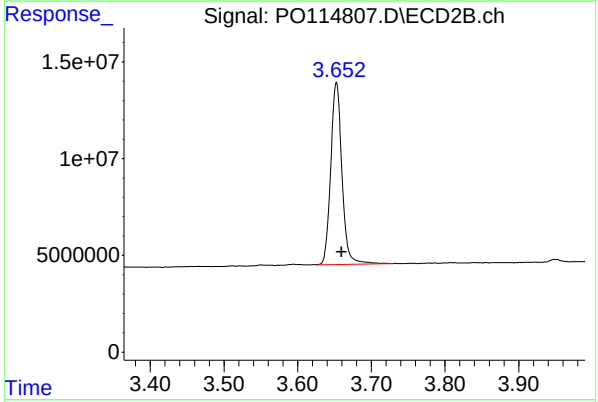




#1 Tetrachloro-m-xylene

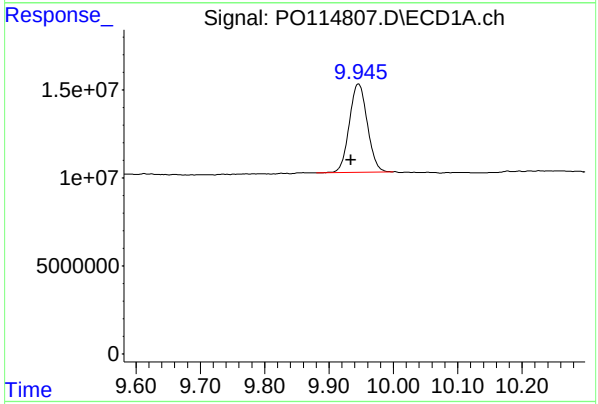
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 148126414
Conc: 27.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB170339BL



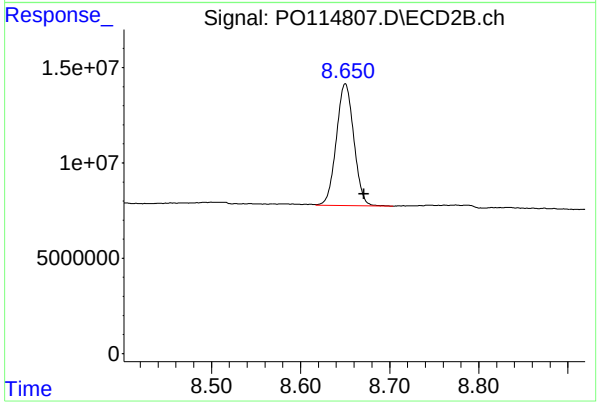
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.007 min
Response: 99422517
Conc: 24.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.946 min
Delta R.T.: 0.012 min
Response: 97612142
Conc: 26.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.021 min
Response: 87217761
Conc: 26.17 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:26
Operator : YP\AJ
Sample : PB170347BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170347BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.780	46388591	191.8E6	32.460	28.977
2)	SA Decachlor...	10.424	8.781	33712765	217.9E6	31.316	26.497
	Target Compounds						

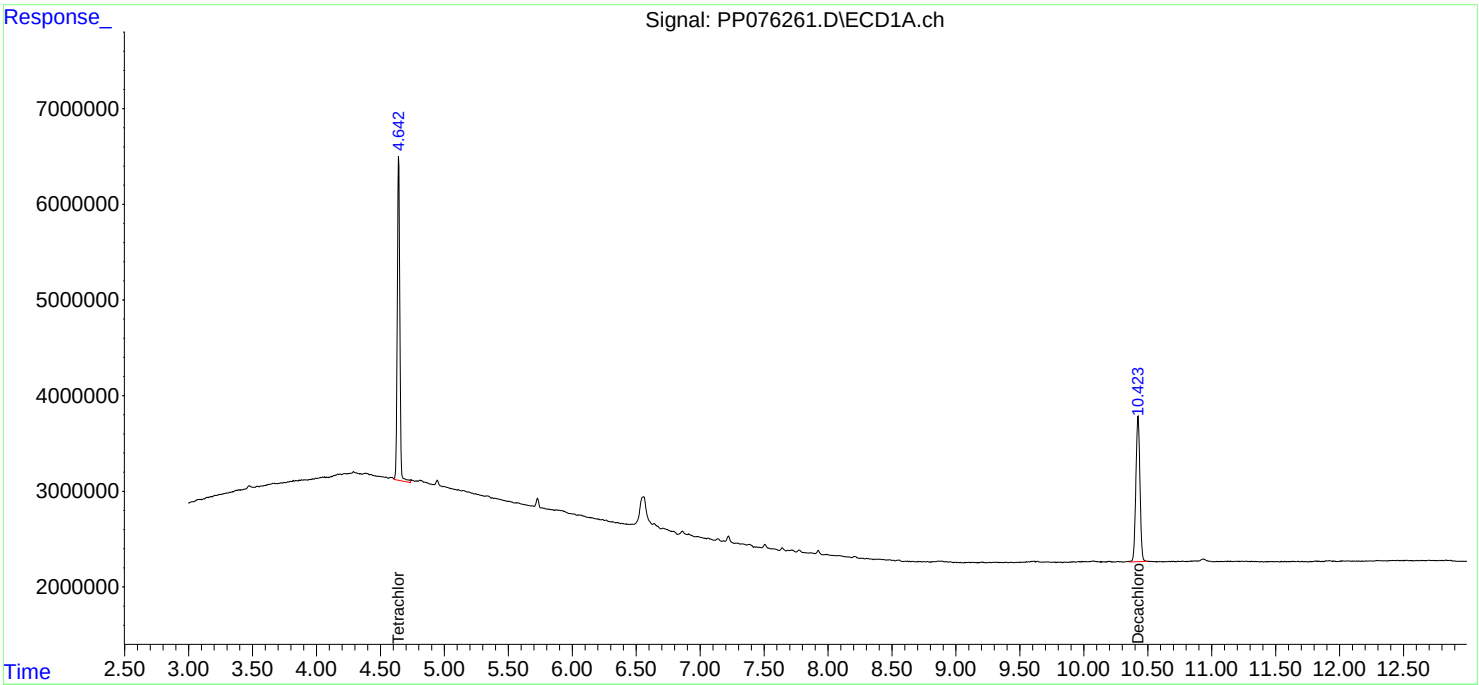
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

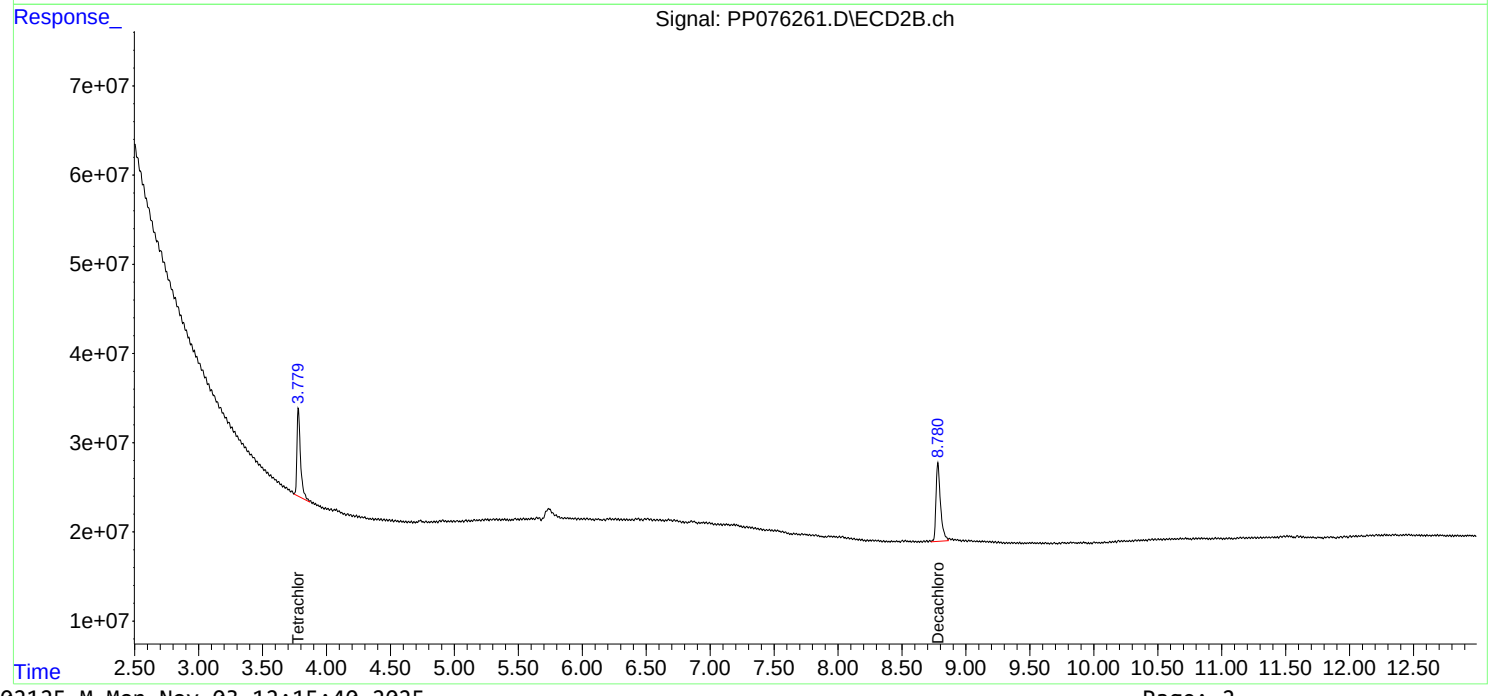
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:26
Operator : YP\AJ
Sample : PB170347BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

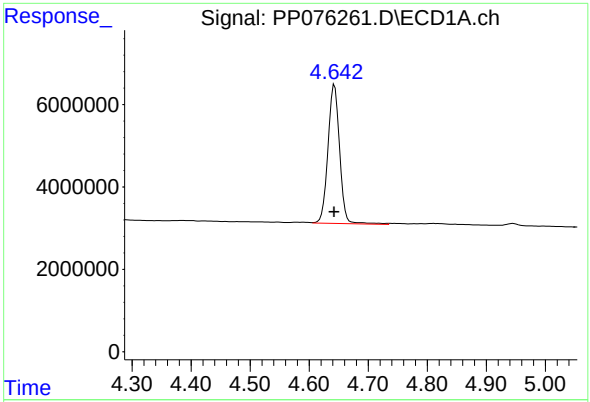
Instrument :
ECD_P
ClientSampleId :
PB170347BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



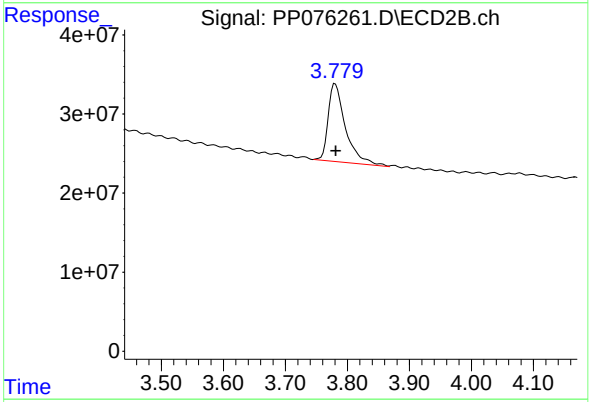




#1 Tetrachloro-m-xylene

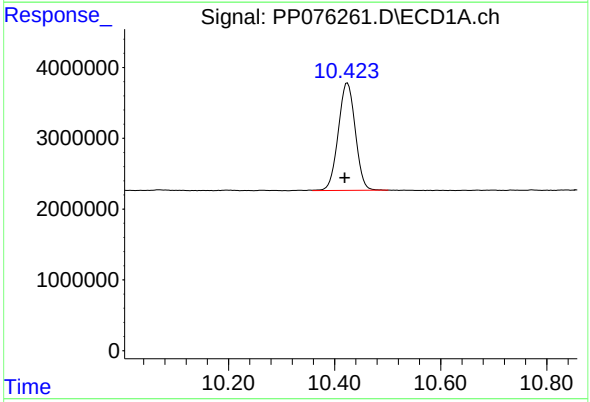
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 46388591
Conc: 32.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170347BL



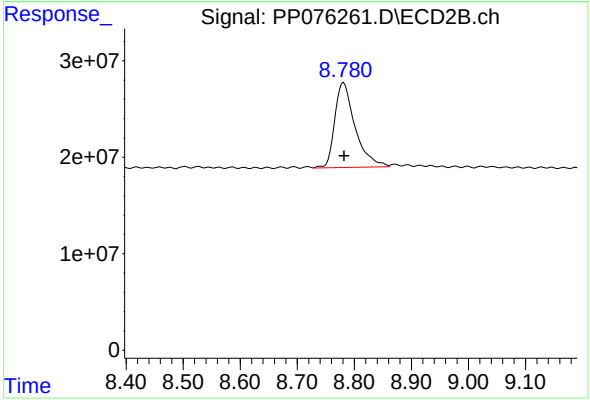
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 191776777
Conc: 28.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.005 min
Response: 33712765
Conc: 31.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 217888445
Conc: 26.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:40
Operator : YP/AJ
Sample : PB170339BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB170339BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:22:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.350	3.652	148.7E6	92245423	27.383	23.048
2)	SA Decachlor...	9.940	8.648	97311516	87763247	26.726	26.330
	Target Compounds						
3)	L1 AR-1016-1	5.489	4.730	101.0E6	79080584	560.157	469.643m
4)	L1 AR-1016-2	5.511	4.750	161.6E6	112.5E6	531.110	464.731
5)	L1 AR-1016-3	5.572	4.925	94881905	58591179	536.504	471.925
6)	L1 AR-1016-4	5.669	4.967	77095471	45267840	560.472	468.973
7)	L1 AR-1016-5	5.960	5.179	69960415	61008311	554.073	477.166
31)	L7 AR-1260-1	7.075	6.210	120.7E6	123.4E6	553.731	523.963
32)	L7 AR-1260-2	7.329	6.398	174.2E6	181.4E6	564.548	542.463
33)	L7 AR-1260-3	7.687	6.550	105.1E6	147.5E6	409.805	500.162
34)	L7 AR-1260-4	7.908	7.022	111.4E6	110.5E6	478.069	495.669m
35)	L7 AR-1260-5	8.216	7.263	257.2E6	297.1E6	443.401	484.649

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

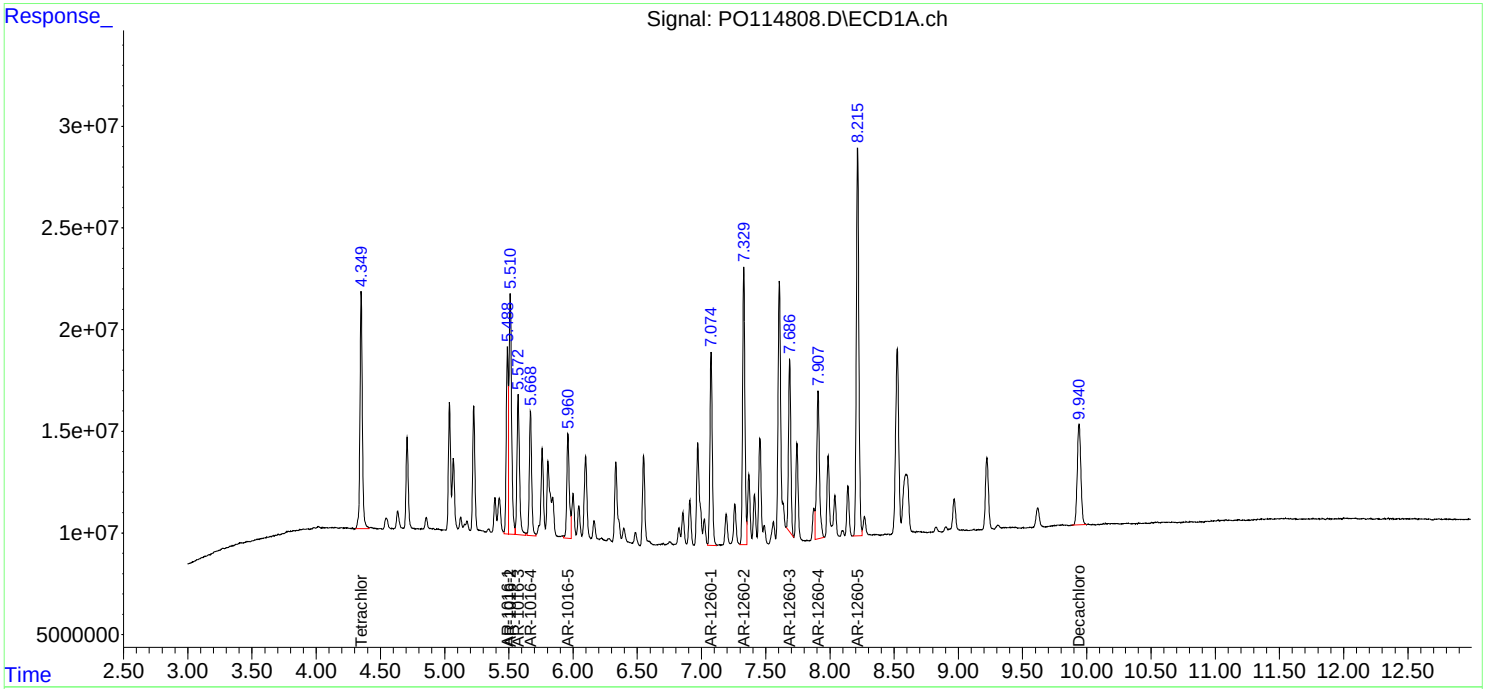
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:40
Operator : YP/AJ
Sample : PB170339BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

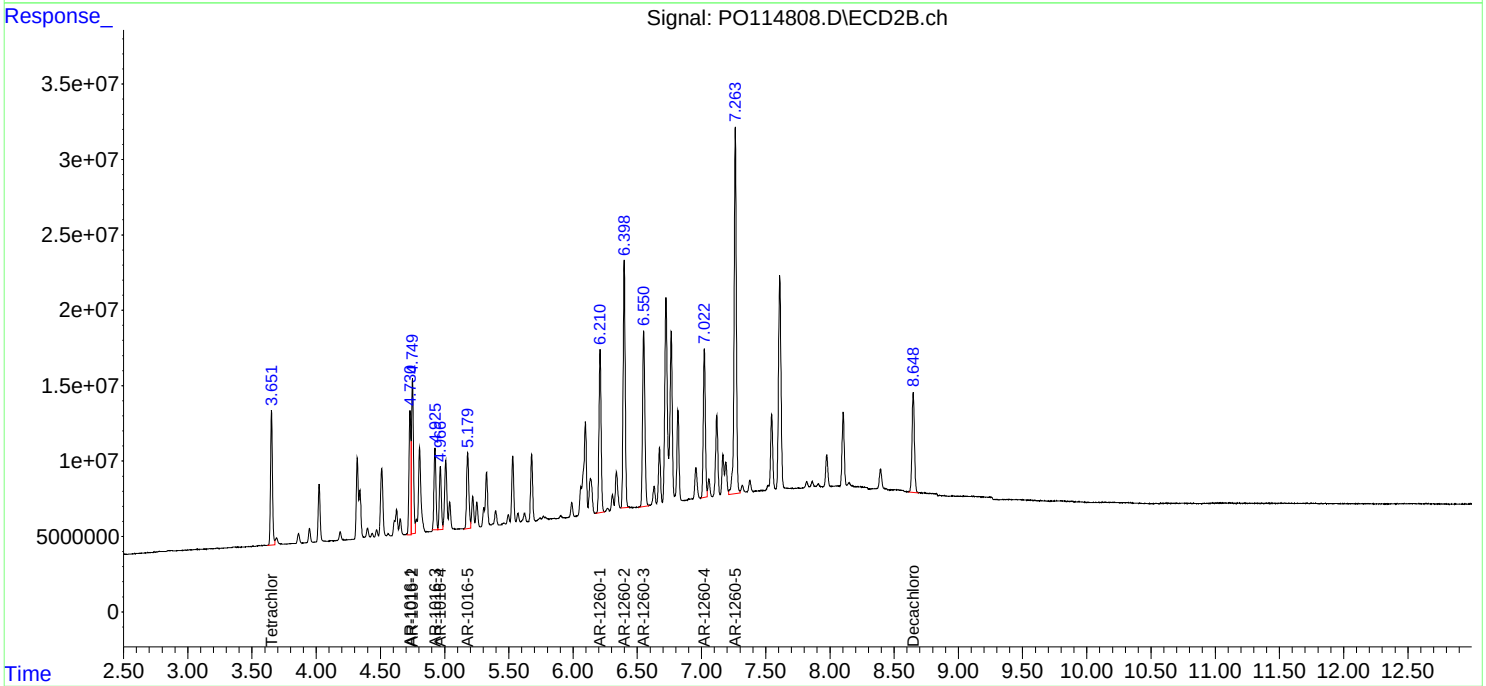
Instrument :
ECD_O
ClientSampleId :
PB170339BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:22:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:42
Operator : YP\AJ
Sample : PB170347BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170347BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.781	47022137	195.1E6	32.903	29.478
2)	SA Decachlor...	10.424	8.780	33043879	213.7E6	30.695	25.991
	Target Compounds						
3)	L1 AR-1016-1	5.798	4.877	29295331	342.1E6	495.472	462.183
4)	L1 AR-1016-2	5.820	4.934	45559998	158.7E6	515.128	464.017
5)	L1 AR-1016-3	5.882	5.055	27788598	86359712	502.043	420.564
6)	L1 AR-1016-4	5.979	5.095	23002476	86626172	506.214	463.525
7)	L1 AR-1016-5	6.272	5.307	20960024	100.1E6	482.888	439.151m
31)	L7 AR-1260-1	7.390	6.337	37719179	264.9E6	548.590	483.708
32)	L7 AR-1260-2	7.643	6.524	46656068	415.3E6	520.847	510.369
33)	L7 AR-1260-3	8.002	6.677	31346876	291.3E6	452.424	517.589
34)	L7 AR-1260-4	8.229	7.146	35124942	257.0E6	512.239m	494.863
35)	L7 AR-1260-5	8.556	7.386	66939509	625.9E6	452.442	461.698

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:42
Operator : YP\AJ
Sample : PB170347BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

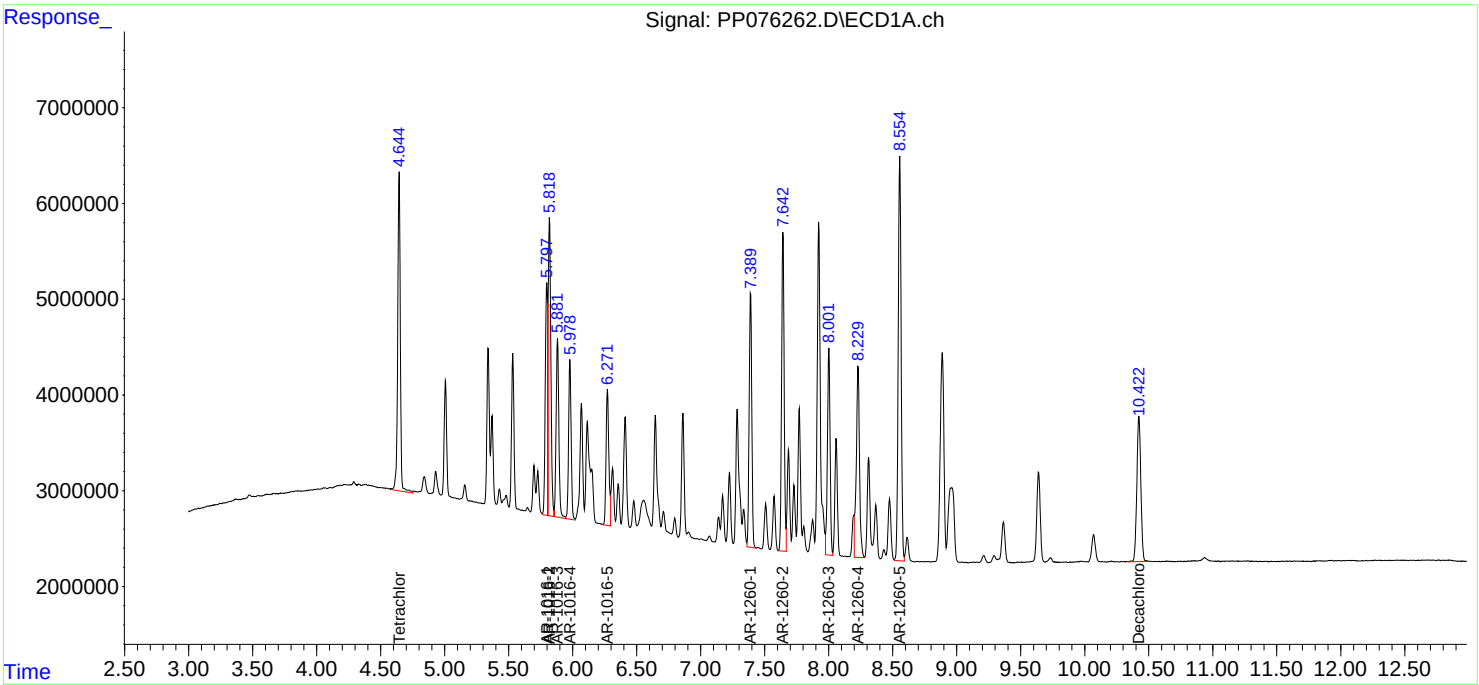
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

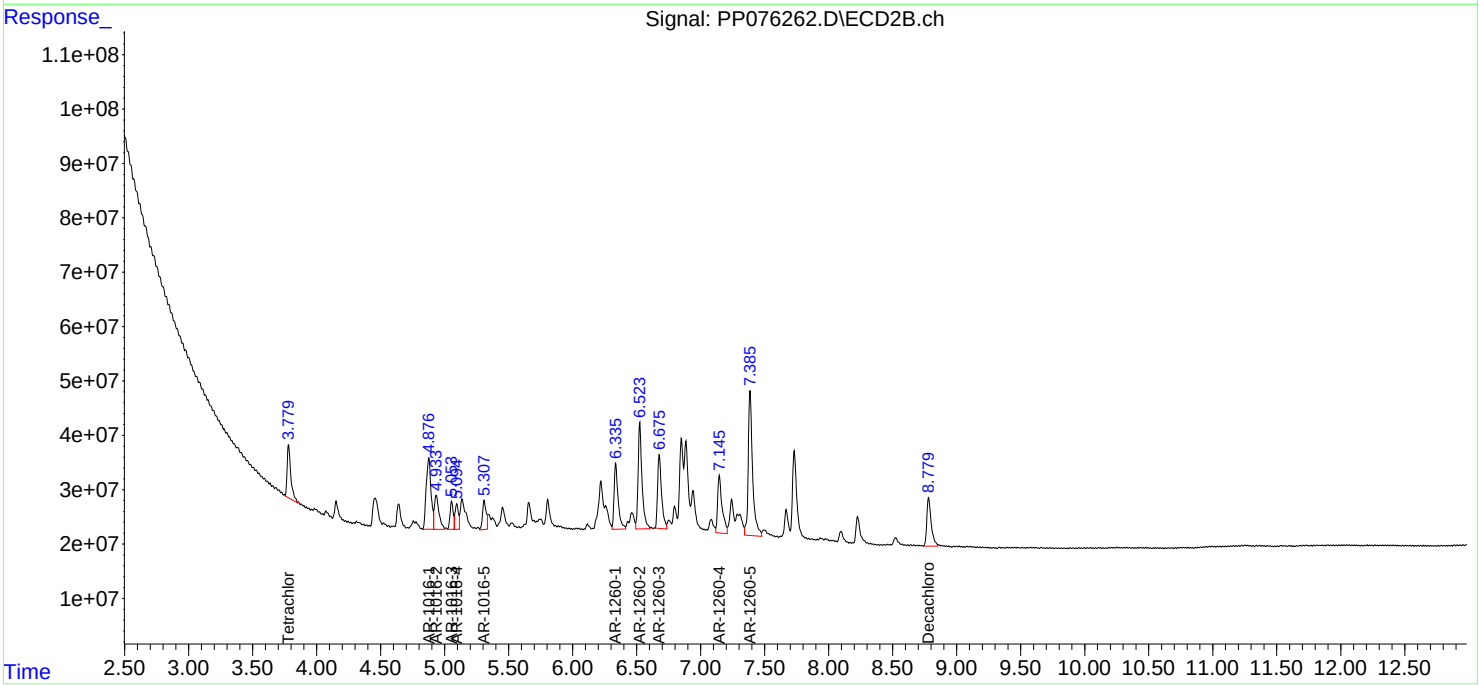
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
PB170347BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:58
Operator : YP\AJ
Sample : PB170347BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170347BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.779	44283284	194.9E6	30.987	29.441
2)	SA Decachlor...	10.421	8.779	32080548	205.2E6	29.800	24.957
	Target Compounds						
3)	L1 AR-1016-1	5.796	4.875	29048618	334.6E6	491.299	452.019
4)	L1 AR-1016-2	5.817	4.932	43803809	145.7E6	495.271	426.097
5)	L1 AR-1016-3	5.880	5.051	26827110	87876137	484.672	427.949
6)	L1 AR-1016-4	5.978	5.092	22283359	84859502	490.389	454.072
7)	L1 AR-1016-5	6.270	5.307	20209345	92515263	465.594	405.799
31)	L7 AR-1260-1	7.388	6.334	36806070	276.7E6	535.310	505.157
32)	L7 AR-1260-2	7.641	6.522	45738627	401.5E6	510.605	493.371
33)	L7 AR-1260-3	8.000	6.674	30770729	290.4E6	444.108	516.060
34)	L7 AR-1260-4	8.226	7.144	34831455	264.3E6	507.959m	508.871
35)	L7 AR-1260-5	8.554	7.383	65626888	618.9E6	443.570	456.546

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103125\
Data File : PP076263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 17:58
Operator : YP\AJ
Sample : PB170347BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

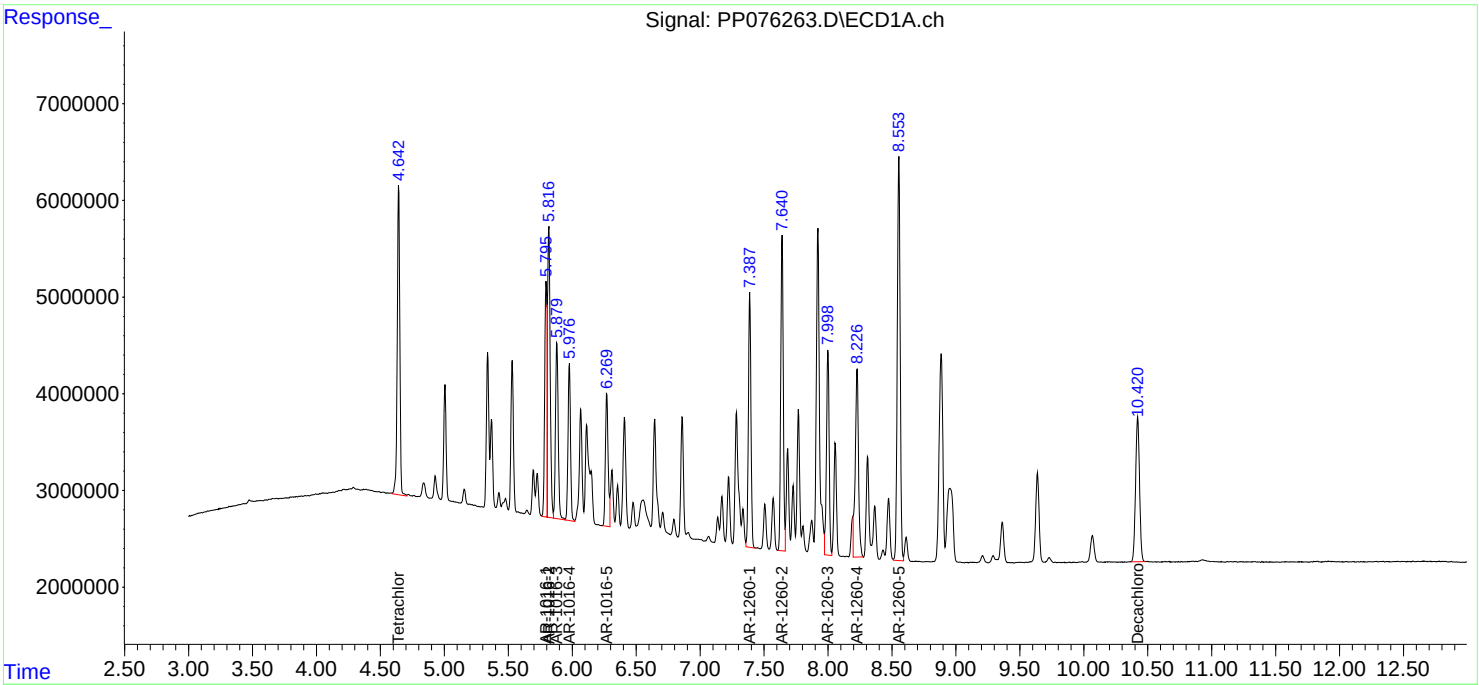
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 23:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

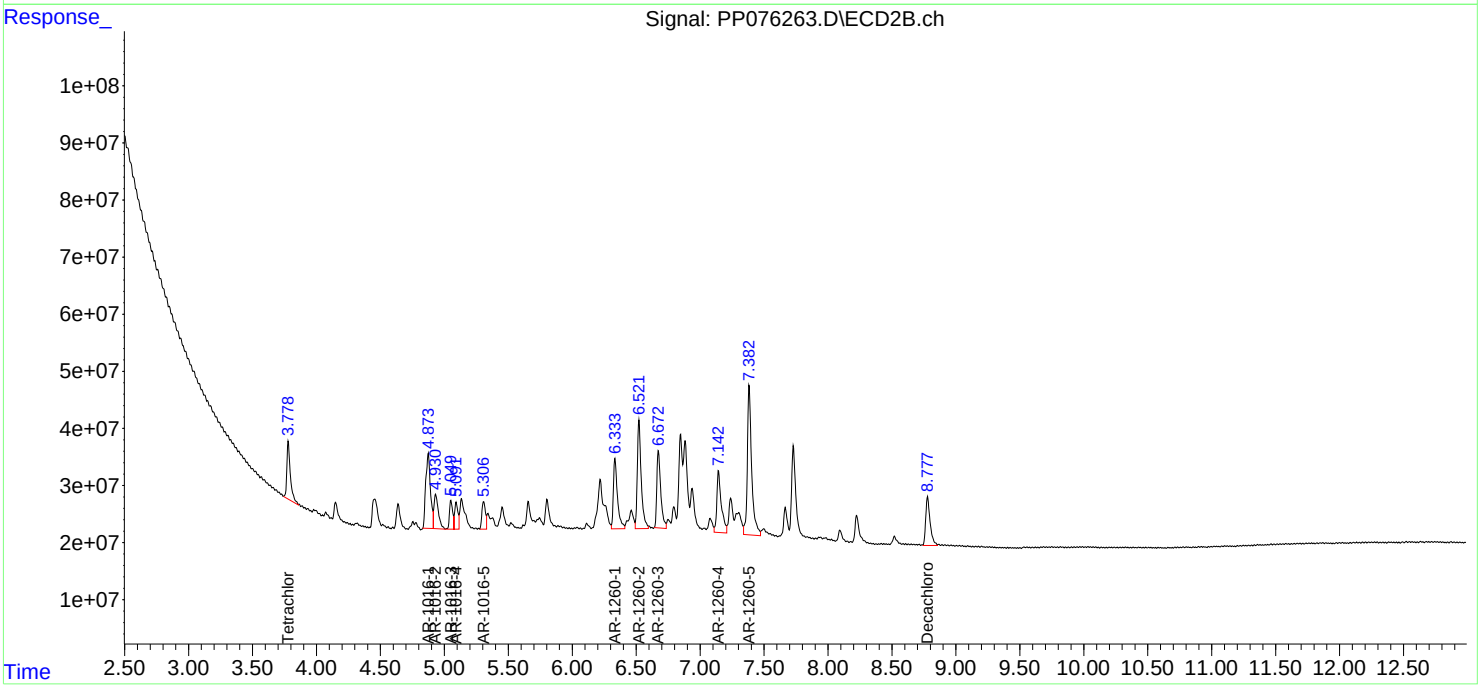
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
PB170347BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:17
Operator : YP/AJ
Sample : Q3495-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-1025-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:35:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.353	3.653	117.1E6	73612514	21.574	18.393
2)	SA Decachlor...	9.944	8.651	55620239	54790538	15.276	16.438
	Target Compounds						
3)	L1 AR-1016-1	5.493	4.732	95216129	74731045	527.929	443.812m
4)	L1 AR-1016-2	5.514	4.751	152.8E6	108.2E6	502.161	447.127
5)	L1 AR-1016-3	5.576	4.926	88812602	57887206	502.185	466.255
6)	L1 AR-1016-4	5.672	4.968	73034409	44444481	530.949	460.443
7)	L1 AR-1016-5	5.963	5.180	63815200	58292939	505.405	455.928
31)	L7 AR-1260-1	7.077	6.212	112.2E6	113.6E6	514.763	482.432
32)	L7 AR-1260-2	7.331	6.400	152.0E6	162.7E6	492.738	486.629
33)	L7 AR-1260-3	7.689	6.552	93352810	134.2E6	363.991	455.086 #
34)	L7 AR-1260-4	7.911	7.024	101.7E6	100.4E6	436.648	450.457m
35)	L7 AR-1260-5	8.218	7.265	227.4E6	265.7E6	391.918	433.444

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

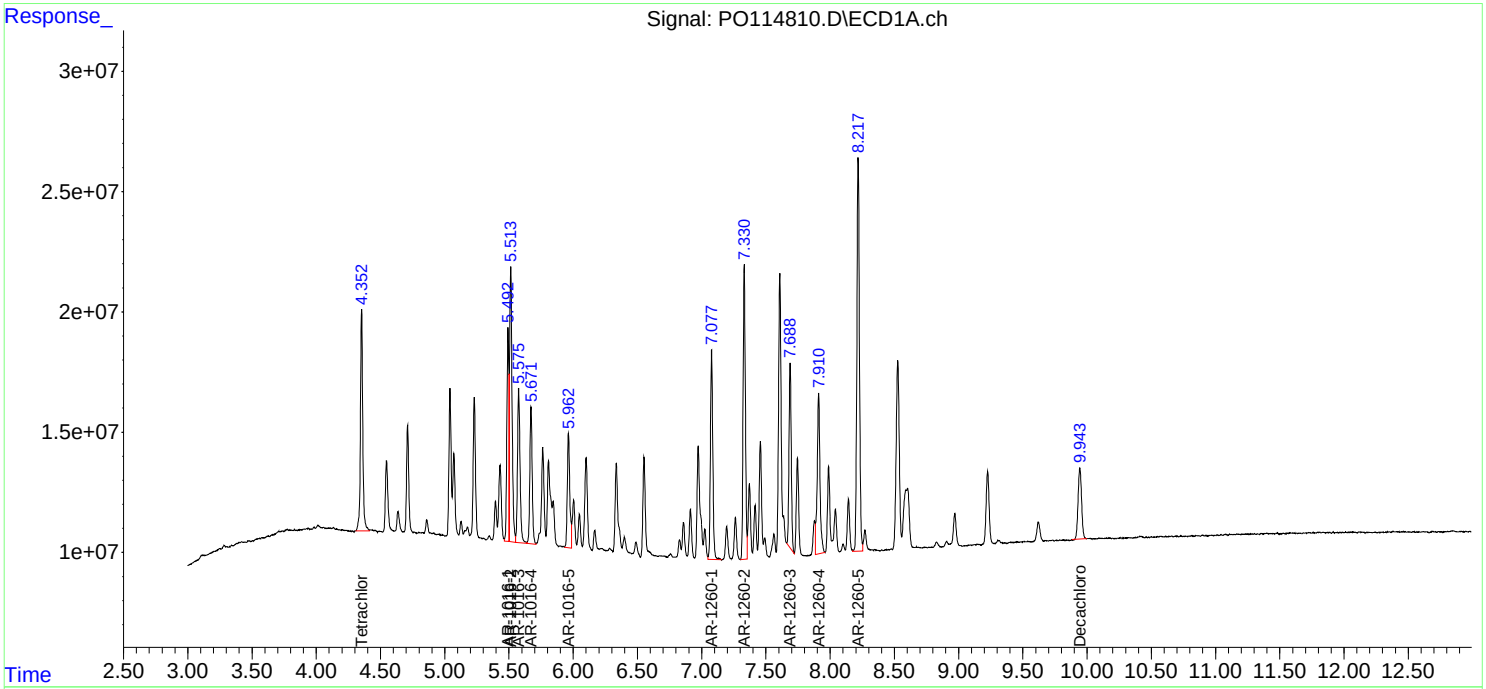
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:17
Operator : YP/AJ
Sample : Q3495-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

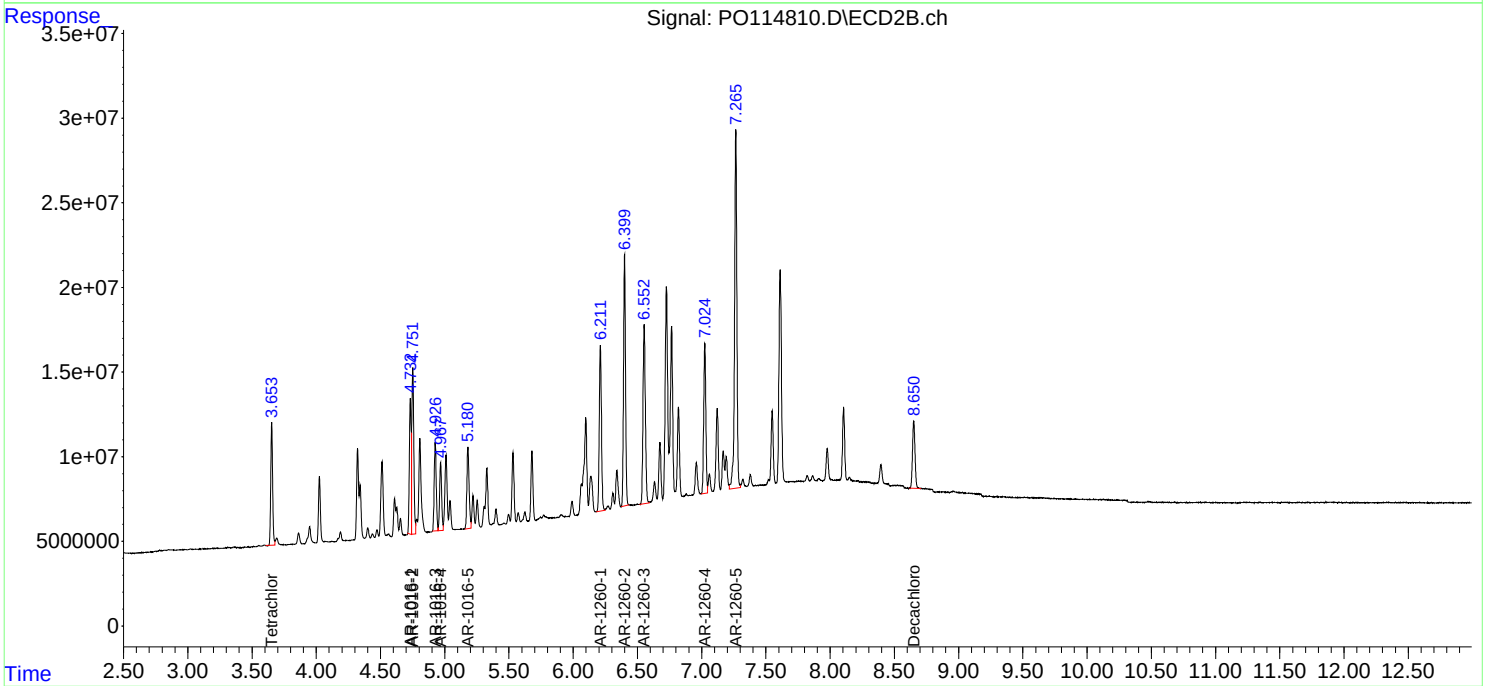
Instrument :
ECD_O
ClientSampleId :
SB-1025-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 14:35:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:35
Operator : YP/AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 16:23:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.353	3.653	118.0E6	74606760	21.734	18.641
2)	SA Decachlor...	9.944	8.651	57567758	56233888	15.810	16.871
	Target Compounds						
3)	L1 AR-1016-1	5.492	4.732	96590493	75819781	535.550	450.278m
4)	L1 AR-1016-2	5.514	4.752	152.6E6	108.9E6	501.403	450.029
5)	L1 AR-1016-3	5.576	4.926	88275673	57629998	499.149	464.183
6)	L1 AR-1016-4	5.671	4.968	73155162	44107789	531.827	456.955
7)	L1 AR-1016-5	5.964	5.181	65088683	58481698	515.490	457.405
31)	L7 AR-1260-1	7.078	6.212	112.8E6	114.3E6	517.554	485.265
32)	L7 AR-1260-2	7.332	6.400	151.0E6	162.7E6	489.380	486.461
33)	L7 AR-1260-3	7.690	6.553	93179729	134.7E6	363.316	456.841 #
34)	L7 AR-1260-4	7.912	7.024	100.8E6	100.8E6	432.609	452.057m
35)	L7 AR-1260-5	8.218	7.265	227.5E6	267.7E6	392.054	436.707

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

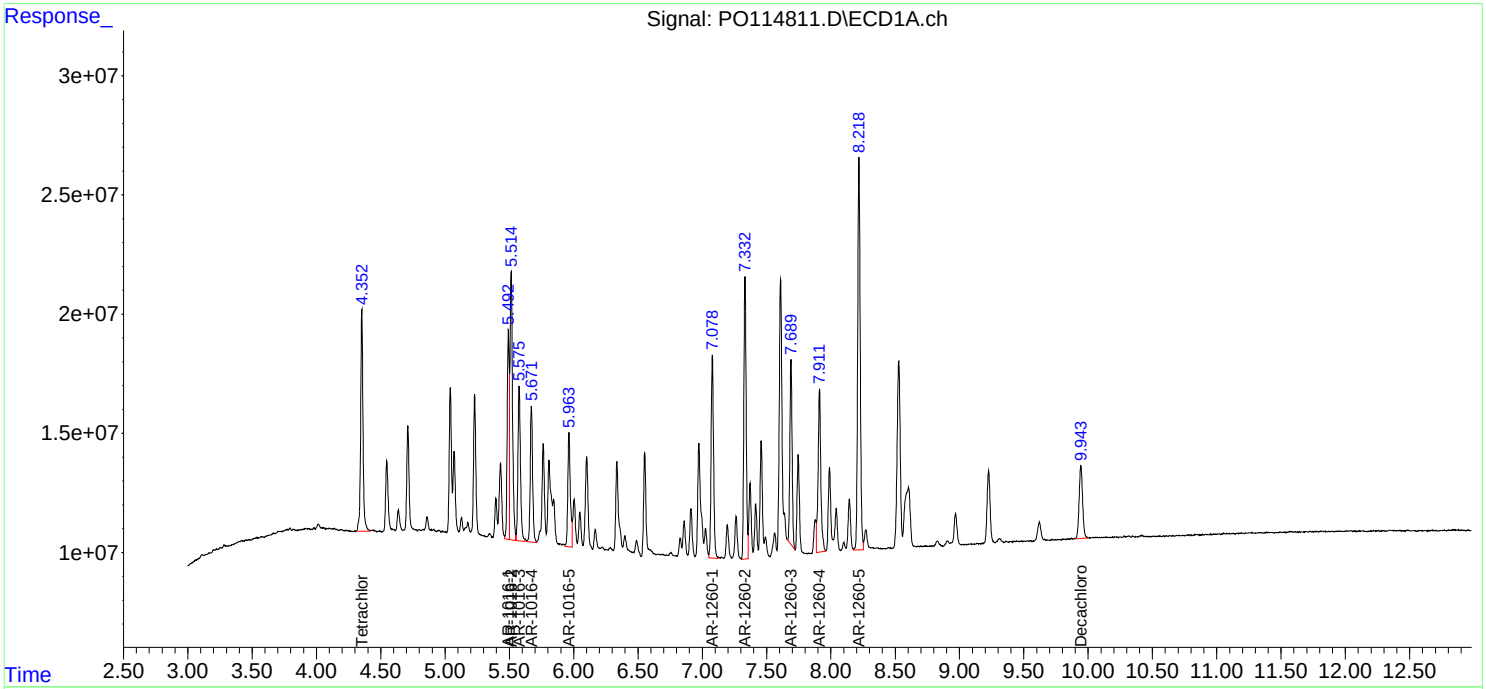
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103125\
Data File : PO114811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:35
Operator : YP/AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

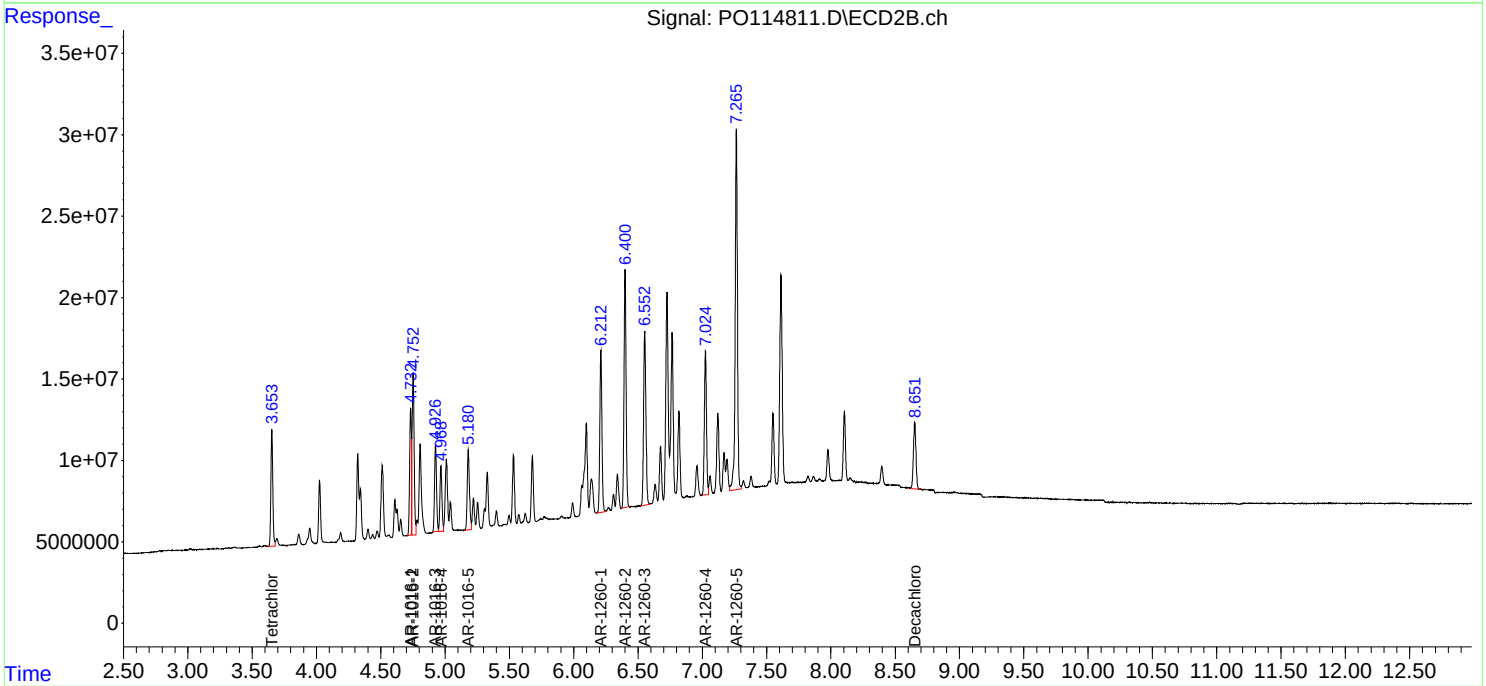
Instrument :
ECD_O
ClientSampleId :
SB-1025-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 16:23:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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Manual Integration Report

Sequence:	po100925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO114317.D	AR-1260-2	yogesh	10/10/2025 7:45:12 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1242ICC050	PO114324.D	AR-1242-5	yogesh	10/10/2025 7:45:14 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC250	PO114328.D	AR-1248-5	yogesh	10/10/2025 7:45:16 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-1	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-5	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC250	PO114339.D	AR-1268-1	yogesh	10/10/2025 7:45:22 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC050	PO114340.D	AR-1268-4	yogesh	10/10/2025 7:45:21 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO103125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170339BS	PO114808.D	AR-1260-4 #2	rahul	11/3/2025 8:13:40 AM	yogesh	11/3/2025 8:45:39	Peak Integrated by Software
Q3495-02	PO114809.D	Decachlorobiphenyl #2	rahul	11/3/2025 8:13:43 AM	yogesh	11/3/2025 8:45:40	Peak Integrated by Software
Q3495-02MS	PO114810.D	AR-1260-4 #2	rahul	11/3/2025 8:13:45 AM	yogesh	11/3/2025 8:45:43	Peak Integrated by Software
Q3495-02MSD	PO114811.D	AR-1260-4 #2	rahul	11/3/2025 8:13:48 AM	yogesh	11/3/2025 8:45:44	Peak Integrated by Software
AR1660CCC500	PO114813.D	AR-1260-4 #2	rahul	11/3/2025 8:13:53 AM	yogesh	11/3/2025 8:45:48	Peak Integrated by Software
AR1248CCC500	PO114815.D	AR-1248-1 #2	rahul	11/3/2025 8:13:55 AM	yogesh	11/3/2025 8:45:54	Peak Integrated by Software
I.BLK	PO114817.D	Decachlorobiphenyl #2	rahul	11/3/2025 8:13:58 AM	yogesh	11/3/2025 8:45:56	Peak Integrated by Software
AR1660CCC500	PO114828.D	AR-1016-1 #2	rahul	11/3/2025 8:14:18 AM	yogesh	11/3/2025 8:46:29	Peak Integrated by Software
AR1660CCC500	PO114828.D	AR-1260-4 #2	rahul	11/3/2025 8:14:18 AM	yogesh	11/3/2025 8:46:29	Peak Integrated by Software
AR1242CCC500	PO114829.D	AR-1242-1 #2	rahul	11/3/2025 8:14:20 AM	yogesh	11/3/2025 8:46:12	Peak Integrated by Software
AR1248CCC500	PO114830.D	AR-1248-1 #2	rahul	11/3/2025 8:14:23 AM	yogesh	11/3/2025 8:46:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC1000	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC1000	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC1000	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp103125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076243.D	AR-1242-4 #2	rahul	11/3/2025 8:15:40 AM	yogesh	11/3/2025 8:47:04	Peak Integrated by Software
AR1242CCC500	PP076243.D	AR-1242-5 #2	rahul	11/3/2025 8:15:40 AM	yogesh	11/3/2025 8:47:04	Peak Integrated by Software
AR1248CCC500	PP076244.D	AR-1248-3 #2	rahul	11/3/2025 8:15:43 AM	yogesh	11/3/2025 8:47:07	Peak Integrated by Software
AR1248CCC500	PP076244.D	AR-1248-5 #2	rahul	11/3/2025 8:15:43 AM	yogesh	11/3/2025 8:47:07	Peak Integrated by Software
AR1254CCC500	PP076245.D	AR-1254-1	rahul	11/3/2025 8:15:46 AM	yogesh	11/3/2025 8:47:10	Peak Integrated by Software
AR1254CCC500	PP076245.D	AR-1254-1 #2	rahul	11/3/2025 8:15:46 AM	yogesh	11/3/2025 8:47:10	Peak Integrated by Software
AR1254CCC500	PP076245.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:15:46 AM	yogesh	11/3/2025 8:47:10	Peak Integrated by Software
AR1660CCC500	PP076256.D	AR-1260-4 #2	rahul	11/3/2025 8:16:13 AM	yogesh	11/3/2025 8:47:36	Peak Integrated by Software
AR1242CCC500	PP076257.D	AR-1242-4 #2	rahul	11/3/2025 8:16:16 AM	yogesh	11/3/2025 8:47:39	Peak Integrated by Software
AR1242CCC500	PP076257.D	AR-1242-5 #2	rahul	11/3/2025 8:16:16 AM	yogesh	11/3/2025 8:47:39	Peak Integrated by Software
AR1242CCC500	PP076257.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:16:16 AM	yogesh	11/3/2025 8:47:39	Peak Integrated by Software
AR1242CCC500	PP076257.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:16:16 AM	yogesh	11/3/2025 8:47:39	Peak Integrated by Software
AR1248CCC500	PP076258.D	AR-1248-3 #2	rahul	11/3/2025 8:16:22 AM	yogesh	11/3/2025 8:47:41	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pp103125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP076258.D	AR-1248-5 #2	rahul	11/3/2025 8:16:22 AM	yogesh	11/3/2025 8:47:41	Peak Integrated by Software
AR1248CCC500	PP076258.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:16:22 AM	yogesh	11/3/2025 8:47:41	Peak Integrated by Software
AR1254CCC500	PP076259.D	AR-1254-1	rahul	11/3/2025 8:16:24 AM	yogesh	11/3/2025 8:47:43	Peak Integrated by Software
AR1254CCC500	PP076259.D	AR-1254-1 #2	rahul	11/3/2025 8:16:24 AM	yogesh	11/3/2025 8:47:43	Peak Integrated by Software
AR1254CCC500	PP076259.D	AR-1254-5 #2	rahul	11/3/2025 8:16:24 AM	yogesh	11/3/2025 8:47:43	Peak Integrated by Software
AR1254CCC500	PP076259.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:16:24 AM	yogesh	11/3/2025 8:47:43	Peak Integrated by Software
PB170347BS	PP076262.D	AR-1016-5 #2	rahul	11/3/2025 8:16:52 AM	yogesh	11/3/2025 8:47:44	Peak Integrated by Software
PB170347BS	PP076262.D	AR-1260-4	rahul	11/3/2025 8:16:52 AM	yogesh	11/3/2025 8:47:44	Peak Integrated by Software
PB170347BSD	PP076263.D	AR-1260-4	rahul	11/3/2025 8:16:55 AM	yogesh	11/3/2025 8:47:46	Peak Integrated by Software
Q3495-03	PP076266.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:17:03 AM	yogesh	11/3/2025 8:47:52	Peak Integrated by Software
AR1242CCC500	PP076272.D	AR-1242-1 #2	rahul	11/3/2025 8:17:16 AM	yogesh	11/3/2025 8:48:28	Peak Integrated by Software
AR1242CCC500	PP076272.D	AR-1242-4 #2	rahul	11/3/2025 8:17:16 AM	yogesh	11/3/2025 8:48:28	Peak Integrated by Software
AR1242CCC500	PP076272.D	AR-1242-5 #2	rahul	11/3/2025 8:17:16 AM	yogesh	11/3/2025 8:48:28	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp103125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP076273.D	AR-1248-3 #2	rahul	11/3/2025 8:17:34 AM	yogesh	11/3/2025 8:48:30	Peak Integrated by Software
AR1248CCC500	PP076273.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:17:34 AM	yogesh	11/3/2025 8:48:30	Peak Integrated by Software
AR1254CCC500	PP076274.D	AR-1254-1	rahul	11/3/2025 8:17:37 AM	yogesh	11/3/2025 8:48:33	Peak Integrated by Software
AR1254CCC500	PP076274.D	AR-1254-1 #2	rahul	11/3/2025 8:17:37 AM	yogesh	11/3/2025 8:48:33	Peak Integrated by Software
AR1254CCC500	PP076274.D	Tetrachloro-m-xylene #2	rahul	11/3/2025 8:17:37 AM	yogesh	11/3/2025 8:48:33	Peak Integrated by Software
AR1660CCC500	PP076286.D	AR-1260-4 #2	rahul	11/3/2025 8:18:01 AM	yogesh	11/3/2025 8:48:56	Peak Integrated by Software
AR1242CCC500	PP076287.D	AR-1242-4 #2	rahul	11/3/2025 8:18:04 AM	yogesh	11/3/2025 8:48:58	Peak Integrated by Software
AR1242CCC500	PP076287.D	AR-1242-5 #2	rahul	11/3/2025 8:18:04 AM	yogesh	11/3/2025 8:48:58	Peak Integrated by Software
AR1248CCC500	PP076288.D	AR-1248-3 #2	rahul	11/3/2025 8:18:07 AM	yogesh	11/3/2025 8:49:00	Peak Integrated by Software
AR1248CCC500	PP076288.D	AR-1248-5 #2	rahul	11/3/2025 8:18:07 AM	yogesh	11/3/2025 8:49:00	Peak Integrated by Software
AR1254CCC500	PP076289.D	AR-1254-1	rahul	11/3/2025 8:18:10 AM	yogesh	11/3/2025 8:49:02	Peak Integrated by Software
AR1254CCC500	PP076289.D	AR-1254-1 #2	rahul	11/3/2025 8:18:10 AM	yogesh	11/3/2025 8:49:02	Peak Integrated by Software
AR1254CCC500	PP076289.D	AR-1254-2 #2	rahul	11/3/2025 8:18:10 AM	yogesh	11/3/2025 8:49:02	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp103125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076289.D	AR-1254-3 #2	rahul	11/3/2025 8:18:10 AM	yogesh	11/3/2025 8:49:02	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114311.D	09 Oct 2025 13:37	YP/AJ	Ok
2	I.BLK	PO114312.D	09 Oct 2025 13:55	YP/AJ	Ok
3	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14	YP/AJ	Ok
4	AR1660ICC750	PO114314.D	09 Oct 2025 14:32	YP/AJ	Ok
5	AR1660ICC500	PO114315.D	09 Oct 2025 14:50	YP/AJ	Ok
6	AR1660ICC250	PO114316.D	09 Oct 2025 15:09	YP/AJ	Ok
7	AR1660ICC050	PO114317.D	09 Oct 2025 15:27	YP/AJ	Ok,M
8	AR1221ICC500	PO114318.D	09 Oct 2025 15:45	YP/AJ	Ok
9	AR1232ICC500	PO114319.D	09 Oct 2025 16:04	YP/AJ	Ok
10	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22	YP/AJ	Ok
11	AR1242ICC750	PO114321.D	09 Oct 2025 16:40	YP/AJ	Ok
12	AR1242ICC500	PO114322.D	09 Oct 2025 16:59	YP/AJ	Ok
13	AR1242ICC250	PO114323.D	09 Oct 2025 17:17	YP/AJ	Ok
14	AR1242ICC050	PO114324.D	09 Oct 2025 17:35	YP/AJ	Ok,M
15	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54	YP/AJ	Ok
16	AR1248ICC750	PO114326.D	09 Oct 2025 18:12	YP/AJ	Ok
17	AR1248ICC500	PO114327.D	09 Oct 2025 18:30	YP/AJ	Ok
18	AR1248ICC250	PO114328.D	09 Oct 2025 18:49	YP/AJ	Ok,M
19	AR1248ICC050	PO114329.D	09 Oct 2025 19:07	YP/AJ	Ok,M
20	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26	YP/AJ	Ok
21	AR1254ICC750	PO114331.D	09 Oct 2025 19:44	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO114332.D	09 Oct 2025 20:02	YP/AJ	Ok
23	AR1254ICC250	PO114333.D	09 Oct 2025 20:21	YP/AJ	Ok
24	AR1254ICC050	PO114334.D	09 Oct 2025 20:39	YP/AJ	Ok
25	AR1262ICC500	PO114335.D	09 Oct 2025 20:57	YP/AJ	Ok
26	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16	YP/AJ	Ok
27	AR1268ICC750	PO114337.D	09 Oct 2025 21:34	YP/AJ	Ok
28	AR1268ICC500	PO114338.D	09 Oct 2025 21:52	YP/AJ	Ok
29	AR1268ICC250	PO114339.D	09 Oct 2025 22:11	YP/AJ	Ok,M
30	AR1268ICC050	PO114340.D	09 Oct 2025 22:29	YP/AJ	Ok,M
31	PO100925ICV500	PO114341.D	09 Oct 2025 22:47	YP/AJ	Ok
32	AR1242ICV500	PO114342.D	09 Oct 2025 23:24	YP/AJ	Ok
33	AR1248ICV500	PO114343.D	10 Oct 2025 00:01	YP/AJ	Ok
34	AR1254ICV500	PO114344.D	10 Oct 2025 00:38	YP/AJ	Ok
35	AR1268ICV500	PO114345.D	10 Oct 2025 01:14	YP/AJ	Ok
36	DDT ANALOG	PO114346.D	10 Oct 2025 01:51	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103125

Review By	yogesh	Review On	10/31/2025 2:38:32 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:14:34 AM		
SubDirectory	PO103125	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO114797.D	31 Oct 2025 09:01	YP/AJ	Ok
2	AR1660CCC500	PO114798.D	31 Oct 2025 09:45	YP/AJ	Ok
3	AR1242CCC500	PO114799.D	31 Oct 2025 10:02	YP/AJ	Ok
4	AR1248CCC500	PO114800.D	31 Oct 2025 10:20	YP/AJ	Ok
5	AR1254CCC500	PO114801.D	31 Oct 2025 10:38	YP/AJ	Ok
6	I.BLK	PO114802.D	31 Oct 2025 10:56	YP/AJ	Ok
7	Q3489-26	PO114803.D	31 Oct 2025 11:14	YP/AJ	Ok,M
8	Q3489-30	PO114804.D	31 Oct 2025 11:33	YP/AJ	Ok
9	Q3489-15DL	PO114805.D	31 Oct 2025 11:51	YP/AJ	Ok,M
10	Q3489-17DL	PO114806.D	31 Oct 2025 12:10	YP/AJ	Ok,M
11	PB170339BL	PO114807.D	31 Oct 2025 13:22	YP/AJ	Ok
12	PB170339BS	PO114808.D	31 Oct 2025 13:40	YP/AJ	Ok,M
13	Q3495-02	PO114809.D	31 Oct 2025 13:58	YP/AJ	Ok,M
14	Q3495-02MS	PO114810.D	31 Oct 2025 14:17	YP/AJ	Ok,M
15	Q3495-02MSD	PO114811.D	31 Oct 2025 14:35	YP/AJ	Ok,M
16	Q3496-01	PO114812.D	31 Oct 2025 14:52	YP/AJ	Ok,M
17	AR1660CCC500	PO114813.D	31 Oct 2025 15:59	YP/AJ	Ok,M
18	AR1242CCC500	PO114814.D	31 Oct 2025 16:16	YP/AJ	Ok
19	AR1248CCC500	PO114815.D	31 Oct 2025 16:33	YP/AJ	Ok,M
20	AR1254CCC500	PO114816.D	31 Oct 2025 16:52	YP/AJ	Ok
21	I.BLK	PO114817.D	31 Oct 2025 17:10	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103125

Review By	yogesh	Review On	10/31/2025 2:38:32 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:14:34 AM		
SubDirectory	PO103125	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3497-01	PO114818.D	31 Oct 2025 17:29	YP/AJ	Ok
23	Q3499-01	PO114819.D	31 Oct 2025 17:46	YP/AJ	Ok,M
24	Q3504-01	PO114820.D	31 Oct 2025 18:04	YP/AJ	Ok,M
25	Q3505-01	PO114821.D	31 Oct 2025 18:21	YP/AJ	Ok,M
26	Q3500-05	PO114822.D	31 Oct 2025 18:38	YP/AJ	Ok,M
27	Q3505-04	PO114823.D	31 Oct 2025 18:57	YP/AJ	ReRun
28	Q3505-05	PO114824.D	31 Oct 2025 19:15	YP/AJ	Ok
29	Q3505-06	PO114825.D	31 Oct 2025 19:34	YP/AJ	Ok
30	Q3496-03	PO114826.D	31 Oct 2025 19:52	YP/AJ	Ok,M
31	Q3502-04	PO114827.D	31 Oct 2025 20:09	YP/AJ	Ok,M
32	AR1660CCC500	PO114828.D	31 Oct 2025 21:12	YP/AJ	Ok,M
33	AR1242CCC500	PO114829.D	31 Oct 2025 22:07	YP/AJ	Ok,M
34	AR1248CCC500	PO114830.D	31 Oct 2025 22:24	YP/AJ	Ok,M
35	AR1254CCC500	PO114831.D	31 Oct 2025 22:43	YP/AJ	Ok
36	I.BLK	PO114832.D	31 Oct 2025 23:00	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP076241.D	31 Oct 2025 09:26	YP\AJ	Ok
2	AR1660CCC500	PP076242.D	31 Oct 2025 09:43	YP\AJ	Ok
3	AR1242CCC500	PP076243.D	31 Oct 2025 09:59	YP\AJ	Ok,M
4	AR1248CCC500	PP076244.D	31 Oct 2025 10:15	YP\AJ	Ok,M
5	AR1254CCC500	PP076245.D	31 Oct 2025 10:32	YP\AJ	Ok,M
6	I.BLK	PP076246.D	31 Oct 2025 10:48	YP\AJ	Ok
7	Q3482-04	PP076247.D	31 Oct 2025 11:09	YP\AJ	Ok,M
8	Q3500-01	PP076248.D	31 Oct 2025 13:21	YP\AJ	Ok,M
9	Q3501-01	PP076249.D	31 Oct 2025 13:38	YP\AJ	Not Ok
10	Q3502-01	PP076250.D	31 Oct 2025 13:54	YP\AJ	Ok,M
11	Q3503-01	PP076251.D	31 Oct 2025 14:10	YP\AJ	Ok,M
12	Q3503-03	PP076252.D	31 Oct 2025 14:26	YP\AJ	Ok,M
13	Q3503-05	PP076253.D	31 Oct 2025 14:43	YP\AJ	Ok,M
14	Q3505-02	PP076254.D	31 Oct 2025 14:59	YP\AJ	Ok,M
15	Q3505-03	PP076255.D	31 Oct 2025 15:15	YP\AJ	Ok,M
16	AR1660CCC500	PP076256.D	31 Oct 2025 16:04	YP\AJ	Ok,M
17	AR1242CCC500	PP076257.D	31 Oct 2025 16:20	YP\AJ	Ok,M
18	AR1248CCC500	PP076258.D	31 Oct 2025 16:37	YP\AJ	Ok,M
19	AR1254CCC500	PP076259.D	31 Oct 2025 16:53	YP\AJ	Ok,M
20	I.BLK	PP076260.D	31 Oct 2025 17:09	YP\AJ	Ok
21	PB170347BL	PP076261.D	31 Oct 2025 17:26	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB170347BS	PP076262.D	31 Oct 2025 17:42	YP\AJ	Ok,M
23	PB170347BSD	PP076263.D	31 Oct 2025 17:58	YP\AJ	Ok,M
24	Q3484-01	PP076264.D	31 Oct 2025 18:14	YP\AJ	Ok,M
25	Q3492-01	PP076265.D	31 Oct 2025 18:31	YP\AJ	Ok,M
26	Q3495-03	PP076266.D	31 Oct 2025 18:47	YP\AJ	Ok,M
27	Q3500-02	PP076267.D	31 Oct 2025 19:03	YP\AJ	Ok,M
28	Q3500-03	PP076268.D	31 Oct 2025 19:19	YP\AJ	Ok,M
29	Q3500-04	PP076269.D	31 Oct 2025 19:36	YP\AJ	Ok,M
30	Q3503-07	PP076270.D	31 Oct 2025 19:52	YP\AJ	ReRun
31	AR1660CCC500	PP076271.D	31 Oct 2025 20:57	YP\AJ	Ok
32	AR1242CCC500	PP076272.D	31 Oct 2025 21:46	YP\AJ	Ok,M
33	AR1248CCC500	PP076273.D	31 Oct 2025 22:02	YP\AJ	Ok,M
34	AR1254CCC500	PP076274.D	31 Oct 2025 22:18	YP\AJ	Ok,M
35	I.BLK	PP076275.D	31 Oct 2025 22:34	YP\AJ	Ok
36	PB170358BL	PP076276.D	31 Oct 2025 22:51	YP\AJ	Ok
37	PB170358BS	PP076277.D	31 Oct 2025 23:07	YP\AJ	Ok,M
38	Q3437-15	PP076278.D	31 Oct 2025 23:23	YP\AJ	Ok,M
39	Q3450-04	PP076279.D	31 Oct 2025 23:40	YP\AJ	Ok,M
40	Q3450-04MS	PP076280.D	31 Oct 2025 23:56	YP\AJ	Ok,M
41	Q3450-04MSD	PP076281.D	01 Nov 2025 00:12	YP\AJ	Ok,M
42	Q3450-05	PP076282.D	01 Nov 2025 00:28	YP\AJ	Ok
43	Q3450-06	PP076283.D	01 Nov 2025 00:45	YP\AJ	Ok,M
44	Q3450-23	PP076284.D	01 Nov 2025 01:01	YP\AJ	Dilution

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q3450-25	PP076285.D	01 Nov 2025 01:17	YP\AJ	Ok,M
46	AR1660CCC500	PP076286.D	01 Nov 2025 02:22	YP\AJ	Ok,M
47	AR1242CCC500	PP076287.D	01 Nov 2025 03:11	YP\AJ	Ok,M
48	AR1248CCC500	PP076288.D	01 Nov 2025 03:28	YP\AJ	Ok,M
49	AR1254CCC500	PP076289.D	01 Nov 2025 03:44	YP\AJ	Ok,M
50	I.BLK	PP076290.D	01 Nov 2025 04:00	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114311.D	09 Oct 2025 13:37		YP/AJ	Ok
2	I.BLK	I.BLK	PO114312.D	09 Oct 2025 13:55		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114314.D	09 Oct 2025 14:32		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114315.D	09 Oct 2025 14:50		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114316.D	09 Oct 2025 15:09		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO114317.D	09 Oct 2025 15:27		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114318.D	09 Oct 2025 15:45		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114319.D	09 Oct 2025 16:04		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114321.D	09 Oct 2025 16:40		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114322.D	09 Oct 2025 16:59		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114323.D	09 Oct 2025 17:17		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114324.D	09 Oct 2025 17:35		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114326.D	09 Oct 2025 18:12		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114327.D	09 Oct 2025 18:30		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114328.D	09 Oct 2025 18:49		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM		
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM		
SubDirectory	PO100925	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO114329.D	09 Oct 2025 19:07		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114331.D	09 Oct 2025 19:44		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114332.D	09 Oct 2025 20:02		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114333.D	09 Oct 2025 20:21		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114334.D	09 Oct 2025 20:39		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO114335.D	09 Oct 2025 20:57		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114337.D	09 Oct 2025 21:34		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114338.D	09 Oct 2025 21:52		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114339.D	09 Oct 2025 22:11		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114340.D	09 Oct 2025 22:29		YP/AJ	Ok,M
31	PO100925ICV500	ICVPO100925	PO114341.D	09 Oct 2025 22:47		YP/AJ	Ok
32	AR1242ICV500	ICVPO100925AR1242	PO114342.D	09 Oct 2025 23:24		YP/AJ	Ok
33	AR1248ICV500	ICVPO100925AR1248	PO114343.D	10 Oct 2025 00:01		YP/AJ	Ok
34	AR1254ICV500	ICVPO100925AR1254	PO114344.D	10 Oct 2025 00:38		YP/AJ	Ok
35	AR1268ICV500	ICVPO100925AR1268	PO114345.D	10 Oct 2025 01:14		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114346.D	10 Oct 2025 01:51		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103125

Review By	yogesh	Review On	10/31/2025 2:38:32 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:14:34 AM		
SubDirectory	PO103125	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO114797.D	31 Oct 2025 09:01		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114798.D	31 Oct 2025 09:45		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO114799.D	31 Oct 2025 10:02		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114800.D	31 Oct 2025 10:20		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114801.D	31 Oct 2025 10:38		YP/AJ	Ok
6	I.BLK	I.BLK	PO114802.D	31 Oct 2025 10:56		YP/AJ	Ok
7	Q3489-26	L65-B	PO114803.D	31 Oct 2025 11:14		YP/AJ	Ok,M
8	Q3489-30	STF24-B	PO114804.D	31 Oct 2025 11:33		YP/AJ	Ok
9	Q3489-15DL	L60-ADL	PO114805.D	31 Oct 2025 11:51	AR1260 Hit	YP/AJ	Ok,M
10	Q3489-17DL	L61-ADL	PO114806.D	31 Oct 2025 12:10	AR1260 Hit	YP/AJ	Ok,M
11	PB170339BL	PB170339BL	PO114807.D	31 Oct 2025 13:22		YP/AJ	Ok
12	PB170339BS	PB170339BS	PO114808.D	31 Oct 2025 13:40		YP/AJ	Ok,M
13	Q3495-02	SB-1025-2	PO114809.D	31 Oct 2025 13:58		YP/AJ	Ok,M
14	Q3495-02MS	SB-1025-2MS	PO114810.D	31 Oct 2025 14:17		YP/AJ	Ok,M
15	Q3495-02MSD	SB-1025-2MSD	PO114811.D	31 Oct 2025 14:35		YP/AJ	Ok,M
16	Q3496-01	DRILL-CUTTINGS	PO114812.D	31 Oct 2025 14:52		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO114813.D	31 Oct 2025 15:59		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO114814.D	31 Oct 2025 16:16		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103125

Review By	yogesh	Review On	10/31/2025 2:38:32 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:14:34 AM		
SubDirectory	PO103125	HP Acquire Method		HP Processing Method	PO100925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO114815.D	31 Oct 2025 16:33		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO114816.D	31 Oct 2025 16:52		YP/AJ	Ok
21	I.BLK	I.BLK	PO114817.D	31 Oct 2025 17:10		YP/AJ	Ok,M
22	Q3497-01	OK-01-103025	PO114818.D	31 Oct 2025 17:29		YP/AJ	Ok
23	Q3499-01	RBR251235	PO114819.D	31 Oct 2025 17:46		YP/AJ	Ok,M
24	Q3504-01	72-11986	PO114820.D	31 Oct 2025 18:04		YP/AJ	Ok,M
25	Q3505-01	10-10-25-SOIL	PO114821.D	31 Oct 2025 18:21	AR1254 Hit	YP/AJ	Ok,M
26	Q3500-05	461-LIQUID	PO114822.D	31 Oct 2025 18:38		YP/AJ	Ok,M
27	Q3505-04	10-10-25-WATER	PO114823.D	31 Oct 2025 18:57	All surrogate fail	YP/AJ	ReRun
28	Q3505-05	10-16-25-WATER	PO114824.D	31 Oct 2025 19:15		YP/AJ	Ok
29	Q3505-06	10-17-25-WATER	PO114825.D	31 Oct 2025 19:34		YP/AJ	Ok
30	Q3496-03	PURGE-WATER	PO114826.D	31 Oct 2025 19:52		YP/AJ	Ok,M
31	Q3502-04	PARTS-CLEANER	PO114827.D	31 Oct 2025 20:09		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO114828.D	31 Oct 2025 21:12		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO114829.D	31 Oct 2025 22:07		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO114830.D	31 Oct 2025 22:24		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO114831.D	31 Oct 2025 22:43		YP/AJ	Ok
36	I.BLK	I.BLK	PO114832.D	31 Oct 2025 23:00		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YP\AJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP076241.D	31 Oct 2025 09:26		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076242.D	31 Oct 2025 09:43	AR1260-04 high in second column	YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076243.D	31 Oct 2025 09:59		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076244.D	31 Oct 2025 10:15		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076245.D	31 Oct 2025 10:32		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076246.D	31 Oct 2025 10:48		YP\AJ	Ok
7	Q3482-04	WC-4	PP076247.D	31 Oct 2025 11:09		YP\AJ	Ok,M
8	Q3500-01	459	PP076248.D	31 Oct 2025 13:21	TCMX high in 2nd column ,	YP\AJ	Ok,M
9	Q3501-01	461	PP076249.D	31 Oct 2025 13:38	DCB low in 2nd and high in 1st column , TCMX low in 2nd column	YP\AJ	Not Ok
10	Q3502-01	CATCH-CAN-USED-OI	PP076250.D	31 Oct 2025 13:54		YP\AJ	Ok,M
11	Q3503-01	322	PP076251.D	31 Oct 2025 14:10		YP\AJ	Ok,M
12	Q3503-03	323	PP076252.D	31 Oct 2025 14:26	DCB Low in 2nd column , AR1260 Hit	YP\AJ	Ok,M
13	Q3503-05	324	PP076253.D	31 Oct 2025 14:43		YP\AJ	Ok,M
14	Q3505-02	10-10-25-PLASTIC	PP076254.D	31 Oct 2025 14:59	DCB Low in 2nd column	YP\AJ	Ok,M
15	Q3505-03	10-17-25-RAGS	PP076255.D	31 Oct 2025 15:15		YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP076256.D	31 Oct 2025 16:04		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP076257.D	31 Oct 2025 16:20		YP\AJ	Ok,M

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1248CCC500	AR1248CCC500	PP076258.D	31 Oct 2025 16:37		YP\AJ	Ok,M
19	AR1254CCC500	AR1254CCC500	PP076259.D	31 Oct 2025 16:53		YP\AJ	Ok,M
20	I.BLK	I.BLK	PP076260.D	31 Oct 2025 17:09		YP\AJ	Ok
21	PB170347BL	PB170347BL	PP076261.D	31 Oct 2025 17:26		YP\AJ	Ok
22	PB170347BS	PB170347BS	PP076262.D	31 Oct 2025 17:42		YP\AJ	Ok,M
23	PB170347BSD	PB170347BSD	PP076263.D	31 Oct 2025 17:58		YP\AJ	Ok,M
24	Q3484-01	TRE-25-0118	PP076264.D	31 Oct 2025 18:14	AR1254 hit	YP\AJ	Ok,M
25	Q3492-01	252611	PP076265.D	31 Oct 2025 18:31		YP\AJ	Ok,M
26	Q3495-03	TW-1025-1	PP076266.D	31 Oct 2025 18:47		YP\AJ	Ok,M
27	Q3500-02	462	PP076267.D	31 Oct 2025 19:03	AR1248+1260 Hit	YP\AJ	Ok,M
28	Q3500-03	463	PP076268.D	31 Oct 2025 19:19	AR1248+1260 Hit	YP\AJ	Ok,M
29	Q3500-04	465	PP076269.D	31 Oct 2025 19:36	DCB Low in 2nd column	YP\AJ	Ok,M
30	Q3503-07	320	PP076270.D	31 Oct 2025 19:52	DCB low and TCMX high in 2nd column	YP\AJ	ReRun
31	AR1660CCC500	AR1660CCC500	PP076271.D	31 Oct 2025 20:57		YP\AJ	Ok
32	AR1242CCC500	AR1242CCC500	PP076272.D	31 Oct 2025 21:46	TCMX high in 2nd column	YP\AJ	Ok,M
33	AR1248CCC500	AR1248CCC500	PP076273.D	31 Oct 2025 22:02		YP\AJ	Ok,M
34	AR1254CCC500	AR1254CCC500	PP076274.D	31 Oct 2025 22:18		YP\AJ	Ok,M
35	I.BLK	I.BLK	PP076275.D	31 Oct 2025 22:34		YP\AJ	Ok
36	PB170358BL	PB170358BL	PP076276.D	31 Oct 2025 22:51		YP\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103125

Review By	rahul	Review On	11/3/2025 8:18:24 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:49:19 AM		
SubDirectory	PP103125	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	PB170358BS	PB170358BS	PP076277.D	31 Oct 2025 23:07		YP\AJ	Ok,M
38	Q3437-15	SS-32(0-0.5)	PP076278.D	31 Oct 2025 23:23	AR1254 Hit	YP\AJ	Ok,M
39	Q3450-04	SS-10R-(3.5-4.0)	PP076279.D	31 Oct 2025 23:40		YP\AJ	Ok,M
40	Q3450-04MS	SS-10R-(3.5-4.0)MS	PP076280.D	31 Oct 2025 23:56		YP\AJ	Ok,M
41	Q3450-04MSD	SS-10R-(3.5-4.0)MSD	PP076281.D	01 Nov 2025 00:12		YP\AJ	Ok,M
42	Q3450-05	SS-13R-(3.5-4.0)	PP076282.D	01 Nov 2025 00:28		YP\AJ	Ok
43	Q3450-06	SS-13R-(5.0-5.5)	PP076283.D	01 Nov 2025 00:45		YP\AJ	Ok,M
44	Q3450-23	SS-22-(0.0-0.5)	PP076284.D	01 Nov 2025 01:01	AR1254 Hit , Need 5x dilution	YP\AJ	Dilution
45	Q3450-25	SS-22-(3.5-4.0)	PP076285.D	01 Nov 2025 01:17	AR1254 Hit	YP\AJ	Ok,M
46	AR1660CCC500	AR1660CCC500	PP076286.D	01 Nov 2025 02:22		YP\AJ	Ok,M
47	AR1242CCC500	AR1242CCC500	PP076287.D	01 Nov 2025 03:11	TCMX high in 2nd column	YP\AJ	Ok,M
48	AR1248CCC500	AR1248CCC500	PP076288.D	01 Nov 2025 03:28	TCMX high in 2nd column	YP\AJ	Ok,M
49	AR1254CCC500	AR1254CCC500	PP076289.D	01 Nov 2025 03:44	TCMX high in 2nd column	YP\AJ	Ok,M
50	I.BLK	I.BLK	PP076290.D	01 Nov 2025 04:00		YP\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170339

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	08:27
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	11:40
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721. Q3500-01,Q3501-01,Q3502-01,Q3503-01,05 & Q3505-02,03 used Limited volume as samples are oil & Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS (Ext lab)	PP-PEST/PCB.
11:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170339

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g// mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170339BL	ABLK339	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170339BS	ALCS339	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3495-02	SB-1025-2	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q3495-02MS	SB-1025-2MS	PCB	30.09	N/A	ritesh	Evelyn	10	E		4
Q3495-02MSD	SB-1025-2MSD	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q3496-01	DRILL-CUTTINGS	PCB	30.04	N/A	ritesh	Evelyn	10	E		6
Q3497-01	OK-01-103025	PCB	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q3499-01	RBR251235	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q3500-01	459	PCB	1.02	N/A	ritesh	Evelyn	10		Oil	
Q3501-01	461	PCB	5.03	N/A	ritesh	Evelyn	10	E	Oily Debris	3
Q3502-01	CATCH-CAN-USED-OIL	PCB	1.05	N/A	ritesh	Evelyn	10		Oil	
Q3503-01	322	PCB	5.06	N/A	ritesh	Evelyn	10	E	Oily Debris	4
Q3503-03	323	PCB	30.03	N/A	ritesh	Evelyn	10	E	Small Particles	5
Q3503-05	324	PCB	5.04	N/A	ritesh	Evelyn	10	E	Oily Debris	6
Q3504-01	72-11986	PCB	30.07	N/A	ritesh	Evelyn	10	E		U3-1
Q3505-01	10-10-25-SOIL	PCB	30.03	N/A	ritesh	Evelyn	10	B		2
Q3505-02	10-10-25-PLASTIC	PCB	5.02	N/A	ritesh	Evelyn	10	E	Oily Debris	3
Q3505-03	10-17-25-RAGS	PCB	5.08	N/A	ritesh	Evelyn	10	E	Oily Debris	4

RS 10/31

* **Extracts relinquished on the same date as received.**

Q3495 Q3337 8:27

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3495 **WorkList ID :** 192804 **Department :** Extraction **Date :** 10-31-2025 08:22:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-02	SB-1025-2	Solid	PCB	Cool 4 deg C	REMI02	D51	10/27/2025	8082A
Q3496-01	DRILL-CUTTINGS	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3497-01	OK-01-103025	Solid	PCB	Cool 4 deg C	PSEG05	D41	10/30/2025	8082A
Q3499-01	RBR251235	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3500-01	459	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3501-01	461	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3502-01	CATCH-CAN-USED-OIL	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3503-01	322	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3503-03	323	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3503-05	324	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3504-01	72-11986	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-01	10-10-25-SOIL	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-02	10-10-25-PLASTIC	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-03	10-17-25-RAGS	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A

683 of 950

Date/Time 10/31/25 8:22
Raw Sample Received by: RJ (EZE-Lab)
Raw Sample Relinquished by: [illegible] (CSC)

Date/Time 10/31/25 8:50
Raw Sample Received by: [illegible] (CSC)
Raw Sample Relinquished by: RJ (EZE-Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170347

SOP ID:	M3510C,3580A-Extraction PCB-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/31/2025
Matrix :	Water			**Extraction Start Time :**	08:45
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	10/31/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2652
Hexane	N/A	E3981
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot# 03-40BTS721. Q3500-04 & Q3503-07 used Limited volume as samples are oily.

KD Bath ID:	WATER BATH-1	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25	RS (Ext lab)	T.P. Pest HPLC
13:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170347

Analytical Method: M3510C,3580A-Extraction PCB-15 **Concentration Date:** 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170347BL	ABLK347	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB170347BS	ALCS347	PCB	1000	6	RUPESH	ritesh	10			2
PB170347BSD	ALCSD347	PCB	1000	6	RUPESH	ritesh	10			3
Q3484-01	TRE-25-0118	PCB	990	6	RUPESH	ritesh	10	C		4
Q3492-01	252611	PCB	1000	6	RUPESH	ritesh	10	C		5
Q3495-03	TW-1025-1	PCB	980	6	RUPESH	ritesh	10	F		6
Q3496-03	PURGE-WATER	PCB	1000	6	RUPESH	ritesh	10	C		7
Q3500-02	462	PCB	970	9	RUPESH	ritesh	10	E		8
Q3500-03	463	PCB	1000	6	RUPESH	ritesh	10	E		9
Q3500-04	465	PCB	100	6	RUPESH	ritesh	10	C	Oil	10
Q3500-05	461-LIQUID	PCB	990	6	RUPESH	ritesh	10	E		11
Q3503-07	320	PCB	100	6	RUPESH	ritesh	10	B	Oil	13
Q3505-04	10-10-25-WATER	PCB	950	6	RUPESH	ritesh	10	E		14
Q3505-05	10-16-25-WATER	PCB	1000	10	RUPESH	ritesh	10	E		15
Q3505-06	10-17-25-WATER	PCB	990	11	RUPESH	ritesh	10	E		16

RS 10/31

* **Extracts relinquished on the same date as received.**

Q3495 10347 8:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3492 **WorkList ID :** 192820 **Department :** Extraction **Date :** 10-31-2025 08:38:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3484-01	TRE-25-0118	Water	PCB	Cool 4 deg C	PSEG03	D41	10/29/2025	8082A
Q3492-01	252611	Water	PCB	Cool 4 deg C	PSEG03	D31	10/29/2025	8082A
Q3495-03	TW-1025-1	Water	PCB	Cool 4 deg C	REMI02	D51	10/27/2025	8082A
Q3496-03	PURGE-WATER	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3500-02	462	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3500-03	463	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3500-04	465	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3500-05	461-LIQUID	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3503-07	320	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-04	10-10-25-WATER	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-05	10-16-25-WATER	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A
Q3505-06	10-17-25-WATER	Water	PCB	Cool 4 deg C	PSEG03	D41	10/30/2025	8082A

686 of 950

Date/Time 10/31/25 8:40
Raw Sample Received by: RS (Ext lab)
Raw Sample Relinquished by: JD CSM

Date/Time 10/31/25 9:20
Raw Sample Received by: JD CSM
Raw Sample Relinquished by: RS (Ext lab)

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	
Q3495-03	**TW-1025-1**	**WATER**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	

SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2			SDG No.:	Q3495
Lab Sample ID:	Q3495-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	4.37		1	1.57	2.66	mg/kg	FE056612.D	10/31/25 15:59	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	1.21	U	1	1.21	5.32	mg/kg	FE056612.D	10/31/25 15:59	PB170341
Total AliphaticEPH	Total AliphaticEPH	4.37	J		2.78	7.98	mg/kg			
Total EPH	Total EPH	4.37	J		2.78	7.98	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	10/27/25
Project:	Maclearie Park			Date Received:	10/29/25
Client Sample ID:	SB-1025-2			SDG No.:	Q3495
Lab Sample ID:	Q3495-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	1.21	U	1	1.21	5.32	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	4.37		1	1.57	2.66	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	35.3			40 - 140	70%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3495-02	Acq On:	31 Oct 2025 15:59
Client Sample ID:	SB-1025-2	Operator:	YP\AJ
Data file:	FE056612.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.227	6.853	124407	0.727	300	ug/ml
Aliphatic C12-C16	6.854	10.303	999881	5.594	200	ug/ml
Aliphatic C16-C21	10.304	13.679	911011	4.885	300	ug/ml
Aliphatic C21-C28	13.680	17.352	1318375	6.839	400	ug/ml
Aliphatic C28-C40	17.353	22.305	7857893	49.323	600	ug/ml
Aliphatic EPH	3.227	22.305	11211567	67.367		ug/ml
ortho-Terphenyl (SURR)	11.973	11.973	7363199	35.25		ug/ml
1-chlorooctadecane (SURR)	13.411	13.411	5973259	37.07		ug/ml
Aliphatic C9-C28	3.227	17.352	3353674	18.045	1200	ug/ml

QC SUMMARY

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Run Number: FC103125AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB170341BL	95	92		0
PB170341BS	92	88		0
PB170341BSD	84	81		0
DRILL-CUTTINGSMS	68	61		0
DRILL-CUTTINGSMSD	68	61		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG No.: Q3495

Run Number: FE103125AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
SB-1025-2	74	70		0

	QC LIMITS
1-chlorooctadecane (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3495

Sample No : Q3496-01MS **Datafile:** FC070110.D **Client ID :** DRILL-CUTTINGSMS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	34.8	6.61	45.0	110		(40-140)
Aliphatic C9-C28	116.1	1.96	73.8	62		(40-140)

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
n-Nonane (C9)	3.9	0.0052	1.8555	47		(40-140)
n-Decane (C10)	3.9	0.0119	4.5821	117		(40-140)
Naphthalene (C11.7)	3.9	0.0122	2.5982	66		(40-140)
n-Dodecane (C12)	3.9	0.0087	2.4753	63		(40-140)
2-methylnaphthalene (C12.89)	3.9	0.0095	2.5609	65		(40-140)
n-Tetradecane (C14)	3.9	0.0120	2.6439	67		(40-140)
n-Hexadecane (C16)	3.9	0.0122	2.6209	67		(40-140)
n-Octadecane (C18)	3.9	0.0099	2.6055	67		(40-140)
n-Eicosane (C20)	3.9	0.0104	2.7282	70		(40-140)
n-Heneicosane (C21)	3.9	0.0099	2.7602	71		(40-140)
n-Docosane (C22)	3.9	0.0220	2.7239	69		(40-140)
n-Tetracosane (C24)	7.7	0.0785	5.3655	69		(40-140)
n-Hexacosane (C26)	3.9	0.0350	2.6529	67		(40-140)
n-Octacosane (C28)	3.9	0.0545	2.7121	68		(40-140)
n-Tricontane (C30)	3.9	0.0608	2.6099	65		(40-140)
n-Dotriacontane (C32)	3.9	0.0860	2.7771	69		(40-140)
n-Tetratriacontane (C34)	3.9	0.1503	3.3946	83		(40-140)
n-Hexatriacontane (C36)	3.9	0.3048	3.8750	92		(40-140)
n-Octatriacontane (C38)	3.9	0.3442	4.2578	100		(40-140)
n-Tetracontane (C40)	3.9	0.1141	4.4140	110		(40-140)

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SOLID EPH_NF MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3495

Sample No : Q3496-01MSD **Datafile:** FC070111.D **Client ID :** DRILL-CUTTINGSMSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	34.8	6.61	44.9	110		0 |	(40-140)	50
Aliphatic C9-C28	115.9	1.96	73.0	61		1 |	(40-140)	50

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
n-Nonane (C9)	3.9	0.0052	1.8237	47		0 |	(40-140)	50
n-Decane (C10)	3.9	0.0119	4.5035	115		1.72 |	(40-140)	50
Naphthalene (C11.7)	3.9	0.0122	2.5636	65		1.53 |	(40-140)	50
n-Dodecane (C12)	3.9	0.0087	2.4402	62		1.6 |	(40-140)	50
2-methylnaphthalene (C12.89)	3.9	0.0095	2.5344	65		0 |	(40-140)	50
n-Tetradecane (C14)	3.9	0.0120	2.6184	67		0 |	(40-140)	50
n-Hexadecane (C16)	3.9	0.0122	2.6019	66		1.5 |	(40-140)	50
n-Octadecane (C18)	3.9	0.0099	2.5841	66		1.5 |	(40-140)	50
n-Eicosane (C20)	3.9	0.0104	2.7025	69		1.44 |	(40-140)	50
n-Heneicosane (C21)	3.9	0.0099	2.7322	70		1.42 |	(40-140)	50
n-Docosane (C22)	3.9	0.0220	2.6877	68		1.46 |	(40-140)	50
n-Tetracosane (C24)	7.7	0.0785	5.2836	68		1.46 |	(40-140)	50
n-Hexacosane (C26)	3.9	0.0350	2.6077	66		1.5 |	(40-140)	50
n-Octacosane (C28)	3.9	0.0545	2.6650	67		1.48 |	(40-140)	50
n-Tricontane (C30)	3.9	0.0608	2.5695	64		1.55 |	(40-140)	50
n-Dotriacontane (C32)	3.9	0.0860	2.7379	68		1.46 |	(40-140)	50
n-Tetratriacontane (C34)	3.9	0.1503	3.3140	81		2.44 |	(40-140)	50
n-Hexatriacontane (C36)	3.9	0.3048	3.9471	93		1.08 |	(40-140)	50
n-Octatriacontane (C38)	3.9	0.3442	4.7866	114		13.08 |	(40-140)	50
n-Tetracontane (C40)	3.9	0.1141	4.6540	116		5.31 |	(40-140)	50

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3495

Sample No : PB170341BS **Datafile:** FC070106.D **Client ID :** PB170341BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C28-C40	30.0	33.0	110		(40-140)
Aliphatic C9-C28	99.9	79.8	80		(40-140)

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS(%)
n-Nonane (C9)	3.3	2.61071	79		(40-140)
n-Decane (C10)	3.3	2.75185	83		(40-140)
Naphthalene (C11.7)	3.3	2.97523	90		(40-140)
n-Dodecane (C12)	3.3	2.88421	87		(40-140)
2-methylnaphthalene (C12.89)	3.3	2.90205	88		(40-140)
n-Tetradecane (C14)	3.3	3.02359	92		(40-140)
n-Hexadecane (C16)	3.3	3.02879	92		(40-140)
n-Octadecane (C18)	3.3	3.01072	91		(40-140)
n-Eicosane (C20)	3.3	3.20602	97		(40-140)
n-Heneicosane (C21)	3.3	3.16002	96		(40-140)
n-Docosane (C22)	3.3	3.11002	94		(40-140)
n-Tetracosane (C24)	6.7	5.76604	86		(40-140)
n-Hexacosane (C26)	3.3	2.97918	90		(40-140)
n-Octacosane (C28)	3.3	2.97640	90		(40-140)
n-Tricontane (C30)	3.3	3.06872	93		(40-140)
n-Dotriacontane (C32)	3.3	3.24459	98		(40-140)
n-Tetratriacontane (C34)	3.3	3.69366	112		(40-140)
n-Hexatriacontane (C36)	3.3	4.06028	123		(40-140)
n-Octatriacontane (C38)	3.3	4.47048	135		(40-140)
n-Tetracontane (C40)	3.3	4.60990	140		(40-140)

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SOLID EPH_NF LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** Remington & Vernick Engineers

Lab Code: ACE **SDG No:** Q3495

Sample No : PB170341BSD **Datafile:** FC070107.D **Client ID :** PB170341BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS (%)	QC Limit Of RPD
Aliphatic C28-C40	30.0	30.3	101		8.4|	(40-140)	25
Aliphatic C9-C28	99.9	73.8	74		7.7|	(40-140)	25

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD |	QC LIMITS(%)	QC Limit Of RPD
n-Nonane (C9)	3.3	2.47327	75		5.19|	(40-140)	25
n-Decane (C10)	3.3	2.58766	78		6.21|	(40-140)	25
Naphthalene (C11.7)	3.3	2.76632	84		6.9|	(40-140)	25
n-Dodecane (C12)	3.3	2.69986	82		5.92|	(40-140)	25
2-methylnaphthalene (C12.89)	3.3	2.69341	82		7.06|	(40-140)	25
n-Tetradecane (C14)	3.3	2.81403	85		7.91|	(40-140)	25
n-Hexadecane (C16)	3.3	2.79930	85		7.91|	(40-140)	25
n-Octadecane (C18)	3.3	2.77072	84		8|	(40-140)	25
n-Eicosane (C20)	3.3	2.93552	89		8.6|	(40-140)	25
n-Heneicosane (C21)	3.3	2.89083	88		8.7|	(40-140)	25
n-Docosane (C22)	3.3	2.84104	86		8.89|	(40-140)	25
n-Tetracosane (C24)	6.7	5.32657	80		7.23|	(40-140)	25
n-Hexacosane (C26)	3.3	2.72483	83		8.09|	(40-140)	25
n-Octacosane (C28)	3.3	2.69894	82		9.3|	(40-140)	25
n-Tricontane (C30)	3.3	2.74223	83		11.36|	(40-140)	25
n-Dotriacontane (C32)	3.3	2.86395	87		11.89|	(40-140)	25
n-Tetratriacontane (C34)	3.3	3.29541	100		11.32|	(40-140)	25
n-Hexatriacontane (C36)	3.3	3.67601	111		10.26|	(40-140)	25
n-Octatriacontane (C38)	3.3	4.11750	125		7.69|	(40-140)	25
n-Tetracontane (C40)	3.3	4.27193	129		8.18|	(40-140)	25

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4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB170341BL

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Instrument ID: FID_C Lab Sample ID: PB170341BL

Matrix: (soil/water) Solid Date Extracted: 10/31/2025 9:05:00

Level: (low/med) low

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

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB170341BS	PB170341BS
PB170341BSD	PB170341BSD
SB-1025-2	Q3495-02
DRILL-CUTTINGSMS	Q3496-01MS
DRILL-CUTTINGSMSD	Q3496-01MSD

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BL			SDG No.:	Q3495
Lab Sample ID:	PB170341BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FC070105.D	10/31/25 16:00	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	FC070105.D	10/31/25 16:00	PB170341
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg			
Total EPH	Total EPH	2.09	U		2.09	6.00	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BL			SDG No.:	Q3495
Lab Sample ID:	PB170341BL			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	4.00	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	47.4			40 - 140	95%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	46.0			40 - 140	92%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170341BL	Acq On:	31 Oct 2025 16:00
Client Sample ID:	PB170341BL	Operator:	YP/AJ
Data file:	FC070105.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.281	6.574	0	0	300	ug/ml
Aliphatic C12-C16	6.575	9.976	0	0	200	ug/ml
Aliphatic C16-C21	9.977	13.346	0	0	300	ug/ml
Aliphatic C21-C28	13.347	17.012	0	0	400	ug/ml
Aliphatic C28-C40	17.013	21.974	0	0	600	ug/ml
Aliphatic EPH	3.281	21.974	0	0		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	8075554	45.99		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	6438971	47.44		ug/ml
Aliphatic C9-C28	3.281	17.012	0	0	1200	ug/ml

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BS			SDG No.:	Q3495
Lab Sample ID:	PB170341BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	33.0		1	1.18	2.00	mg/kg	FC070106.D	10/31/25 16:43	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	79.8		1	0.91	3.99	mg/kg	FC070106.D	10/31/25 16:43	PB170341
Total AliphaticEPH	Total AliphaticEPH	113			2.09	5.99	mg/kg			
Total EPH	Total EPH	113			2.09	5.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BS			SDG No.:	Q3495
Lab Sample ID:	PB170341BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	79.8		1	0.91	3.99	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	33.0		1	1.18	2.00	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	45.9			40 - 140	92%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	43.9			40 - 140	88%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170341BS	Acq On:	31 Oct 2025 16:43
Client Sample ID:	PB170341BS	Operator:	YP/AJ
Data file:	FC070106.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.281	6.574	31673836	218.764	300	ug/ml
Aliphatic C12-C16	6.575	9.976	45277989	276.452	200	ug/ml
Aliphatic C16-C21	9.977	13.346	51190700	316.098	300	ug/ml
Aliphatic C21-C28	13.347	17.012	56760830	385.755	400	ug/ml
Aliphatic C28-C40	17.013	21.974	53348744	495.807	600	ug/ml
Aliphatic EPH	3.281	21.974	238252099	1690		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	7704566	43.87		ug/ml
1-chlorooctadecane (SURR)	13.081	13.081	6227121	45.87		ug/ml
Aliphatic C9-C28	3.281	17.012	184903355	1200	1200	ug/ml

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BSD			SDG No.:	Q3495
Lab Sample ID:	PB170341BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	30.3		1	1.18	2.00	mg/kg	FC070107.D	10/31/25 17:25	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	73.8		1	0.91	3.99	mg/kg	FC070107.D	10/31/25 17:25	PB170341
Total AliphaticEPH	Total AliphaticEPH	104			2.09	5.99	mg/kg			
Total EPH	Total EPH	104			2.09	5.99	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	PB170341BSD			SDG No.:	Q3495
Lab Sample ID:	PB170341BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	73.8		1	0.91	3.99	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	30.3		1	1.18	2.00	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	41.9			40 - 140	84%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	40.3			40 - 140	81%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170341BSD	Acq On:	31 Oct 2025 17:25
Client Sample ID:	PB170341BSD	Operator:	YP/AJ
Data file:	FC070107.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.281	6.574	29726153	205.312	300	ug/ml
Aliphatic C12-C16	6.575	9.976	41888819	255.759	200	ug/ml
Aliphatic C16-C21	9.977	13.346	47025928	290.381	300	ug/ml
Aliphatic C21-C28	13.347	17.012	52627833	357.666	400	ug/ml
Aliphatic C28-C40	17.013	21.974	48968565	455.099	600	ug/ml
Aliphatic EPH	3.281	21.974	220237298	1560		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	7070552	40.26		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	5689537	41.91		ug/ml
Aliphatic C9-C28	3.281	17.012	171268733	1110	1200	ug/ml

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	DRILL-CUTTINGSMS			SDG No.:	Q3495
Lab Sample ID:	Q3496-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.1
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	45.0		1	1.37	2.32	mg/kg	FC070110.D	10/31/25 19:32	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	73.8		1	1.06	4.64	mg/kg	FC070110.D	10/31/25 19:32	PB170341
Total AliphaticEPH	Total AliphaticEPH	119			2.43	6.96	mg/kg			
Total EPH	Total EPH	119			2.43	6.96	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	DRILL-CUTTINGSMS			SDG No.:	Q3495
Lab Sample ID:	Q3496-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.1
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	73.8		1	1.06	4.64	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	45.0		1	1.37	2.32	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	33.9			40 - 140	68%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.7			40 - 140	61%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3496-01MS	Acq On:	31 Oct 2025 19:32
Client Sample ID:	DRILL-CUTTINGSMS	Operator:	YP/AJ
Data file:	FC070110.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.281	6.574	22705990	156.825	300	ug/ml
Aliphatic C12-C16	6.575	9.976	36349413	221.937	200	ug/ml
Aliphatic C16-C21	9.977	13.346	41298706	255.016	300	ug/ml
Aliphatic C21-C28	13.347	17.012	47217075	320.894	400	ug/ml
Aliphatic C28-C40	17.013	21.974	62564795	581.458	600	ug/ml
Aliphatic EPH	3.281	21.974	210135979	1540		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	5385613	30.67		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	4606096	33.93		ug/ml
Aliphatic C9-C28	3.281	17.012	147571184	954.672	1200	ug/ml

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	DRILL-CUTTINGSMSD			SDG No.:	Q3495
Lab Sample ID:	Q3496-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.1
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date :	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	44.9		1	1.37	2.32	mg/kg	FC070111.D	10/31/25 20:14	PB170341
Aliphatic C9-C28	Aliphatic C9-C28	73.0		1	1.05	4.63	mg/kg	FC070111.D	10/31/25 20:14	PB170341
Total AliphaticEPH	Total AliphaticEPH	118			2.42	6.95	mg/kg			
Total EPH	Total EPH	118			2.42	6.95	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	Remington & Vernick Engineers			Date Collected:	
Project:	Maclearie Park			Date Received:	
Client Sample ID:	DRILL-CUTTINGSMSD			SDG No.:	Q3495
Lab Sample ID:	Q3496-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.1
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL	Test:	EPH_NF
Prep Method :		Prep Date	10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	73.0		1	1.05	4.63	mg/kg	10/31/25	PB170341
Aliphatic C28-C40	Aliphatic C28-C40	44.9		1	1.37	2.32	mg/kg	10/31/25	PB170341
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	33.9			40 - 140	68%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.6			40 - 140	61%	SPK: 50		

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3496-01MSD	Acq On:	31 Oct 2025 20:14
Client Sample ID:	DRILL-CUTTINGSMSD	Operator:	YP/AJ
Data file:	FC070111.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.281	6.574	22450930	155.064	300	ug/ml
Aliphatic C12-C16	6.575	9.976	36098613	220.406	200	ug/ml
Aliphatic C16-C21	9.977	13.346	40803750	251.96	300	ug/ml
Aliphatic C21-C28	13.347	17.012	46716646	317.493	400	ug/ml
Aliphatic C28-C40	17.013	21.974	62496105	580.82	600	ug/ml
Aliphatic EPH	3.281	21.974	208566044	1530		ug/ml
ortho-Terphenyl (SURR)	11.643	11.643	5363835	30.55		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	4598862	33.88		ug/ml
Aliphatic C9-C28	3.281	17.012	146069939	944.923	1200	ug/ml

CALIBRATION SUMMARY

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Inital Calibration Report for SequenceID : FC100725AL

AreaCount

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	43171011.000	21250743.000	8161064.000	4428028.000	2320985.000	
Aliphatic C12-C16	33016544.000	16243273.000	6102029.000	3325280.000	1725815.000	
Aliphatic C16-C21	48108317.000	24065038.000	8973438.000	4960785.000	2610241.000	
Aliphatic C21-C28	55364172.000	28241357.000	10328099.000	6018987.000	3530371.000	
Aliphatic C28-C40	59763237.000	30083253.000	11204955.000	6723680.000	3980409.000	
Aliphatic EPH	239423281.000	119883664.000	44769585.000	25456760.000	14167821.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	144785.1979998	4.813				
Aliphatic C12-C16	163782.335	4.458				
Aliphatic C16-C21	161945.5019996	5.485				
Aliphatic C21-C28	147142.3355	12.304				
Aliphatic C28-C40	107599.8326666	14.464				
Aliphatic EPH	137884.7282218	9.049				

Concentration

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FC069937.D	FC069938.D	FC069939.D	FC069940.D	FC069941.D	
Aliphatic C9-C12	143903.370000	141671.620000	136017.733333	147600.933333	154732.333333	
Aliphatic C12-C16	165082.720000	162432.730000	152550.725000	166264.000000	172581.500000	
Aliphatic C16-C21	160361.056666	160433.586666	149557.300000	165359.500000	174016.066666	

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Inital Calibration Report for SequenceID : FC100725AL

Aliphatic C21-C28	138410.430000	141206.785000	129101.237500	150474.675000	176518.550000	
Aliphatic C28-C40	99605.395000	100277.510000	93374.625000	112061.333333	132680.300000	
Aliphatic EPH	133012.933888	133204.071111	124359.958333	141426.444444	157420.233333	

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Inital Calibration Report for SequenceID : FE103025AL

AreaCount

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	47378340.000	25372826.000	10134874.000	5323968.000	2735296.000	
Aliphatic C12-C16	32958436.000	17867364.000	7039199.000	3707774.000	1889371.000	
Aliphatic C16-C21	50634896.000	27807189.000	10962966.000	5844076.000	3012669.000	
Aliphatic C21-C28	65391355.000	36849784.000	14322959.000	8150425.000	4666116.000	
Aliphatic C28-C40	76863576.000	43549713.000	17723612.000	10141838.000	6197225.000	
Aliphatic EPH	273226603.000	151446876.000	60183610.000	33168081.000	18500677.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	171162.641333	5.459				
Aliphatic C12-C16	178754.319	5.236				
Aliphatic C16-C21	186505.4959998	6.59				
Aliphatic C21-C28	192766.144	13.927				
Aliphatic C28-C40	159314.647333	18.927				
Aliphatic EPH	175414.750555	11.628				

Concentration

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE056575.D	FE056576.D	FE056577.D	FE056578.D	FE056579.D	
Aliphatic C9-C12	157927.800000	169152.173333	168914.566666	177465.600000	182353.066666	
Aliphatic C12-C16	164792.180000	178673.640000	175979.975000	185388.700000	188937.100000	
Aliphatic C16-C21	168782.986666	185381.260000	182716.100000	194802.533333	200844.600000	

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Inital Calibration Report for SequenceID : FE103025AL

Aliphatic C21-C28	163478.387500	184248.920000	179036.987500	203760.625000	233305.800000	
Aliphatic C28-C40	128105.960000	145165.710000	147696.766666	169030.633333	206574.166666	
Aliphatic EPH	151792.557222	168274.306666	167176.694444	184267.116666	205563.077777	

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Continuing Calibration Report for SequenceID : FC103125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC070104.D**						
Aliphatic C9-C12	8770301.000	60.000	3.281	6.574	146171.683	144785.198	-0.958
Aliphatic C12-C16	6495222.000	40.000	6.575	9.976	162380.550	163782.335	0.856
Aliphatic C16-C21	9605434.000	60.000	9.977	13.346	160090.567	161945.502	1.145
Aliphatic C21-C28	11040604.000	80.000	13.347	17.012	138007.550	147142.336	6.208
Aliphatic C28-C40	11953969.000	120.000	17.013	21.974	99616.408	107599.833	7.420
Aliphatic EPH	47865530.000	360.000	3.281	21.974	132959.806	137884.728	3.572

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Oct 2025 15:17
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070104.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.281	6.574	8770301.000	60.000	ug/ml
Aliphatic C12-C16	6.575	9.976	6495222.000	40.000	ug/ml
Aliphatic C16-C21	9.977	13.346	9605434.000	60.000	ug/ml
Aliphatic C21-C28	13.347	17.012	11040604.000	80.000	ug/ml
Aliphatic C28-C40	17.013	21.974	11953969.000	120.000	ug/ml
Aliphatic EPH	3.281	21.974	47865530.000	360.000	ug/ml

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Continuing Calibration Report for SequenceID : FC103125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FC070113.D**						
Aliphatic C9-C12	7580853.000	60.000	3.281	6.574	126347.550	144785.198	12.734
Aliphatic C12-C16	5703629.000	40.000	6.575	9.976	142590.725	163782.335	12.939
Aliphatic C16-C21	8498697.000	60.000	9.977	13.346	141644.950	161945.502	12.535
Aliphatic C21-C28	10333032.000	80.000	13.347	17.012	129162.900	147142.336	12.219
Aliphatic C28-C40	13191170.000	120.000	17.013	21.974	109926.417	107599.833	-2.162
Aliphatic EPH	45307381.000	360.000	3.281	21.974	125853.836	137884.728	8.725

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Oct 2025 22:21
Client Sample ID:		Operator:	YP/AJ
Data file:	FC070113.D	Misc:	
Instrument:	FID_C	ALS Vial:	2
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.281	6.574	7580853.000	60.000	ug/ml
Aliphatic C12-C16	6.575	9.976	5703629.000	40.000	ug/ml
Aliphatic C16-C21	9.977	13.346	8498697.000	60.000	ug/ml
Aliphatic C21-C28	13.347	17.012	10333032.000	80.000	ug/ml
Aliphatic C28-C40	17.013	21.974	13191170.000	120.000	ug/ml
Aliphatic EPH	3.281	21.974	45307381.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE103125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE056611.D**						
Aliphatic C9-C12	9629117.000	60.000	3.227	6.853	160485.283	171162.641	6.238
Aliphatic C12-C16	6897912.000	40.000	6.854	10.303	172447.800	178754.319	3.528
Aliphatic C16-C21	10623622.000	60.000	10.304	13.679	177060.367	186505.496	5.064
Aliphatic C21-C28	13373897.000	80.000	13.680	17.352	167173.713	192766.144	13.276
Aliphatic C28-C40	16435157.000	120.000	17.353	22.305	136959.642	159314.647	14.032
Aliphatic EPH	56959705.000	360.000	3.227	22.305	158221.403	175414.751	9.802

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Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Oct 2025 14:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056611.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.227	6.853	9629117.000	60.000	ug/ml
Aliphatic C12-C16	6.854	10.303	6897912.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.679	10623622.000	60.000	ug/ml
Aliphatic C21-C28	13.680	17.352	13373897.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.305	16435157.000	120.000	ug/ml
Aliphatic EPH	3.227	22.305	56959705.000	360.000	ug/ml

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Fax : 908 789 8922

Continuing Calibration Report for SequenceID : FE103125AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
File ID :	**FE056623.D**						
Aliphatic C9-C12	9837178.000	60.000	3.227	6.853	163952.967	171162.641	4.212
Aliphatic C12-C16	6836294.000	40.000	6.854	10.303	170907.350	178754.319	4.390
Aliphatic C16-C21	10453496.000	60.000	10.304	13.679	174224.933	186505.496	6.585
Aliphatic C21-C28	13509093.000	80.000	13.680	17.352	168863.663	192766.144	12.400
Aliphatic C28-C40	15913926.000	120.000	17.353	22.305	132616.050	159314.647	16.758
Aliphatic EPH	56549987.000	360.000	3.227	22.305	157083.297	175414.751	10.450

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Fax : 908 789 8922

Lab Sample ID:	20 PPM ALIPHATIC HC S	Acq On:	31 Oct 2025 22:33
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056623.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.227	6.853	9837178.000	60.000	ug/ml
Aliphatic C12-C16	6.854	10.303	6836294.000	40.000	ug/ml
Aliphatic C16-C21	10.304	13.679	10453496.000	60.000	ug/ml
Aliphatic C21-C28	13.680	17.352	13509093.000	80.000	ug/ml
Aliphatic C28-C40	17.353	22.305	15913926.000	120.000	ug/ml
Aliphatic EPH	3.227	22.305	56549987.000	360.000	ug/ml

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
Data File : FE056612.D
Signal(s) : FID1B.ch
Acq On : 31 Oct 2025 15:59
Operator : YP\AJ
Sample : Q3495-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1025-2

Integration File: autoint1.e
Quant Time: Oct 31 23:15:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.973	7363199	35.245 ug/ml
Spiked Amount 50.000		Recovery =	70.49%
12) S 1-chlorooctadecane (S...	13.411	5973259	37.074 ug/ml
Spiked Amount 50.000		Recovery =	74.15%
Target Compounds			

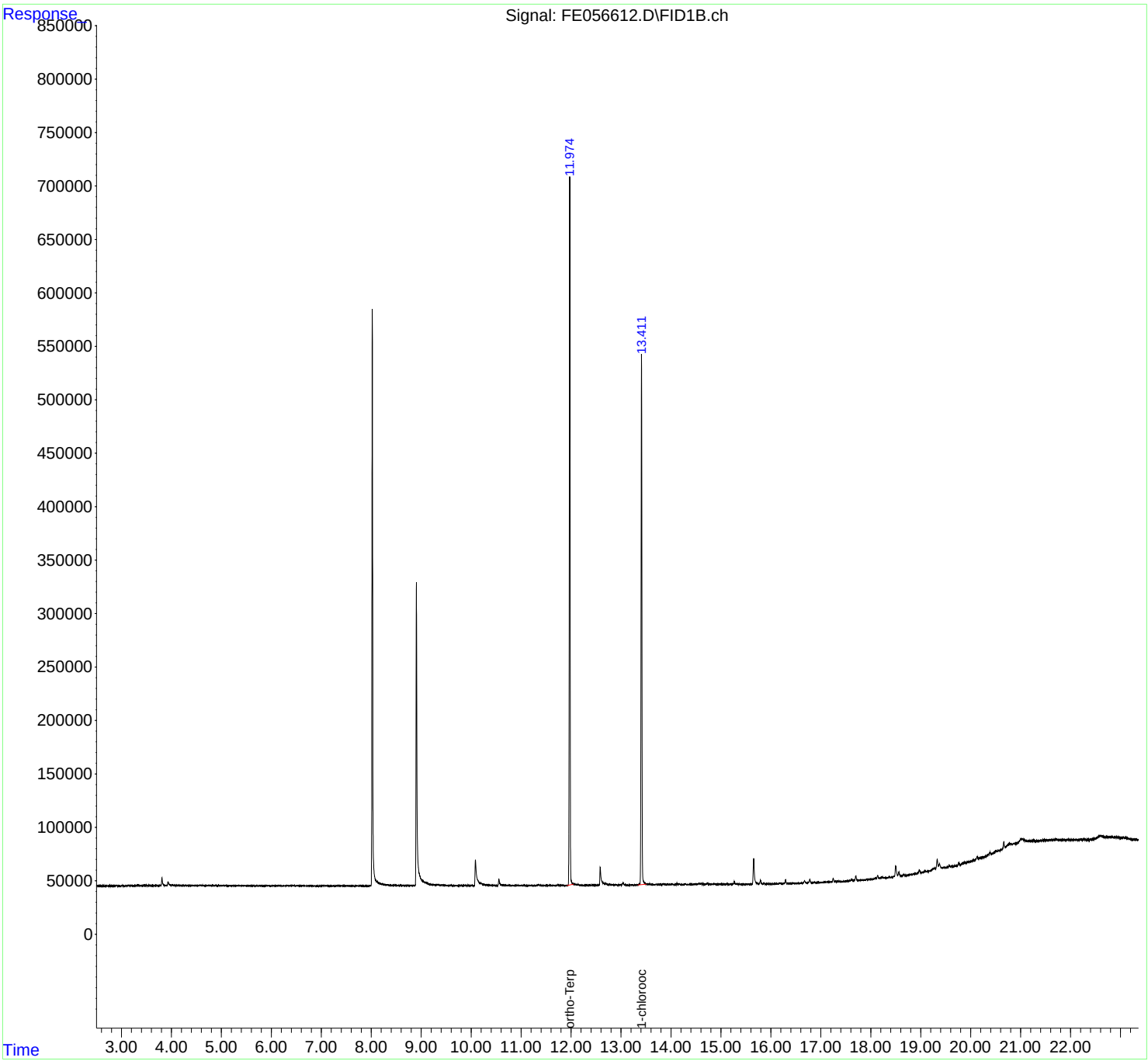
(f)=RT Delta > 1/2 Window (m)=manual int.

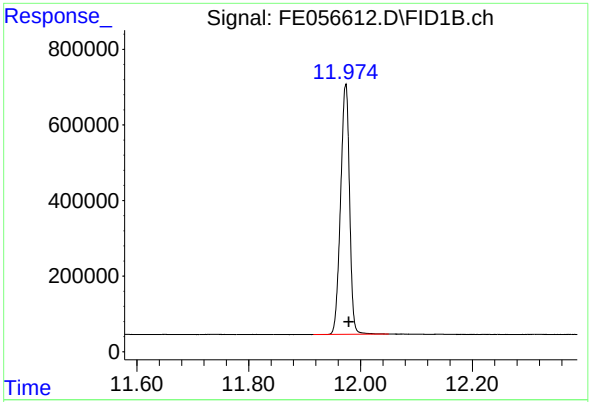
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
Data File : FE056612.D
Signal(s) : FID1B.ch
Acq On : 31 Oct 2025 15:59
Operator : YP\AJ
Sample : Q3495-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
SB-1025-2

Integration File: autoint1.e
Quant Time: Oct 31 23:15:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

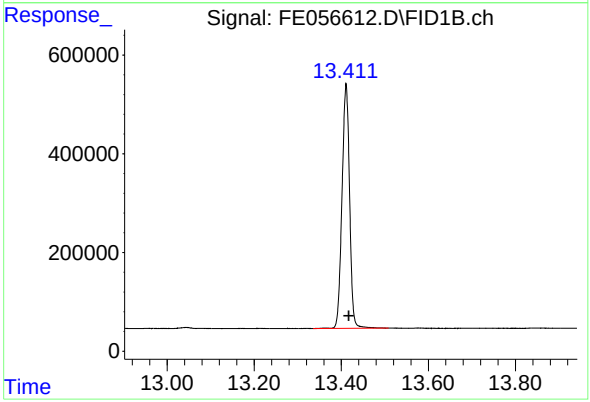




#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.006 min
Response: 7363199
Conc: 35.25 ug/ml

Instrument :
FID_E
ClientSampleId :
SB-1025-2



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 5973259
Conc: 37.07 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
Data File : FE056612.D
Signal(s) : FID1B.ch
Acq On : 31 Oct 2025 15:59
Sample : Q3495-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.124	5.110	5.138	PV	30	337	0.00%	0.001%
2	5.165	5.138	5.182	PV	85	1179	0.02%	0.005%
3	5.192	5.182	5.208	VV	82	898	0.01%	0.004%
4	5.249	5.208	5.275	PV	205	4362	0.06%	0.018%
5	5.288	5.275	5.309	VV	143	1914	0.03%	0.008%
6	5.331	5.309	5.345	VV	143	2094	0.03%	0.008%
7	5.359	5.345	5.377	PV	120	1358	0.02%	0.005%
8	5.396	5.377	5.449	VV	137	3501	0.05%	0.014%
9	5.459	5.449	5.506	VV	113	2314	0.03%	0.009%
10	5.522	5.506	5.547	VV	168	1480	0.02%	0.006%
11	5.559	5.547	5.588	VV	131	2196	0.03%	0.009%
12	5.609	5.588	5.698	VV	119	3996	0.05%	0.016%
13	5.719	5.698	5.758	VV	396	5334	0.07%	0.022%
14	5.766	5.758	5.784	VV	105	744	0.01%	0.003%
15	5.802	5.784	5.958	PV	73	7206	0.10%	0.029%
16	6.030	5.958	6.078	VV	155	6191	0.08%	0.025%
17	6.122	6.078	6.171	VV	155	7479	0.10%	0.030%
18	6.187	6.171	6.241	VV	111	3809	0.05%	0.015%
19	6.339	6.241	6.437	VV	309	23223	0.31%	0.094%
20	6.461	6.437	6.508	VV	472	11916	0.16%	0.048%
21	6.538	6.508	6.603	VV	257	11685	0.16%	0.047%
22	6.624	6.603	6.638	VV	206	4063	0.05%	0.016%
23	6.656	6.638	6.738	VV	275	9549	0.13%	0.039%
24	6.751	6.738	6.882	VV	167	7579	0.10%	0.031%
25	6.900	6.882	6.922	VV	129	1281	0.02%	0.005%
26	7.022	6.922	7.189	PV	198	17028	0.23%	0.069%
27	7.331	7.189	7.350	PV	198	10510	0.14%	0.042%
28	7.368	7.350	7.392	VV	183	3116	0.04%	0.013%
29	7.433	7.392	7.474	VV	165	6163	0.08%	0.025%
30	7.485	7.474	7.504	VV	173	2498	0.03%	0.010%
31	7.542	7.504	7.571	VV	181	4989	0.07%	0.020%

rteres

32	7.600	7.571	7.638	VV	207	3747	0.05%	0.015%
33	7.645	7.638	7.681	VV	140	1626	0.02%	0.007%
34	7.698	7.681	7.746	VV	76	2330	0.03%	0.009%
35	7.764	7.746	7.788	VV	62	1086	0.01%	0.004%
36	7.829	7.788	7.890	PV	90	2416	0.03%	0.010%
37	7.914	7.890	7.936	VV	69	1124	0.02%	0.005%
38	8.492	8.454	8.544	VV	557	27487	0.37%	0.111%
39	8.586	8.544	8.617	VV	618	21233	0.28%	0.086%
40	8.634	8.617	8.672	VV	488	11669	0.16%	0.047%
41	8.726	8.672	8.788	VV	416	18591	0.25%	0.075%
42	9.331	9.311	9.391	VV	1010	36995	0.50%	0.150%
43	9.416	9.391	9.551	VV	740	44073	0.59%	0.178%
44	9.604	9.551	9.644	VV	545	17595	0.24%	0.071%
45	9.658	9.644	9.694	VV	243	5847	0.08%	0.024%
46	9.707	9.694	9.740	VV	178	3851	0.05%	0.016%
47	9.834	9.740	9.854	VV	398	14380	0.19%	0.058%
48	9.890	9.854	10.014	VV	374	23976	0.32%	0.097%
49	10.038	10.014	10.054	VV	393	5266	0.07%	0.021%
50	10.088	10.054	10.513	VV	23237	711004	9.53%	2.875%
51	10.558	10.513	10.643	VV	6175	116055	1.55%	0.469%
52	10.665	10.643	10.714	VV	536	17792	0.24%	0.072%
53	10.727	10.714	10.808	VV	410	14971	0.20%	0.061%
54	10.837	10.808	10.894	VV	273	11606	0.16%	0.047%
55	10.915	10.894	10.983	VV	417	15199	0.20%	0.061%
56	11.014	10.983	11.038	VV	280	7124	0.10%	0.029%
57	11.055	11.038	11.123	VV	282	9564	0.13%	0.039%
58	11.194	11.123	11.239	VV	256	11506	0.15%	0.047%
59	11.351	11.239	11.458	VV	1034	42338	0.57%	0.171%
60	11.470	11.458	11.519	VV	225	5089	0.07%	0.021%
61	11.579	11.519	11.611	VV	573	12715	0.17%	0.051%
62	11.649	11.611	11.684	VV	425	9277	0.12%	0.038%
63	11.738	11.684	11.781	VV	511	13861	0.19%	0.056%
64	11.815	11.781	11.832	VV	345	5632	0.08%	0.023%
65	11.847	11.832	11.877	VV	297	3800	0.05%	0.015%
66	11.894	11.877	11.918	PV	64	1069	0.01%	0.004%
67	11.973	11.918	12.122	VV	658148	7463426	100.00%	30.176%
68	12.141	12.122	12.274	VV	969	32388	0.43%	0.131%
69	12.315	12.274	12.344	VV	335	8737	0.12%	0.035%
70	12.375	12.344	12.392	VV	204	4216	0.06%	0.017%
71	12.421	12.392	12.458	VV	547	10618	0.14%	0.043%
72	12.477	12.458	12.508	VV	208	3101	0.04%	0.013%
73	12.529	12.508	12.554	VV	404	5891	0.08%	0.024%
74	12.585	12.554	12.668	VV	16528	328279	4.40%	1.327%
75	12.686	12.668	12.868	VV	1884	96385	1.29%	0.390%
76	12.892	12.868	12.925	VV	706	13861	0.19%	0.056%
77	12.959	12.925	13.011	VV	580	16318	0.22%	0.066%
78	13.043	13.011	13.154	VV	2326	50654	0.68%	0.205%
79	13.172	13.154	13.194	VV	278	4152	0.06%	0.017%

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80	13.215	13.194	13.256	VV	294	5710	0.08%	0.023%
81	13.411	13.256	13.556	VV	496332	6057853	81.17%	24.493%
82	13.578	13.556	13.654	VV	1044	33103	0.44%	0.134%
83	13.700	13.654	13.813	VV	642	45811	0.61%	0.185%
84	13.846	13.813	13.947	VV	816	46442	0.62%	0.188%
85	14.020	13.947	14.071	VV	606	34547	0.46%	0.140%
86	14.120	14.071	14.142	VV	1204	26331	0.35%	0.106%
87	14.163	14.142	14.242	VV	940	26010	0.35%	0.105%
88	14.291	14.242	14.331	VV	966	22653	0.30%	0.092%
89	14.397	14.331	14.438	VV	509	24687	0.33%	0.100%
90	14.474	14.438	14.510	VV	425	17028	0.23%	0.069%
91	14.562	14.510	14.582	VV	1454	32599	0.44%	0.132%
92	14.603	14.582	14.700	VV	1530	45822	0.61%	0.185%
93	14.727	14.700	14.808	VV	1650	34734	0.47%	0.140%
94	14.869	14.808	14.988	VV	713	43628	0.58%	0.176%
95	15.023	14.988	15.041	VV	342	10216	0.14%	0.041%
96	15.072	15.041	15.094	VV	354	9558	0.13%	0.039%
97	15.120	15.094	15.211	VV	595	18583	0.25%	0.075%
98	15.269	15.211	15.300	VV	2696	51621	0.69%	0.209%
99	15.320	15.300	15.421	VV	658	15247	0.20%	0.062%
100	15.469	15.421	15.550	PV	230	6019	0.08%	0.024%
101	15.656	15.550	15.764	PV	23776	427664	5.73%	1.729%
102	15.791	15.764	15.837	VV	3648	60674	0.81%	0.245%
103	15.865	15.837	15.901	VV	1083	18614	0.25%	0.075%
104	15.926	15.901	15.958	VV	190	3977	0.05%	0.016%
105	15.980	15.958	16.011	VV	149	2154	0.03%	0.009%
106	16.115	16.011	16.133	PV	315	11225	0.15%	0.045%
107	16.175	16.133	16.253	VV	792	21056	0.28%	0.085%
108	16.294	16.253	16.396	VV	3372	53714	0.72%	0.217%
109	16.433	16.396	16.458	PV	165	2741	0.04%	0.011%
110	16.604	16.458	16.627	VV	195	8931	0.12%	0.036%
111	16.673	16.627	16.718	VV	1939	38150	0.51%	0.154%
112	16.779	16.718	16.833	VV	3415	58217	0.78%	0.235%
113	16.864	16.833	16.907	VV	456	9189	0.12%	0.037%
114	16.979	16.907	17.031	PV	164	7648	0.10%	0.031%
115	17.080	17.031	17.106	PV	341	9633	0.13%	0.039%
116	17.144	17.106	17.174	VV	283	8013	0.11%	0.032%
117	17.248	17.174	17.277	VV	3293	48590	0.65%	0.196%
118	17.297	17.277	17.381	VV	811	16649	0.22%	0.067%
119	17.537	17.381	17.564	PV	199	5249	0.07%	0.021%
120	17.619	17.564	17.665	VV	1242	32843	0.44%	0.133%
121	17.700	17.665	17.758	VV	4338	68199	0.91%	0.276%
122	17.796	17.758	17.831	PV	449	9781	0.13%	0.040%
123	17.987	17.831	18.004	VV	186	8013	0.11%	0.032%
124	18.138	18.004	18.171	PV	3160	63636	0.85%	0.257%
125	18.231	18.171	18.287	VV	1124	33122	0.44%	0.134%
126	18.370	18.287	18.391	VV	675	11465	0.15%	0.046%

rteres

127	18.415	18.391	18.432	VV	270	4603	0.06%	0.019%
128	18.500	18.432	18.538	PV	10060	196512	2.63%	0.795%
129	18.562	18.538	18.611	VV	4174	74353	1.00%	0.301%
130	18.661	18.611	18.691	VV	792	14583	0.20%	0.059%
131	18.972	18.691	19.028	PV	3100	49262	0.66%	0.199%
132	19.087	19.028	19.111	PV	970	20919	0.28%	0.085%
133	19.276	19.111	19.294	VV	1753	81079	1.09%	0.328%
134	19.330	19.294	19.354	VV	9793	175623	2.35%	0.710%
135	19.376	19.354	19.425	VV	4877	116107	1.56%	0.469%
136	19.457	19.425	19.483	VV	839	23331	0.31%	0.094%
137	19.574	19.483	19.594	VV	1805	37534	0.50%	0.152%
138	19.614	19.594	19.640	VV	637	10271	0.14%	0.042%
139	19.760	19.640	19.793	PV	1985	40397	0.54%	0.163%
140	19.871	19.793	19.894	VV	1469	53845	0.72%	0.218%
141	19.945	19.894	19.964	VV	1366	40707	0.55%	0.165%
142	20.058	19.964	20.076	VV	1590	82371	1.10%	0.333%
143	20.132	20.076	20.158	VV	3749	121125	1.62%	0.490%
144	20.384	20.158	20.418	VV	5659	483190	6.47%	1.954%
145	20.505	20.418	20.526	VV	6081	308974	4.14%	1.249%
146	20.664	20.526	20.694	VV	12859	688657	9.23%	2.784%
147	20.777	20.694	20.838	VV	9704	765298	10.25%	3.094%
148	20.863	20.838	20.888	VV	9413	267936	3.59%	1.083%
149	21.030	20.888	21.138	VV	11547	1473845	19.75%	5.959%
150	21.168	21.138	21.228	VV	8376	438467	5.87%	1.773%
151	21.257	21.228	21.303	VV	8073	337366	4.52%	1.364%
152	21.472	21.303	21.554	VV	5837	898023	12.03%	3.631%
153	21.602	21.554	21.650	VV	4864	270865	3.63%	1.095%
154	21.702	21.650	21.774	VV	4367	282688	3.79%	1.143%
155	21.789	21.774	21.811	VV	2855	62059	0.83%	0.251%
156	21.838	21.811	21.888	VV	2437	104043	1.39%	0.421%
157	21.939	21.888	22.054	VV	1455	101552	1.36%	0.411%

Sum of corrected areas: 24732853

Aliphatic EPH 103025.M Sat Nov 01 00:36:41 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070105.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:00
Operator : YP/AJ
Sample : PB170341BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BL

Integration File: autoint1.e
Quant Time: Nov 01 04:08:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.646	8075554	45.987 ug/ml
Spiked Amount 50.000		Recovery =	91.97%
12) S 1-chlorooctadecane (S...	13.080	6438971	47.435 ug/ml
Spiked Amount 50.000		Recovery =	94.87%
Target Compounds			

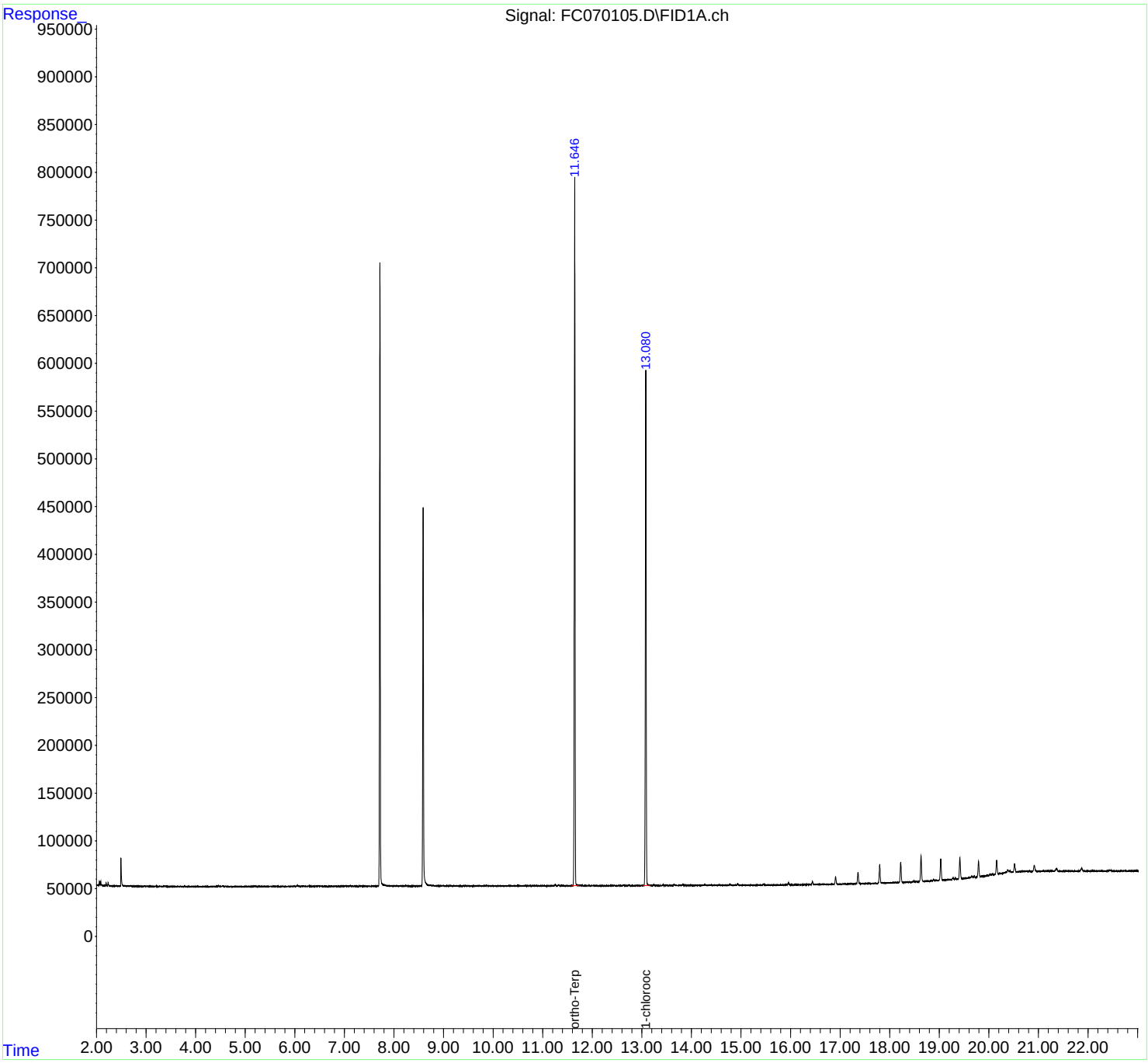
(f)=RT Delta > 1/2 Window (m)=manual int.

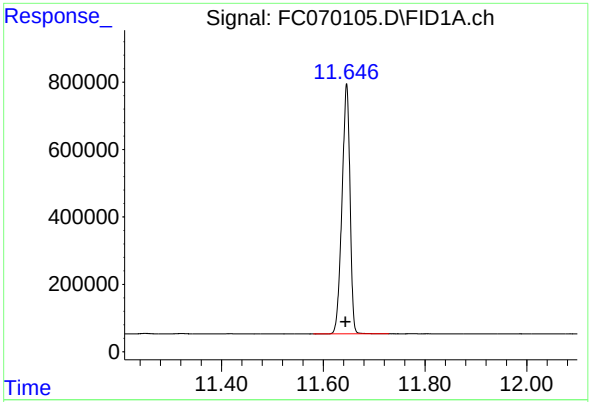
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070105.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:00
Operator : YP/AJ
Sample : PB170341BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BL

Integration File: autoint1.e
Quant Time: Nov 01 04:08:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

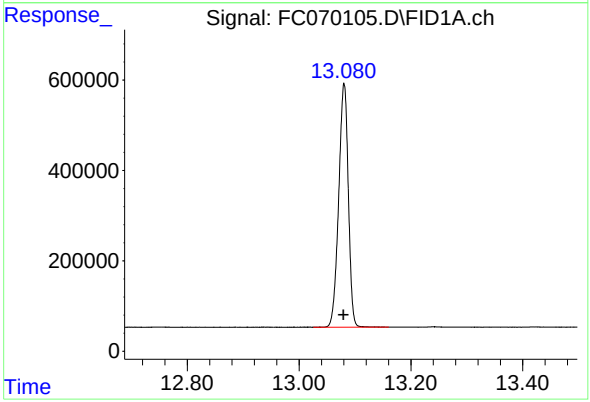




#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.002 min
Response: 8075554
Conc: 45.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB170341BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: 0.001 min
Response: 6438971
Conc: 47.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070105.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:00
Sample : PB170341BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.646	11.580	11.729	BB	741535	8075554	100.00%	55.638%
2	13.080	13.025	13.160	BB	540002	6438971	79.73%	44.362%
			Sum of corrected areas:			14514525		

Aliphatic EPH 100725.M Sat Nov 01 05:08:11 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070106.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:43
Operator : YP/AJ
Sample : PB170341BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BS

Integration File: autoint1.e
Quant Time: Nov 03 00:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.646	7704566	43.875 ug/ml
Spiked Amount	50.000		Recovery =	87.75%
12) S	1-chlorooctadecane (S...	13.081	6227121	45.875 ug/ml
Spiked Amount	50.000		Recovery =	91.75%
	Target Compounds			
1) T	n-Nonane (C9)	3.391	5381016	39.187 ug/ml
2) T	n-Decane (C10)	4.458	5938129	41.305 ug/ml
3) T	A~Naphthalene (C11.7)	6.048	7217484	44.658 ug/ml
4) T	n-Dodecane (C12)	6.476	6635626	43.292 ug/ml
5) T	A~2-methylnaphthalene...	7.106	6949987	43.560 ug/ml
6) T	n-Tetradecane (C14)	8.276	7218062	45.384 ug/ml
7) T	n-Hexadecane (C16)	9.878	7661331	45.462 ug/ml
8) T	n-Octadecane (C18)	11.324	7688306	45.191 ug/ml
10) T	n-Eicosane (C20)	12.635	7720444	48.122 ug/ml
11) T	n-Heneicosane (C21)	13.248	7364913	47.432 ug/ml
13) T	n-Docosane (C22)	13.835	7184055	46.681 ug/ml
14) T	n-Tetracosane (C24)	14.936	13123360	86.548 ug/ml
15) T	n-Hexacosane (C26)	15.964	6472409	44.717 ug/ml
16) T	n-Octacosane (C28)	16.914	6178813	44.676 ug/ml
17) T	n-Tricontane (C30)	17.805	6288953	46.061 ug/ml
18) T	n-Dotriacontane (C32)	18.637	6279211	48.701 ug/ml
19) T	n-Tetratriacontane (C34)	19.422	6325877	55.442 ug/ml
20) T	n-Hexatriacontane (C36)	20.162	5894045	60.945 ug/ml
21) T	n-Octatriacontane (C38)	20.926	5848512	67.102 ug/ml
22) T	n-Tetracontane (C40)	21.880	5685213	69.195 ug/ml

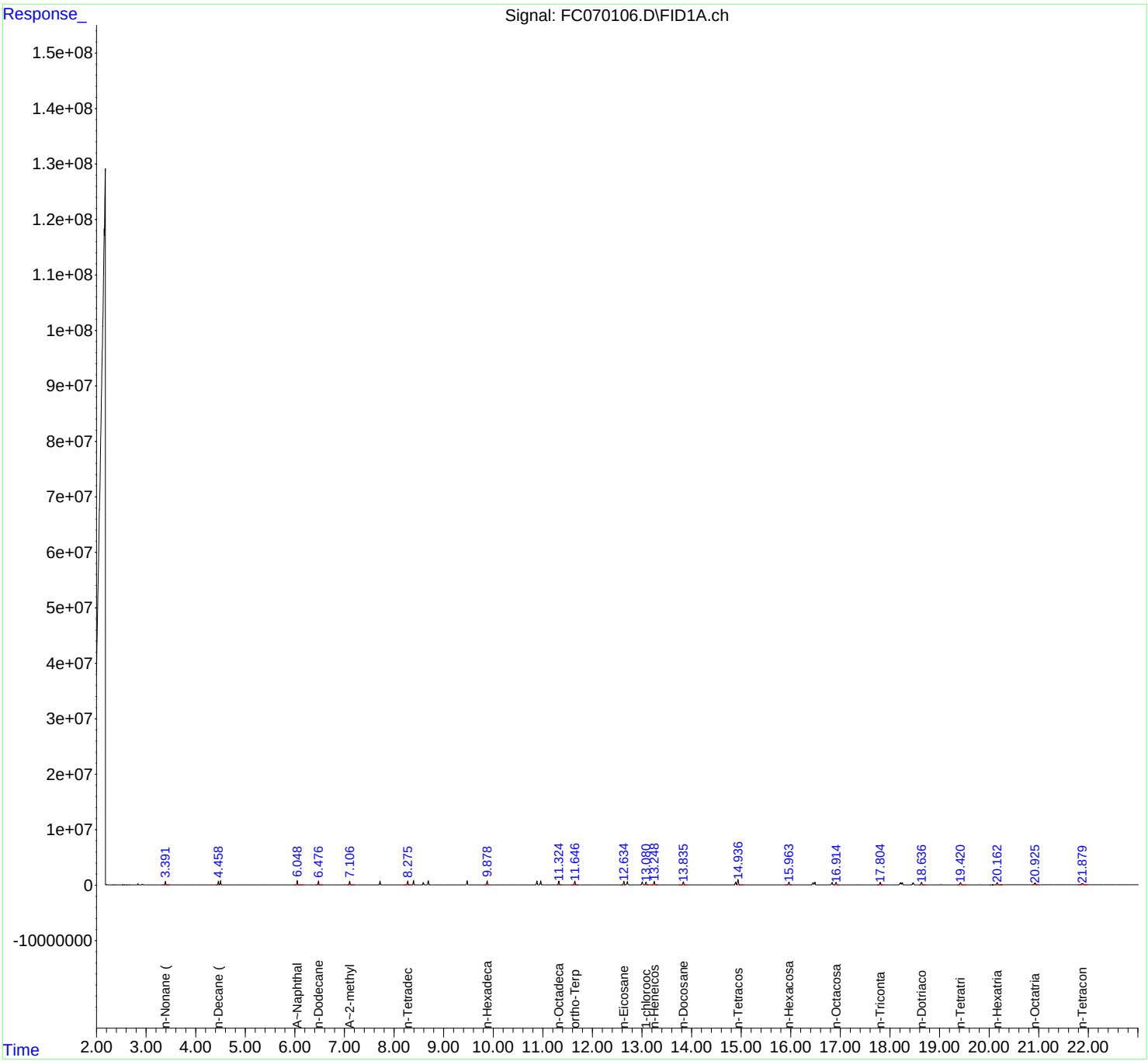
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070106.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:43
Operator : YP/AJ
Sample : PB170341BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BS

Integration File: autoint1.e
Quant Time: Nov 03 00:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070106.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 16:43
Sample : PB170341BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.391	3.330	3.482	BB	641477	5381016	41.00%	2.134%
2	4.458	4.404	4.479	BV	680477	5938129	45.25%	2.355%
3	4.502	4.479	4.545	VV	742777	6501581	49.54%	2.578%
4	6.048	5.987	6.177	BB	769781	7217484	55.00%	2.862%
5	6.476	6.417	6.560	BB	693511	6635626	50.56%	2.631%
6	7.106	7.059	7.210	BB	694563	6949987	52.96%	2.756%
7	8.276	8.197	8.342	BB	692195	7218062	55.00%	2.862%
8	8.392	8.342	8.480	BB	765958	7719149	58.82%	3.061%
9	8.690	8.657	8.825	VB	750879	7865170	59.93%	3.119%
10	9.475	9.407	9.582	BB	760456	7864290	59.93%	3.118%
11	9.878	9.817	9.910	BV	710756	7661331	58.38%	3.038%
12	10.882	10.797	10.923	BV	679928	7399830	56.39%	2.934%
13	10.959	10.923	11.079	VB	658015	7325470	55.82%	2.905%
14	11.324	11.279	11.382	BB	681685	7688306	58.58%	3.049%
15	11.646	11.580	11.715	BB	696534	7704566	58.71%	3.055%
16	12.635	12.565	12.669	BV	658450	7720444	58.83%	3.061%
17	12.706	12.669	12.795	VB	610441	6886411	52.47%	2.731%
18	13.006	12.937	13.040	BV	565808	6805326	51.86%	2.699%
19	13.081	13.040	13.149	VB	524714	6227121	47.45%	2.469%
20	13.248	13.179	13.319	BB	630097	7364913	56.12%	2.920%
21	13.835	13.737	13.902	BB	575901	7184055	54.74%	2.849%
22	14.889	14.844	14.908	BV	466789	6164383	46.97%	2.444%
23	14.936	14.908	15.044	VB	975516	13123360	100.00%	5.204%
24	15.964	15.880	16.020	BB	508255	6472409	49.32%	2.567%
25	16.451	16.372	16.468	BV	413113	5993353	45.67%	2.377%
26	16.488	16.468	16.580	VB	482291	6000752	45.73%	2.380%
27	16.835	16.754	16.870	BBA	449692	5643705	43.01%	2.238%
28	16.914	16.870	16.980	BB	448883	6178813	47.08%	2.450%
29	17.805	17.742	17.879	BB	467717	6288953	47.92%	2.494%
30	18.213	18.129	18.228	BV	387316	6118106	46.62%	2.426%
31	18.248	18.228	18.395	VB	386522	5492194	41.85%	2.178%

rteres

32	18.470	18.399	18.590	BBA	379793	5416633	41.27%	2.148%
33	18.637	18.590	18.722	BB	441859	6279211	47.85%	2.490%
34	19.422	19.360	19.545	BV	418464	6325877	48.20%	2.508%
35	20.162	20.120	20.265	BV	415114	5894045	44.91%	2.337%
36	20.926	20.860	21.005	BB	332572	5848512	44.57%	2.319%
37	21.880	21.784	21.992	BB	221577	5685213	43.32%	2.254%

Sum of corrected areas: 252183783

Aliphatic EPH 100725.M Mon Nov 03 00:49:39 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070107.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 17:25
Operator : YP/AJ
Sample : PB170341BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BSD

Integration File: autoint1.e
Quant Time: Nov 03 00:18:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.646	7070552	40.264 ug/ml
Spiked Amount	50.000		Recovery =	80.53%
12) S	1-chlorooctadecane (S...	13.080	5689537	41.914 ug/ml
Spiked Amount	50.000		Recovery =	83.83%
	Target Compounds			
1) T	n-Nonane (C9)	3.390	5099442	37.136 ug/ml
2) T	n-Decane (C10)	4.457	5585680	38.854 ug/ml
3) T	A~Naphthalene (C11.7)	6.048	6712923	41.536 ug/ml
4) T	n-Dodecane (C12)	6.476	6213573	40.538 ug/ml
5) T	A~2-methylnaphthalene...	7.106	6452482	40.442 ug/ml
6) T	n-Tetradecane (C14)	8.275	6720016	42.253 ug/ml
7) T	n-Hexadecane (C16)	9.878	7083182	42.031 ug/ml
8) T	n-Octadecane (C18)	11.323	7077782	41.602 ug/ml
10) T	n-Eicosane (C20)	12.635	7071406	44.077 ug/ml
11) T	n-Heneicosane (C21)	13.247	6739763	43.406 ug/ml
13) T	n-Docosane (C22)	13.835	6564912	42.658 ug/ml
14) T	n-Tetracosane (C24)	14.936	12127177	79.978 ug/ml
15) T	n-Hexacosane (C26)	15.964	5921795	40.913 ug/ml
16) T	n-Octacosane (C28)	16.914	5604683	40.525 ug/ml
17) T	n-Tricontane (C30)	17.804	5621726	41.175 ug/ml
18) T	n-Dotriacontane (C32)	18.636	5544402	43.002 ug/ml
19) T	n-Tetratriacontane (C34)	19.421	5645707	49.481 ug/ml
20) T	n-Hexatriacontane (C36)	20.162	5337990	55.195 ug/ml
21) T	n-Octatriacontane (C38)	20.923	5388522	61.824 ug/ml
22) T	n-Tetracontane (C40)	21.878	5270160	64.143 ug/ml

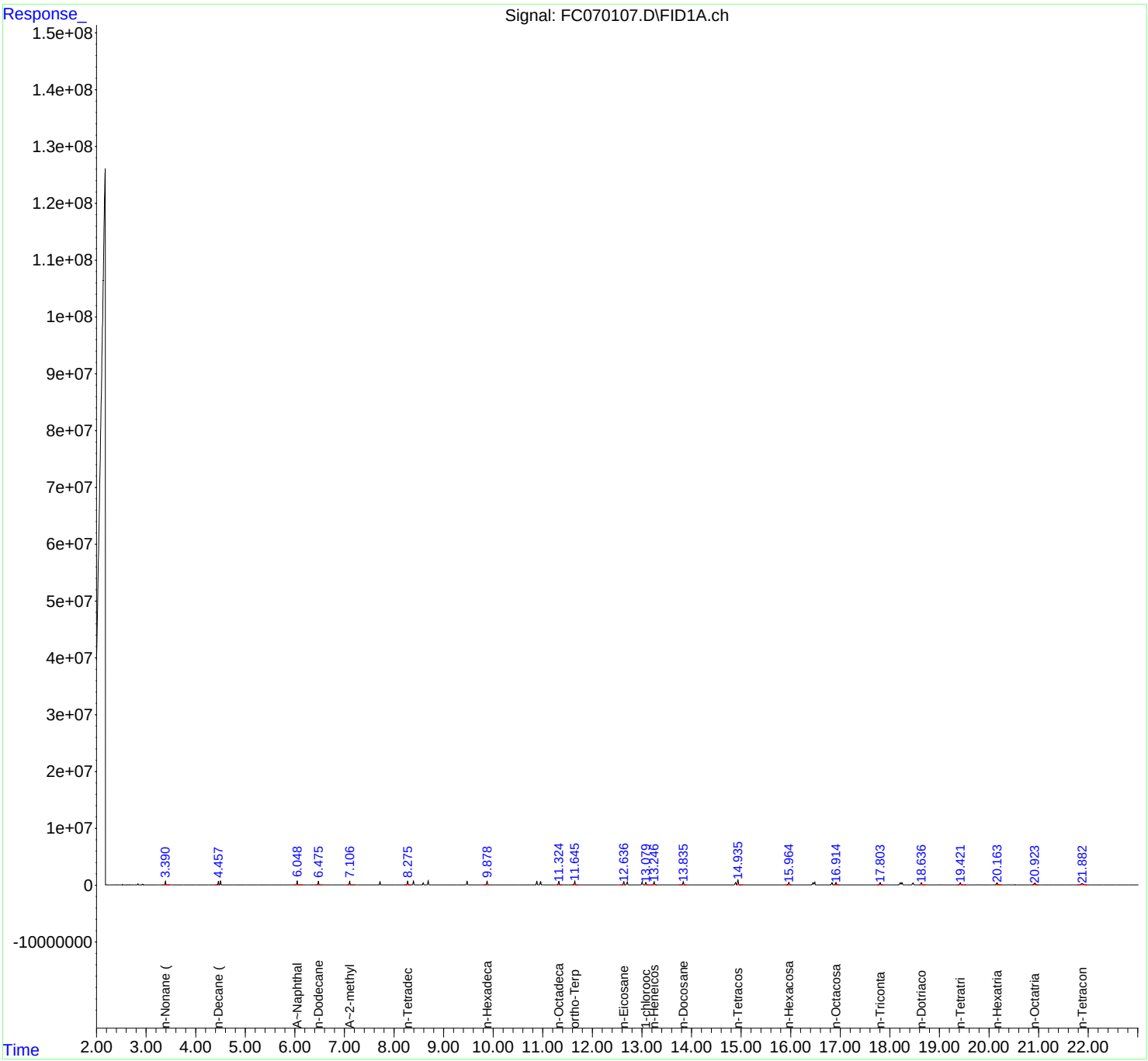
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070107.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 17:25
Operator : YP/AJ
Sample : PB170341BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
PB170341BSD

Integration File: autoint1.e
Quant Time: Nov 03 00:18:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070107.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 17:25
Sample : PB170341BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.390	3.330	3.485	BB	612311	5099442	42.05%	2.189%
2	4.457	4.395	4.479	BV	631376	5585680	46.06%	2.397%
3	4.501	4.479	4.547	VV	683361	6114535	50.42%	2.624%
4	6.048	5.987	6.165	BB	704517	6712923	55.35%	2.881%
5	6.476	6.409	6.554	BB	645440	6213573	51.24%	2.667%
6	7.106	7.059	7.210	BB	654597	6452482	53.21%	2.769%
7	8.275	8.209	8.342	BB	653530	6720016	55.41%	2.884%
8	8.392	8.342	8.474	BB	693498	7135286	58.84%	3.062%
9	8.689	8.655	8.789	VB	709987	7247135	59.76%	3.110%
10	9.474	9.415	9.585	BB	672774	7250718	59.79%	3.112%
11	9.878	9.814	9.910	BV	655837	7083182	58.41%	3.040%
12	10.881	10.804	10.922	BV	624069	6795676	56.04%	2.917%
13	10.957	10.922	11.067	VB	609702	6726551	55.47%	2.887%
14	11.323	11.279	11.390	BB	605572	7077782	58.36%	3.038%
15	11.646	11.584	11.719	BB	646250	7070552	58.30%	3.035%
16	12.635	12.570	12.669	BV	600550	7071406	58.31%	3.035%
17	12.705	12.669	12.792	VB	551866	6339498	52.28%	2.721%
18	13.005	12.937	13.039	BV	543051	6275252	51.75%	2.693%
19	13.080	13.039	13.147	VB	463073	5689537	46.92%	2.442%
20	13.247	13.174	13.312	BB	558765	6739763	55.58%	2.893%
21	13.835	13.747	13.899	BB	525873	6564912	54.13%	2.818%
22	14.889	14.837	14.908	BV	431100	5764145	47.53%	2.474%
23	14.936	14.908	15.039	VB	905998	12127177	100.00%	5.205%
24	15.964	15.885	16.020	BB	465125	5921795	48.83%	2.542%
25	16.451	16.374	16.467	BV	384964	5624263	46.38%	2.414%
26	16.486	16.467	16.584	VB	477346	5670775	46.76%	2.434%
27	16.835	16.752	16.869	BBA	402565	5350083	44.12%	2.296%
28	16.914	16.870	16.985	BB	441467	5604683	46.22%	2.405%
29	17.804	17.740	17.879	BB	398455	5621726	46.36%	2.413%
30	18.212	18.132	18.227	BV	379447	5700818	47.01%	2.447%
31	18.246	18.227	18.395	VB	385214	5309569	43.78%	2.279%

rteres

32	18.469	18.399	18.585	BB	351763	5149671	42.46%	2.210%
33	18.636	18.590	18.725	BB	385833	5544402	45.72%	2.380%
34	19.421	19.357	19.547	BB	393743	5645707	46.55%	2.423%
35	20.162	20.120	20.259	BV	355510	5337990	44.02%	2.291%
36	20.923	20.860	21.004	BB	282291	5388522	44.43%	2.313%
37	21.878	21.774	21.980	BB	200448	5270160	43.46%	2.262%

Sum of corrected areas: 232997386

Aliphatic EPH 100725.M Mon Nov 03 00:52:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070110.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 19:32
Operator : YP/AJ
Sample : Q3496-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
DRILL-CUTTINGSMS

Integration File: autoint1.e
Quant Time: Nov 03 00:19:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.644	5385613	30.669 ug/ml
Spiked Amount	50.000		Recovery =	61.34%
12)	S 1-chlorooctadecane (S...	13.079	4606096	33.933 ug/ml
Spiked Amount	50.000		Recovery =	67.87%
	Target Compounds			
1)	T n-Nonane (C9)	3.380	3275715	23.855 ug/ml
2)	T n-Decane (C10)	4.452	3982739	27.704 ug/ml
3)	T A~Naphthalene (C11.7)	6.045	5384272	33.315 ug/ml
4)	T n-Dodecane (C12)	6.474	4878749	31.830 ug/ml
5)	T A~2-methylnaphthalene...	7.104	5254487	32.933 ug/ml
6)	T n-Tetradecane (C14)	8.274	5416659	34.058 ug/ml
7)	T n-Hexadecane (C16)	9.876	5666162	33.623 ug/ml
8)	T n-Octadecane (C18)	11.321	5709798	33.561 ug/ml
10)	T n-Eicosane (C20)	12.633	5649053	35.211 ug/ml
11)	T n-Heneicosane (C21)	13.246	5513673	35.509 ug/ml
13)	T n-Docosane (C22)	13.834	5406473	35.131 ug/ml
14)	T n-Tetracosane (C24)	14.934	10431962	68.799 ug/ml
15)	T n-Hexacosane (C26)	15.962	4939412	34.126 ug/ml
16)	T n-Octacosane (C28)	16.911	4635941	33.520 ug/ml
17)	T n-Tricontane (C30)	17.801	4446446	32.567 ug/ml
18)	T n-Dotriacontane (C32)	18.634	4250299	32.965 ug/ml
19)	T n-Tetratriacontane (C34)	19.418	4208837	36.887 ug/ml
20)	T n-Hexatriacontane (C36)	20.160	3872351	40.040 ug/ml
21)	T n-Octatriacontane (C38)	20.920	3823468	43.868 ug/ml
22)	T n-Tetracontane (C40)	21.872	3730688	45.406 ug/ml

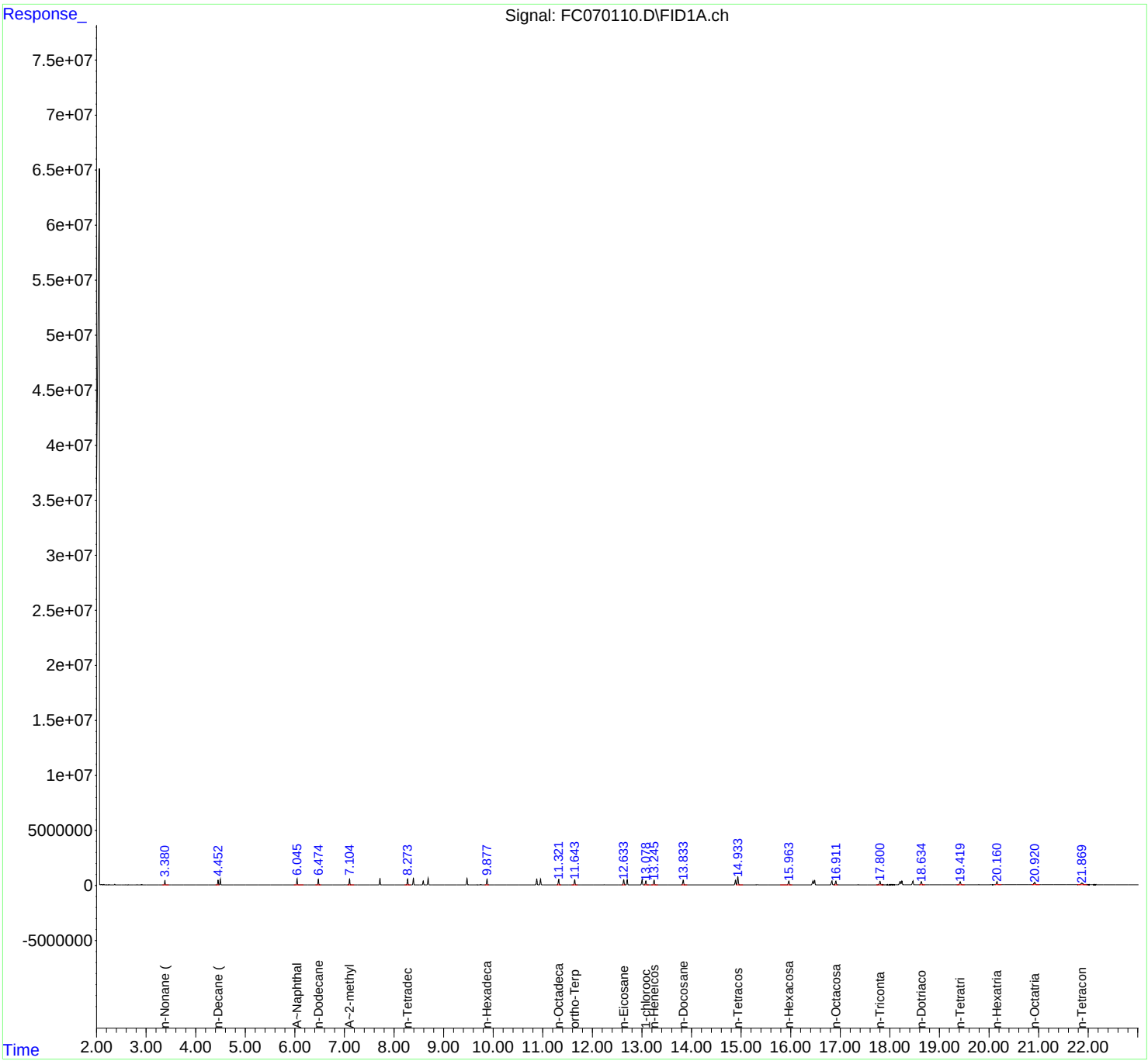
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070110.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 19:32
Operator : YP/AJ
Sample : Q3496-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
DRILL-CUTTINGSMS

Integration File: autoint1.e
Quant Time: Nov 03 00:19:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070110.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 19:32
Sample : Q3496-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.268	3.205	3.350	BV	668	12204	0.12%	0.005%
2	3.380	3.350	3.476	PV	396134	3292782	31.32%	1.482%
3	3.486	3.476	3.495	VV	303	3121	0.03%	0.001%
4	3.504	3.495	3.548	VV	387	7531	0.07%	0.003%
5	3.559	3.548	3.569	VV	203	1912	0.02%	0.001%
6	3.581	3.569	3.613	VV	231	2836	0.03%	0.001%
7	3.657	3.613	3.671	PV	266	5686	0.05%	0.003%
8	3.694	3.671	3.722	VV	707	12267	0.12%	0.006%
9	3.739	3.722	3.755	VV	763	10342	0.10%	0.005%
10	3.770	3.755	3.839	VV	5990	57935	0.55%	0.026%
11	3.867	3.839	3.918	VV	3965	42020	0.40%	0.019%
12	3.925	3.918	3.937	VV	220	2043	0.02%	0.001%
13	3.960	3.937	4.015	VV	427	10500	0.10%	0.005%
14	4.052	4.015	4.066	VV	515	7960	0.08%	0.004%
15	4.078	4.066	4.105	VV	440	6059	0.06%	0.003%
16	4.147	4.105	4.165	VV	347	6467	0.06%	0.003%
17	4.191	4.165	4.203	VV	286	4741	0.05%	0.002%
18	4.219	4.203	4.247	VV	487	7874	0.07%	0.004%
19	4.261	4.247	4.281	VV	284	4114	0.04%	0.002%
20	4.289	4.281	4.306	VV	228	2422	0.02%	0.001%
21	4.313	4.306	4.341	PV	95	1438	0.01%	0.001%
22	4.367	4.341	4.398	VV	181	4386	0.04%	0.002%
23	4.408	4.398	4.420	VV	161	1362	0.01%	0.001%
24	4.452	4.420	4.474	VV	446092	3987185	37.92%	1.794%
25	4.496	4.474	4.541	VV	511563	4524660	43.03%	2.036%
26	4.557	4.541	4.582	VV	4983	57578	0.55%	0.026%
27	4.604	4.582	4.642	VV	7812	83690	0.80%	0.038%
28	4.653	4.642	4.687	VV	453	9508	0.09%	0.004%
29	4.706	4.687	4.721	VV	382	5775	0.05%	0.003%
30	4.734	4.721	4.765	VV	331	5523	0.05%	0.002%
31	4.770	4.765	4.790	VV	219	2409	0.02%	0.001%

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32	4.797	4.790	4.845	VV	184	4287	0.04%	0.002%
33	4.858	4.845	4.892	VV	147	3194	0.03%	0.001%
34	4.945	4.892	4.957	VV	173	3909	0.04%	0.002%
35	4.974	4.957	4.985	VV	125	1348	0.01%	0.001%
36	5.041	4.985	5.075	VV	188	4769	0.05%	0.002%
37	5.106	5.075	5.160	VV	199	5265	0.05%	0.002%
38	5.175	5.160	5.247	VV	186	4421	0.04%	0.002%
39	5.312	5.247	5.332	VV	292	6026	0.06%	0.003%
40	5.345	5.332	5.352	VV	173	1615	0.02%	0.001%
41	5.361	5.352	5.399	VV	195	3029	0.03%	0.001%
42	5.412	5.399	5.425	PV	76	918	0.01%	0.000%
43	5.489	5.425	5.509	VV	2177	22829	0.22%	0.010%
44	5.551	5.509	5.578	VV	561	15879	0.15%	0.007%
45	5.599	5.578	5.651	VV	462	10780	0.10%	0.005%
46	5.684	5.651	5.705	VV	192	3988	0.04%	0.002%
47	5.741	5.705	5.771	VV	1083	16362	0.16%	0.007%
48	5.788	5.771	5.810	VV	323	5356	0.05%	0.002%
49	5.835	5.810	5.922	VV	323	8663	0.08%	0.004%
50	6.045	5.922	6.171	PV	564034	5426664	51.61%	2.442%
51	6.189	6.171	6.263	VV	926	28133	0.27%	0.013%
52	6.278	6.263	6.300	VV	374	6561	0.06%	0.003%
53	6.319	6.300	6.331	VV	468	6461	0.06%	0.003%
54	6.365	6.331	6.391	VV	514	13182	0.13%	0.006%
55	6.399	6.391	6.419	VV	257	3872	0.04%	0.002%
56	6.427	6.419	6.441	VV	259	2372	0.02%	0.001%
57	6.474	6.441	6.535	VV	506263	4900880	46.61%	2.205%
58	6.549	6.535	6.605	VV	1020	23101	0.22%	0.010%
59	6.622	6.605	6.665	VV	516	11588	0.11%	0.005%
60	6.676	6.665	6.705	VV	209	4293	0.04%	0.002%
61	6.724	6.705	6.741	VV	195	3837	0.04%	0.002%
62	6.751	6.741	6.788	VV	205	4505	0.04%	0.002%
63	6.795	6.788	6.825	VV	212	2913	0.03%	0.001%
64	6.897	6.825	6.916	VV	299	7364	0.07%	0.003%
65	6.958	6.916	6.986	VV	3801	53184	0.51%	0.024%
66	7.009	6.986	7.059	VV	13842	150174	1.43%	0.068%
67	7.104	7.059	7.198	VV	544271	5280558	50.22%	2.376%
68	7.219	7.198	7.273	VV	3820	72813	0.69%	0.033%
69	7.295	7.273	7.355	VV	2784	60575	0.58%	0.027%
70	7.370	7.355	7.383	VV	1348	14932	0.14%	0.007%
71	7.398	7.383	7.428	VV	1731	21676	0.21%	0.010%
72	7.461	7.428	7.478	VV	622	11825	0.11%	0.005%
73	7.492	7.478	7.517	VV	484	6713	0.06%	0.003%
74	7.541	7.517	7.560	VV	453	7904	0.08%	0.004%
75	7.576	7.560	7.600	VV	924	11755	0.11%	0.005%
76	7.618	7.600	7.647	VV	329	5952	0.06%	0.003%
77	7.663	7.647	7.672	VV	226	1863	0.02%	0.001%
78	7.809	7.801	7.862	VV	978	26838	0.26%	0.012%
79	7.876	7.862	7.944	VV	868	18542	0.18%	0.008%

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80	7.964	7.944	7.998	VV	524	7688	0.07%	0.003%
81	8.021	7.998	8.071	VV	537	8509	0.08%	0.004%
82	8.085	8.071	8.140	VV	149	3988	0.04%	0.002%
83	8.172	8.140	8.217	VV	272	8617	0.08%	0.004%
84	8.274	8.217	8.351	VV	533533	5434278	51.68%	2.445%
85	8.390	8.351	8.485	VV	616631	6155575	58.54%	2.770%
86	8.502	8.485	8.548	VV	1125	20385	0.19%	0.009%
87	8.688	8.653	8.791	VV	608497	6201432	58.98%	2.791%
88	8.804	8.791	8.854	VV	841	20610	0.20%	0.009%
89	8.887	8.854	8.898	VV	384	8388	0.08%	0.004%
90	8.911	8.898	8.928	VV	315	4998	0.05%	0.002%
91	8.964	8.928	9.063	VV	835	28536	0.27%	0.013%
92	9.094	9.063	9.119	VV	1444	19328	0.18%	0.009%
93	9.154	9.119	9.180	VV	313	8062	0.08%	0.004%
94	9.197	9.180	9.236	VV	173	3045	0.03%	0.001%
95	9.248	9.236	9.265	VV	100	1374	0.01%	0.001%
96	9.277	9.265	9.301	VV	115	1281	0.01%	0.001%
97	9.327	9.301	9.374	PV	263	5404	0.05%	0.002%
98	9.392	9.374	9.412	VV	169	2582	0.02%	0.001%
99	9.473	9.412	9.618	VV	582727	6308361	60.00%	2.839%
100	9.625	9.618	9.638	VV	516	4946	0.05%	0.002%
101	9.685	9.638	9.725	VV	8317	119193	1.13%	0.054%
102	9.748	9.725	9.841	VV	38383	485004	4.61%	0.218%
103	9.876	9.841	9.957	VV	534572	5708025	54.29%	2.569%
104	9.981	9.957	10.071	VV	1740	29732	0.28%	0.013%
105	10.099	10.071	10.135	VV	1294	15878	0.15%	0.007%
106	10.159	10.135	10.186	VV	410	7879	0.07%	0.004%
107	10.220	10.186	10.248	VV	7416	88946	0.85%	0.040%
108	10.261	10.248	10.301	VV	940	14494	0.14%	0.007%
109	10.318	10.301	10.338	VV	316	5453	0.05%	0.002%
110	10.351	10.338	10.380	VV	272	3879	0.04%	0.002%
111	10.428	10.380	10.471	VV	309	9508	0.09%	0.004%
112	10.542	10.471	10.557	PV	344	8565	0.08%	0.004%
113	10.573	10.557	10.582	VV	293	3181	0.03%	0.001%
114	10.615	10.582	10.653	VV	829	15765	0.15%	0.007%
115	10.682	10.653	10.706	VV	4672	58822	0.56%	0.026%
116	10.718	10.706	10.752	VV	1120	16876	0.16%	0.008%
117	10.764	10.752	10.801	VV	284	5831	0.06%	0.003%
118	10.813	10.801	10.817	VV	207	1484	0.01%	0.001%
119	10.879	10.817	10.920	VV	542406	6006172	57.12%	2.703%
120	10.956	10.920	11.019	VV	530692	5984224	56.91%	2.693%
121	11.031	11.019	11.097	VV	2033	55211	0.53%	0.025%
122	11.121	11.097	11.154	VV	3387	48005	0.46%	0.022%
123	11.178	11.154	11.226	VV	2522	51349	0.49%	0.023%
124	11.248	11.226	11.281	VV	927	19536	0.19%	0.009%
125	11.321	11.281	11.371	VV	506668	5728575	54.48%	2.578%
126	11.398	11.371	11.458	VV	1263	29800	0.28%	0.013%

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127	11.484	11.458	11.547	VV	1648	28907	0.27%	0.013%
128	11.561	11.547	11.571	VV	133	1350	0.01%	0.001%
129	11.587	11.571	11.601	VV	145	2042	0.02%	0.001%
130	11.644	11.601	11.701	VV	483559	5402701	51.38%	2.431%
131	11.740	11.701	11.754	VV	743	16612	0.16%	0.007%
132	11.781	11.754	11.791	VV	876	16015	0.15%	0.007%
133	11.801	11.791	11.820	VV	888	12331	0.12%	0.006%
134	11.833	11.820	11.901	VV	537	13540	0.13%	0.006%
135	11.922	11.901	11.933	VV	216	2543	0.02%	0.001%
136	11.984	11.933	12.030	VV	803	21354	0.20%	0.010%
137	12.048	12.030	12.068	VV	415	6592	0.06%	0.003%
138	12.084	12.068	12.116	VV	545	8120	0.08%	0.004%
139	12.124	12.116	12.171	VV	108	2360	0.02%	0.001%
140	12.202	12.171	12.220	PV	352	5536	0.05%	0.002%
141	12.239	12.220	12.303	VV	12791	169272	1.61%	0.076%
142	12.321	12.303	12.331	VV	1196	16634	0.16%	0.007%
143	12.349	12.331	12.408	VV	1556	45514	0.43%	0.020%
144	12.455	12.408	12.538	VV	1572	40156	0.38%	0.018%
145	12.569	12.538	12.594	VV	716	14914	0.14%	0.007%
146	12.633	12.594	12.666	VV	480628	5656662	53.80%	2.545%
147	12.703	12.666	12.816	VV	500774	5762307	54.80%	2.593%
148	12.844	12.816	12.859	VV	320	5890	0.06%	0.003%
149	12.885	12.859	12.944	VV	5937	68292	0.65%	0.031%
150	13.003	12.944	13.037	VV	492407	5625063	53.50%	2.531%
151	13.079	13.037	13.168	VV	378415	4627966	44.02%	2.083%
152	13.190	13.168	13.206	VV	476	8736	0.08%	0.004%
153	13.246	13.206	13.352	VV	446628	5538799	52.68%	2.492%
154	13.362	13.352	13.395	VV	156	1687	0.02%	0.001%
155	13.415	13.395	13.427	VV	217	2062	0.02%	0.001%
156	13.470	13.427	13.505	VV	470	10292	0.10%	0.005%
157	13.519	13.505	13.539	VV	188	2669	0.03%	0.001%
158	13.549	13.539	13.567	VV	135	1198	0.01%	0.001%
159	13.588	13.567	13.608	PV	426	5789	0.06%	0.003%
160	13.622	13.608	13.640	VV	459	5601	0.05%	0.003%
161	13.672	13.640	13.714	VV	1151	20986	0.20%	0.009%
162	13.748	13.714	13.757	VV	213	4309	0.04%	0.002%
163	13.781	13.757	13.798	VV	1101	14771	0.14%	0.007%
164	13.834	13.798	13.915	VV	444568	5417586	51.53%	2.438%
165	13.957	13.915	13.988	VV	2639	40473	0.38%	0.018%
166	14.012	13.988	14.038	VV	1083	15963	0.15%	0.007%
167	14.065	14.038	14.085	VV	461	11021	0.10%	0.005%
168	14.100	14.085	14.115	VV	253	3413	0.03%	0.002%
169	14.128	14.115	14.167	VV	297	5763	0.05%	0.003%
170	14.193	14.167	14.208	VV	344	6554	0.06%	0.003%
171	14.234	14.208	14.247	VV	965	15903	0.15%	0.007%
172	14.267	14.247	14.311	VV	1256	27254	0.26%	0.012%
173	14.349	14.311	14.365	VV	443	12170	0.12%	0.005%
174	14.394	14.365	14.431	VV	1686	33873	0.32%	0.015%

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175	14.457	14.431	14.485	VV	1298	25307	0.24%	0.011%
176	14.496	14.485	14.573	VV	685	26175	0.25%	0.012%
177	14.622	14.573	14.632	VV	708	17984	0.17%	0.008%
178	14.637	14.632	14.655	VV	646	7023	0.07%	0.003%
179	14.683	14.655	14.704	VV	720	15457	0.15%	0.007%
180	14.714	14.704	14.729	VV	376	5157	0.05%	0.002%
181	14.773	14.729	14.814	VV	1194	36661	0.35%	0.016%
182	14.827	14.814	14.843	VV	622	9097	0.09%	0.004%
183	14.886	14.843	14.905	VV	419776	5183605	49.30%	2.333%
184	14.934	14.905	15.065	VV	731269	10514382	100.00%	4.731%
185	15.077	15.065	15.098	VV	883	16481	0.16%	0.007%
186	15.128	15.098	15.165	VV	1104	32948	0.31%	0.015%
187	15.184	15.165	15.221	VV	796	21826	0.21%	0.010%
188	15.238	15.221	15.255	VV	710	12413	0.12%	0.006%
189	15.264	15.255	15.278	VV	722	8304	0.08%	0.004%
190	15.318	15.278	15.428	VV	13634	354148	3.37%	0.159%
191	15.455	15.428	15.513	VV	3490	83237	0.79%	0.037%
192	15.532	15.513	15.579	VV	1684	34135	0.32%	0.015%
193	15.589	15.579	15.611	VV	576	8892	0.08%	0.004%
194	15.647	15.611	15.674	VV	913	22319	0.21%	0.010%
195	15.691	15.674	15.702	VV	541	7385	0.07%	0.003%
196	15.710	15.702	15.743	VV	428	9482	0.09%	0.004%
197	15.777	15.743	15.796	VV	608	14487	0.14%	0.007%
198	15.834	15.796	15.871	VV	750	24669	0.23%	0.011%
199	15.962	15.871	16.041	VV	358457	4962431	47.20%	2.233%
200	16.052	16.041	16.095	VV	322	5941	0.06%	0.003%
201	16.160	16.095	16.218	VV	1226	27293	0.26%	0.012%
202	16.269	16.218	16.310	PV	555	17817	0.17%	0.008%
203	16.344	16.310	16.381	VV	1321	32347	0.31%	0.015%
204	16.449	16.381	16.464	VV	338397	5059482	48.12%	2.277%
205	16.483	16.464	16.568	VV	424386	5109103	48.59%	2.299%
206	16.578	16.568	16.628	VV	1210	33793	0.32%	0.015%
207	16.639	16.628	16.671	VV	908	19369	0.18%	0.009%
208	16.697	16.671	16.734	VV	2566	50730	0.48%	0.023%
209	16.746	16.734	16.773	VV	763	16103	0.15%	0.007%
210	16.831	16.773	16.872	VV	366119	4884196	46.45%	2.198%
211	16.911	16.872	16.945	VV	355878	4768377	45.35%	2.146%
212	16.957	16.945	17.017	VV	3855	79182	0.75%	0.036%
213	17.032	17.017	17.049	VV	843	14051	0.13%	0.006%
214	17.069	17.049	17.100	VV	791	22372	0.21%	0.010%
215	17.113	17.100	17.135	VV	781	14967	0.14%	0.007%
216	17.157	17.135	17.175	VV	984	19133	0.18%	0.009%
217	17.205	17.175	17.217	VV	841	18441	0.18%	0.008%
218	17.244	17.217	17.258	VV	997	21970	0.21%	0.010%
219	17.297	17.258	17.309	VV	1327	33779	0.32%	0.015%
220	17.358	17.309	17.389	VV	6018	121036	1.15%	0.054%
221	17.412	17.389	17.423	VV	1112	20969	0.20%	0.009%

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222	17.441	17.423	17.458	VV	1328	25217	0.24%	0.011%
223	17.477	17.458	17.517	VV	1457	43216	0.41%	0.019%
224	17.541	17.517	17.578	VV	1315	43405	0.41%	0.020%
225	17.589	17.578	17.605	VV	1273	19560	0.19%	0.009%
226	17.689	17.605	17.718	VV	2295	107797	1.03%	0.049%
227	17.801	17.718	17.869	VV	331569	4605181	43.80%	2.072%
228	17.890	17.869	17.916	VV	3120	69610	0.66%	0.031%
229	17.952	17.916	17.971	VV	2494	72367	0.69%	0.033%
230	17.988	17.971	18.016	VV	2423	61864	0.59%	0.028%
231	18.035	18.016	18.048	VV	2463	45534	0.43%	0.020%
232	18.073	18.048	18.084	VV	2430	49296	0.47%	0.022%
233	18.207	18.084	18.223	VV	308709	5007389	47.62%	2.253%
234	18.243	18.223	18.414	VV	351058	5071247	48.23%	2.282%
235	18.465	18.414	18.574	VV	345768	5163958	49.11%	2.324%
236	18.634	18.574	18.704	VV	302022	4627498	44.01%	2.082%
237	18.732	18.704	18.765	VV	5869	190748	1.81%	0.086%
238	18.789	18.765	18.818	VV	5438	165237	1.57%	0.074%
239	18.896	18.818	18.921	VV	5468	321831	3.06%	0.145%
240	18.948	18.921	18.966	VV	5617	148915	1.42%	0.067%
241	19.027	18.966	19.090	VV	11720	590169	5.61%	0.266%
242	19.143	19.090	19.165	VV	6602	290735	2.77%	0.131%
243	19.230	19.165	19.255	VV	7514	364428	3.47%	0.164%
244	19.275	19.255	19.292	VV	7087	154165	1.47%	0.069%
245	19.327	19.292	19.343	VV	7332	213737	2.03%	0.096%
246	19.418	19.343	19.515	VV	289641	5005646	47.61%	2.252%
247	19.530	19.515	19.561	VV	9232	244191	2.32%	0.110%
248	19.599	19.561	19.621	VV	9034	313115	2.98%	0.141%
249	19.646	19.621	19.654	VV	9215	180455	1.72%	0.081%
250	19.704	19.654	19.746	VV	9854	527143	5.01%	0.237%
251	19.790	19.746	19.817	VV	13938	490753	4.67%	0.221%
252	19.850	19.817	19.871	VV	11242	354888	3.38%	0.160%
253	19.899	19.871	19.910	VV	11100	253298	2.41%	0.114%
254	20.009	19.910	20.017	VV	12451	742601	7.06%	0.334%
255	20.046	20.017	20.097	VV	12848	603260	5.74%	0.271%
256	20.160	20.097	20.218	VV	295417	4843184	46.06%	2.179%
257	20.229	20.218	20.266	VV	14173	401945	3.82%	0.181%
258	20.319	20.266	20.351	VV	17931	789150	7.51%	0.355%
259	20.386	20.351	20.491	VV	15241	1252949	11.92%	0.564%
260	20.519	20.491	20.571	VV	16004	702998	6.69%	0.316%
261	20.579	20.571	20.593	VV	14178	180177	1.71%	0.081%
262	20.644	20.593	20.664	VV	14751	618846	5.89%	0.278%
263	20.699	20.664	20.743	VV	14631	684617	6.51%	0.308%
264	20.755	20.743	20.814	VV	14308	586028	5.57%	0.264%
265	20.828	20.814	20.859	VV	13594	362772	3.45%	0.163%
266	20.920	20.859	20.982	VV	224419	4796035	45.61%	2.158%
267	20.990	20.982	21.096	VV	14227	920787	8.76%	0.414%
268	21.108	21.096	21.134	VV	12818	288702	2.75%	0.130%
269	21.149	21.134	21.158	VV	12613	176143	1.68%	0.079%

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270	21.176	21.158	21.216	VV	12730	442919	4.21%	0.199%
271	21.243	21.216	21.250	VV	12659	252301	2.40%	0.114%
272	21.266	21.250	21.286	VV	12863	275152	2.62%	0.124%
273	21.298	21.286	21.327	VV	12642	308938	2.94%	0.139%
274	21.351	21.327	21.411	VV	13120	635239	6.04%	0.286%
275	21.437	21.411	21.455	VV	12125	314787	2.99%	0.142%
276	21.498	21.455	21.541	VV	12178	608633	5.79%	0.274%
277	21.570	21.541	21.589	VV	11995	344914	3.28%	0.155%
278	21.608	21.589	21.618	VV	11986	202068	1.92%	0.091%
279	21.629	21.618	21.639	VV	11901	150681	1.43%	0.068%
280	21.646	21.639	21.665	VV	11732	176657	1.68%	0.079%
281	21.670	21.665	21.731	VV	11526	450832	4.29%	0.203%
282	21.741	21.731	21.758	VV	11211	180649	1.72%	0.081%
283	21.765	21.758	21.795	VV	11172	242286	2.30%	0.109%
284	21.872	21.795	21.944	VV	159130	4686947	44.58%	2.109%
285	21.955	21.944	21.980	VV	10935	232287	2.21%	0.105%
286	22.004	21.980	22.023	VV	10773	273202	2.60%	0.123%
287	22.042	22.023	22.052	VV	10856	186534	1.77%	0.084%
288	22.084	22.052	22.195	VV	11350	900161	8.56%	0.405%
289	22.202	22.195	22.267	VV	9876	418644	3.98%	0.188%
290	22.288	22.267	22.311	VBA	9528	272201	2.59%	0.122%

Sum of corrected areas: 222229600

Aliphatic EPH 100725.M Mon Nov 03 01:08:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070111.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 20:14
Operator : YP/AJ
Sample : Q3496-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
DRILL-CUTTINGSMSD

Integration File: autoint1.e
Quant Time: Nov 03 00:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.643	5363835	30.545 ug/ml
Spiked Amount	50.000		Recovery =	61.09%
12) S	1-chlorooctadecane (S...	13.079	4598862	33.879 ug/ml
Spiked Amount	50.000		Recovery =	67.76%
	Target Compounds			
1) T	n-Nonane (C9)	3.380	3222212	23.465 ug/ml
2) T	n-Decane (C10)	4.452	3919183	27.262 ug/ml
3) T	A~Naphthalene (C11.7)	6.046	5318929	32.911 ug/ml
4) T	n-Dodecane (C12)	6.474	4815861	31.420 ug/ml
5) T	A~2-methylnaphthalene...	7.104	5198090	32.580 ug/ml
6) T	n-Tetradecane (C14)	8.274	5372915	33.783 ug/ml
7) T	n-Hexadecane (C16)	9.876	5649480	33.524 ug/ml
8) T	n-Octadecane (C18)	11.321	5675206	33.358 ug/ml
10) T	n-Eicosane (C20)	12.633	5609089	34.962 ug/ml
11) T	n-Heneicosane (C21)	13.245	5464658	35.194 ug/ml
13) T	n-Docosane (C22)	13.832	5355600	34.800 ug/ml
14) T	n-Tetracosane (C24)	14.933	10292803	67.881 ug/ml
15) T	n-Hexacosane (C26)	15.961	4858237	33.565 ug/ml
16) T	n-Octacosane (C28)	16.911	4569453	33.039 ug/ml
17) T	n-Tricontane (C30)	17.802	4384632	32.114 ug/ml
18) T	n-Dotriacontane (C32)	18.634	4186827	32.473 ug/ml
19) T	n-Tetratriacontane (C34)	19.419	4129220	36.190 ug/ml
20) T	n-Hexatriacontane (C36)	20.160	3810159	39.397 ug/ml
21) T	n-Octatriacontane (C38)	20.921	3724649	42.734 ug/ml
22) T	n-Tetracontane (C40)	21.874	3644584	44.358 ug/ml

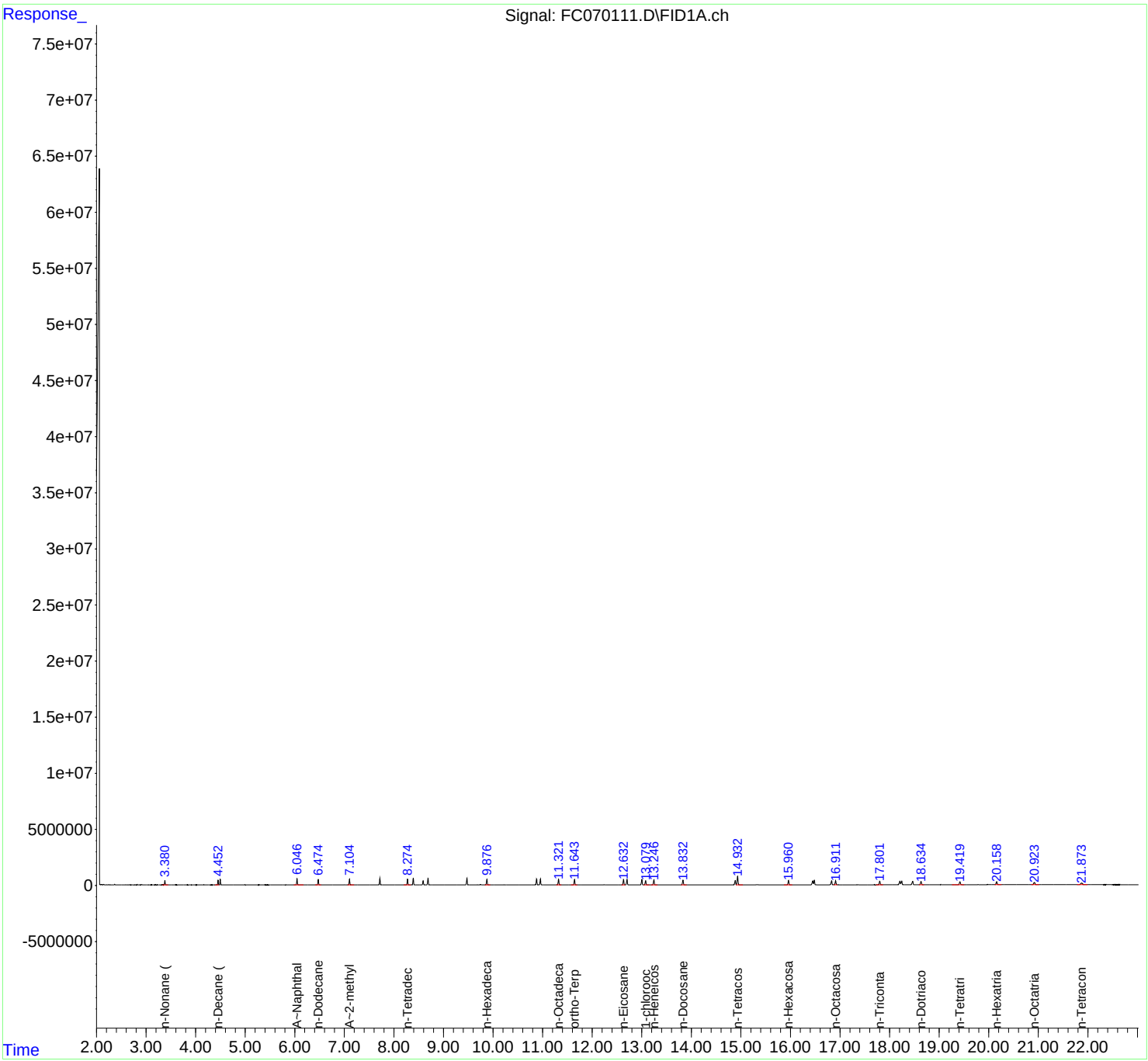
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070111.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 20:14
Operator : YP/AJ
Sample : Q3496-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
DRILL-CUTTINGSMSD

Integration File: autoint1.e
Quant Time: Nov 03 00:19:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 09:35:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um



rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103125AL\
Data File : FC070111.D
Signal(s) : FID1A.ch
Acq On : 31 Oct 2025 20:14
Sample : Q3496-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.268	3.204	3.314	BV	689	14963	0.14%	0.007%
2	3.320	3.314	3.351	VV	125	1104	0.01%	0.001%
3	3.380	3.351	3.472	PV	392844	3242877	31.26%	1.470%
4	3.482	3.472	3.494	VV	353	3753	0.04%	0.002%
5	3.505	3.494	3.545	VV	349	8742	0.08%	0.004%
6	3.562	3.545	3.571	VV	220	2986	0.03%	0.001%
7	3.581	3.571	3.598	VV	229	2646	0.03%	0.001%
8	3.652	3.598	3.670	PV	312	6809	0.07%	0.003%
9	3.694	3.670	3.724	VV	681	13495	0.13%	0.006%
10	3.739	3.724	3.754	VV	713	10313	0.10%	0.005%
11	3.769	3.754	3.837	VV	5787	57921	0.56%	0.026%
12	3.867	3.837	3.916	VV	3827	40986	0.40%	0.019%
13	3.927	3.916	4.016	VV	706	13311	0.13%	0.006%
14	4.052	4.016	4.064	PV	574	8734	0.08%	0.004%
15	4.077	4.064	4.101	VV	544	7464	0.07%	0.003%
16	4.111	4.101	4.124	VV	255	3063	0.03%	0.001%
17	4.147	4.124	4.163	VV	509	6902	0.07%	0.003%
18	4.195	4.163	4.205	VV	390	7146	0.07%	0.003%
19	4.219	4.205	4.243	VV	555	8198	0.08%	0.004%
20	4.261	4.243	4.281	VV	330	5144	0.05%	0.002%
21	4.291	4.281	4.330	VV	325	5521	0.05%	0.003%
22	4.364	4.330	4.421	VV	255	8933	0.09%	0.004%
23	4.452	4.421	4.474	VV	438298	3925549	37.84%	1.780%
24	4.496	4.474	4.541	VV	501464	4458322	42.97%	2.021%
25	4.557	4.541	4.582	VV	5038	57889	0.56%	0.026%
26	4.603	4.582	4.644	VV	7762	82572	0.80%	0.037%
27	4.655	4.644	4.691	VV	493	10649	0.10%	0.005%
28	4.705	4.691	4.720	VV	449	5766	0.06%	0.003%
29	4.736	4.720	4.771	VV	369	8197	0.08%	0.004%
30	4.790	4.771	4.812	VV	279	5346	0.05%	0.002%
31	4.834	4.812	4.854	VV	186	3797	0.04%	0.002%

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32	4.874	4.854	4.898	VV	211	4359	0.04%	0.002%
33	4.904	4.898	4.958	VV	186	5478	0.05%	0.002%
34	4.973	4.958	5.028	VV	193	4888	0.05%	0.002%
35	5.045	5.028	5.072	VV	240	4829	0.05%	0.002%
36	5.098	5.072	5.120	VV	241	4692	0.05%	0.002%
37	5.130	5.120	5.178	VV	170	4154	0.04%	0.002%
38	5.195	5.178	5.214	VV	235	2777	0.03%	0.001%
39	5.224	5.214	5.267	VV	130	2726	0.03%	0.001%
40	5.311	5.267	5.408	VV	290	10342	0.10%	0.005%
41	5.489	5.408	5.510	PV	2090	22855	0.22%	0.010%
42	5.545	5.510	5.577	VV	545	15598	0.15%	0.007%
43	5.596	5.577	5.707	VV	432	13322	0.13%	0.006%
44	5.741	5.707	5.781	VV	1082	16668	0.16%	0.008%
45	5.787	5.781	5.818	VV	346	3384	0.03%	0.002%
46	5.835	5.818	5.868	PV	315	4895	0.05%	0.002%
47	5.875	5.868	5.888	VV	195	1580	0.02%	0.001%
48	5.905	5.888	5.933	VV	153	2796	0.03%	0.001%
49	5.944	5.933	5.955	VV	142	1432	0.01%	0.001%
50	5.976	5.955	5.984	VV	160	1844	0.02%	0.001%
51	6.046	5.984	6.170	VV	559797	5365101	51.71%	2.432%
52	6.185	6.170	6.257	VV	848	27647	0.27%	0.013%
53	6.281	6.257	6.298	VV	361	7325	0.07%	0.003%
54	6.319	6.298	6.330	VV	413	6801	0.07%	0.003%
55	6.348	6.330	6.398	VV	558	16926	0.16%	0.008%
56	6.416	6.398	6.440	VV	304	6194	0.06%	0.003%
57	6.474	6.440	6.534	VV	495096	4843410	46.69%	2.196%
58	6.550	6.534	6.599	VV	1079	24772	0.24%	0.011%
59	6.626	6.599	6.668	VV	678	15601	0.15%	0.007%
60	6.679	6.668	6.707	VV	342	5628	0.05%	0.003%
61	6.721	6.707	6.768	VV	305	8826	0.09%	0.004%
62	6.786	6.768	6.811	VV	313	6016	0.06%	0.003%
63	6.820	6.811	6.844	VV	227	3283	0.03%	0.001%
64	6.854	6.844	6.867	VV	215	2214	0.02%	0.001%
65	6.894	6.867	6.911	VV	353	5708	0.06%	0.003%
66	6.923	6.911	6.933	VV	166	1829	0.02%	0.001%
67	6.958	6.933	6.987	PV	3939	52712	0.51%	0.024%
68	7.010	6.987	7.051	VV	14029	149506	1.44%	0.068%
69	7.104	7.051	7.196	VV	523968	5236343	50.47%	2.374%
70	7.220	7.196	7.274	VV	3728	76557	0.74%	0.035%
71	7.296	7.274	7.348	VV	2779	60606	0.58%	0.027%
72	7.370	7.348	7.384	VV	1295	17805	0.17%	0.008%
73	7.398	7.384	7.424	VV	1576	20762	0.20%	0.009%
74	7.462	7.424	7.478	VV	628	13592	0.13%	0.006%
75	7.490	7.478	7.513	VV	515	6825	0.07%	0.003%
76	7.541	7.513	7.561	VV	521	9111	0.09%	0.004%
77	7.576	7.561	7.604	VV	955	13017	0.13%	0.006%
78	7.616	7.604	7.657	VV	347	6954	0.07%	0.003%
79	7.813	7.798	7.844	VV	1054	23142	0.22%	0.010%

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80	7.854	7.844	7.863	VV	710	7716	0.07%	0.003%
81	7.876	7.863	7.951	VV	900	21450	0.21%	0.010%
82	7.966	7.951	7.991	VV	538	8044	0.08%	0.004%
83	8.022	7.991	8.073	VV	548	12778	0.12%	0.006%
84	8.092	8.073	8.118	VV	261	4347	0.04%	0.002%
85	8.174	8.118	8.217	VV	423	13172	0.13%	0.006%
86	8.274	8.217	8.351	VV	525995	5392605	51.98%	2.445%
87	8.390	8.351	8.484	VV	605369	6101199	58.81%	2.766%
88	8.503	8.484	8.554	VV	1062	23988	0.23%	0.011%
89	8.688	8.658	8.791	VV	584768	6143495	59.22%	2.785%
90	8.803	8.791	8.851	VV	849	20687	0.20%	0.009%
91	8.882	8.851	8.895	VV	389	9394	0.09%	0.004%
92	8.910	8.895	8.931	VV	363	6550	0.06%	0.003%
93	8.962	8.931	9.061	VV	753	29100	0.28%	0.013%
94	9.094	9.061	9.121	VV	1441	19341	0.19%	0.009%
95	9.148	9.121	9.181	VV	322	7249	0.07%	0.003%
96	9.191	9.181	9.228	VV	174	2146	0.02%	0.001%
97	9.239	9.228	9.248	VV	91	577	0.01%	0.000%
98	9.275	9.248	9.305	VV	134	2371	0.02%	0.001%
99	9.326	9.305	9.363	VV	196	4625	0.04%	0.002%
100	9.386	9.363	9.411	VV	148	2775	0.03%	0.001%
101	9.473	9.411	9.589	VV	598745	6237599	60.12%	2.828%
102	9.598	9.589	9.615	VV	587	7263	0.07%	0.003%
103	9.629	9.615	9.641	VV	440	6231	0.06%	0.003%
104	9.685	9.641	9.722	VV	8013	114190	1.10%	0.052%
105	9.747	9.722	9.837	VV	37925	485696	4.68%	0.220%
106	9.876	9.837	9.909	VV	517934	5659478	54.55%	2.566%
107	9.918	9.909	9.958	VV	880	18510	0.18%	0.008%
108	9.982	9.958	10.064	VV	1798	31892	0.31%	0.014%
109	10.067	10.064	10.075	VV	141	635	0.01%	0.000%
110	10.100	10.075	10.121	VV	1192	15098	0.15%	0.007%
111	10.159	10.121	10.190	VV	454	11430	0.11%	0.005%
112	10.220	10.190	10.244	VV	7462	88026	0.85%	0.040%
113	10.261	10.244	10.297	VV	1071	17678	0.17%	0.008%
114	10.317	10.297	10.378	VV	403	11878	0.11%	0.005%
115	10.422	10.378	10.469	PV	413	13984	0.13%	0.006%
116	10.487	10.469	10.511	VV	190	3651	0.04%	0.002%
117	10.540	10.511	10.556	VV	354	6746	0.07%	0.003%
118	10.614	10.556	10.653	VV	855	21372	0.21%	0.010%
119	10.682	10.653	10.706	VV	4506	59526	0.57%	0.027%
120	10.718	10.706	10.744	VV	1059	15607	0.15%	0.007%
121	10.758	10.744	10.805	VV	322	8239	0.08%	0.004%
122	10.879	10.805	10.921	VV	532198	5930385	57.16%	2.689%
123	10.956	10.921	11.055	VV	537025	5935657	57.21%	2.691%
124	11.066	11.055	11.096	VV	1158	20720	0.20%	0.009%
125	11.120	11.096	11.158	VV	3380	48495	0.47%	0.022%
126	11.178	11.158	11.228	VV	2796	49796	0.48%	0.023%

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127	11.248	11.228	11.278	VV	909	18413	0.18%	0.008%
128	11.321	11.278	11.374	VV	508558	5693027	54.88%	2.581%
129	11.399	11.374	11.457	VV	1156	26768	0.26%	0.012%
130	11.484	11.457	11.551	VV	1683	28270	0.27%	0.013%
131	11.578	11.551	11.595	VV	171	3121	0.03%	0.001%
132	11.643	11.595	11.701	VV	491951	5383385	51.89%	2.441%
133	11.710	11.701	11.721	VV	508	5634	0.05%	0.003%
134	11.740	11.721	11.758	VV	631	11877	0.11%	0.005%
135	11.776	11.758	11.788	VV	836	12952	0.12%	0.006%
136	11.804	11.788	11.822	VV	1125	16342	0.16%	0.007%
137	11.831	11.822	11.849	VV	522	6192	0.06%	0.003%
138	11.861	11.849	11.901	VV	365	5664	0.05%	0.003%
139	11.925	11.901	11.939	VV	177	2433	0.02%	0.001%
140	11.949	11.939	11.955	VV	214	1454	0.01%	0.001%
141	11.985	11.955	12.028	VV	741	14955	0.14%	0.007%
142	12.048	12.028	12.063	VV	307	4369	0.04%	0.002%
143	12.085	12.063	12.101	VV	523	6129	0.06%	0.003%
144	12.110	12.101	12.135	VV	115	1186	0.01%	0.001%
145	12.201	12.135	12.219	PV	309	3550	0.03%	0.002%
146	12.239	12.219	12.301	VV	12783	166269	1.60%	0.075%
147	12.320	12.301	12.330	VV	1250	15973	0.15%	0.007%
148	12.348	12.330	12.408	VV	1572	44659	0.43%	0.020%
149	12.419	12.408	12.429	VV	588	6233	0.06%	0.003%
150	12.455	12.429	12.508	VV	1549	29249	0.28%	0.013%
151	12.513	12.508	12.531	VV	173	1586	0.02%	0.001%
152	12.570	12.531	12.594	VV	684	12916	0.12%	0.006%
153	12.633	12.594	12.666	VV	485892	5614520	54.12%	2.546%
154	12.703	12.666	12.811	VV	491311	5657104	54.53%	2.565%
155	12.836	12.811	12.858	VV	351	7343	0.07%	0.003%
156	12.885	12.858	12.940	VV	5770	68602	0.66%	0.031%
157	13.003	12.940	13.037	PV	489104	5523092	53.24%	2.504%
158	13.079	13.037	13.164	VV	376004	4616102	44.50%	2.093%
159	13.189	13.164	13.205	VV	490	9452	0.09%	0.004%
160	13.245	13.205	13.354	VV	446177	5493601	52.95%	2.491%
161	13.371	13.354	13.387	PV	112	1478	0.01%	0.001%
162	13.412	13.387	13.429	VV	236	3520	0.03%	0.002%
163	13.445	13.429	13.458	PV	408	4693	0.05%	0.002%
164	13.471	13.458	13.503	VV	448	7317	0.07%	0.003%
165	13.518	13.503	13.570	VV	183	3774	0.04%	0.002%
166	13.589	13.570	13.605	VV	485	5173	0.05%	0.002%
167	13.621	13.605	13.638	VV	481	5804	0.06%	0.003%
168	13.671	13.638	13.711	VV	1116	20637	0.20%	0.009%
169	13.781	13.711	13.794	VV	1138	18868	0.18%	0.009%
170	13.832	13.794	13.877	VV	436610	5356163	51.63%	2.428%
171	13.887	13.877	13.908	VV	606	7468	0.07%	0.003%
172	13.956	13.908	13.994	VV	2679	39990	0.39%	0.018%
173	14.011	13.994	14.040	VV	1042	14772	0.14%	0.007%
174	14.057	14.040	14.088	VV	537	10137	0.10%	0.005%

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175	14.103	14.088	14.147	VV	247	6883	0.07%	0.003%
176	14.230	14.147	14.250	VV	926	24509	0.24%	0.011%
177	14.265	14.250	14.318	VV	1141	25288	0.24%	0.011%
178	14.347	14.318	14.368	VV	407	9891	0.10%	0.004%
179	14.395	14.368	14.430	VV	1592	32067	0.31%	0.015%
180	14.459	14.430	14.481	VV	1264	23793	0.23%	0.011%
181	14.495	14.481	14.578	VV	741	29866	0.29%	0.014%
182	14.621	14.578	14.633	VV	730	18137	0.17%	0.008%
183	14.637	14.633	14.654	VV	674	7256	0.07%	0.003%
184	14.677	14.654	14.701	VV	727	15696	0.15%	0.007%
185	14.714	14.701	14.736	VV	546	9412	0.09%	0.004%
186	14.773	14.736	14.811	VV	1298	36677	0.35%	0.017%
187	14.828	14.811	14.842	VV	632	11124	0.11%	0.005%
188	14.885	14.842	14.905	VV	399747	5112735	49.28%	2.318%
189	14.933	14.905	15.059	VV	771082	10374428	100.00%	4.704%
190	15.074	15.059	15.097	VV	924	19651	0.19%	0.009%
191	15.125	15.097	15.163	VV	1074	34570	0.33%	0.016%
192	15.180	15.163	15.251	VV	871	36923	0.36%	0.017%
193	15.268	15.251	15.284	VV	721	12299	0.12%	0.006%
194	15.318	15.284	15.426	VV	13552	349039	3.36%	0.158%
195	15.454	15.426	15.497	VV	3674	76687	0.74%	0.035%
196	15.531	15.497	15.574	VV	1540	41866	0.40%	0.019%
197	15.586	15.574	15.601	VV	509	6809	0.07%	0.003%
198	15.645	15.601	15.663	VV	910	19750	0.19%	0.009%
199	15.676	15.663	15.689	VV	530	6665	0.06%	0.003%
200	15.707	15.689	15.731	VV	470	10133	0.10%	0.005%
201	15.780	15.731	15.803	VV	588	19434	0.19%	0.009%
202	15.847	15.803	15.872	VV	804	23784	0.23%	0.011%
203	15.882	15.872	15.890	VV	498	4866	0.05%	0.002%
204	15.961	15.890	16.038	VV	394680	4887556	47.11%	2.216%
205	16.051	16.038	16.066	VV	296	4239	0.04%	0.002%
206	16.078	16.066	16.087	VV	181	2069	0.02%	0.001%
207	16.099	16.087	16.114	VV	234	2229	0.02%	0.001%
208	16.160	16.114	16.218	PV	1273	26275	0.25%	0.012%
209	16.271	16.218	16.314	VV	622	21402	0.21%	0.010%
210	16.346	16.314	16.391	VV	1226	35967	0.35%	0.016%
211	16.449	16.391	16.464	VV	345135	5048494	48.66%	2.289%
212	16.483	16.464	16.560	VV	423405	5024869	48.44%	2.278%
213	16.578	16.560	16.623	VV	1325	38374	0.37%	0.017%
214	16.633	16.623	16.670	VV	827	20509	0.20%	0.009%
215	16.698	16.670	16.751	VV	2526	56428	0.54%	0.026%
216	16.831	16.751	16.874	VV	360183	4875279	46.99%	2.210%
217	16.911	16.874	16.946	VV	360298	4696446	45.27%	2.129%
218	16.958	16.946	17.018	VV	3671	76478	0.74%	0.035%
219	17.039	17.018	17.050	VV	769	14772	0.14%	0.007%
220	17.063	17.050	17.081	VV	811	13388	0.13%	0.006%
221	17.114	17.081	17.123	VV	755	16891	0.16%	0.008%

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222	17.169	17.123	17.191	VV	789	28210	0.27%	0.013%
223	17.198	17.191	17.215	VV	781	10169	0.10%	0.005%
224	17.247	17.215	17.263	VV	1045	25281	0.24%	0.011%
225	17.287	17.263	17.319	VV	1278	36945	0.36%	0.017%
226	17.359	17.319	17.404	VV	6350	125459	1.21%	0.057%
227	17.447	17.404	17.458	VV	1276	35707	0.34%	0.016%
228	17.479	17.458	17.538	VV	1279	54561	0.53%	0.025%
229	17.549	17.538	17.568	VV	1131	19198	0.19%	0.009%
230	17.585	17.568	17.604	VV	1266	25180	0.24%	0.011%
231	17.689	17.604	17.715	VV	2341	101205	0.98%	0.046%
232	17.802	17.715	17.871	VV	312343	4543009	43.79%	2.060%
233	17.887	17.871	17.921	VV	3101	72616	0.70%	0.033%
234	17.951	17.921	17.969	VV	2383	62343	0.60%	0.028%
235	17.997	17.969	18.014	VV	2353	59806	0.58%	0.027%
236	18.035	18.014	18.052	VV	2416	52014	0.50%	0.024%
237	18.096	18.052	18.104	VV	2421	71557	0.69%	0.032%
238	18.207	18.104	18.223	VV	328224	5040645	48.59%	2.285%
239	18.243	18.223	18.395	VV	343756	5098444	49.14%	2.312%
240	18.407	18.395	18.417	VV	4097	51753	0.50%	0.023%
241	18.466	18.417	18.552	VV	318919	5094358	49.10%	2.310%
242	18.561	18.552	18.574	VV	5005	62894	0.61%	0.029%
243	18.634	18.574	18.708	VV	304008	4571191	44.06%	2.072%
244	18.734	18.708	18.771	VV	5757	196156	1.89%	0.089%
245	18.792	18.771	18.812	VV	5599	129075	1.24%	0.059%
246	18.826	18.812	18.844	VV	5175	94358	0.91%	0.043%
247	18.851	18.844	18.861	VV	5038	50622	0.49%	0.023%
248	18.879	18.861	18.893	VV	5410	99370	0.96%	0.045%
249	18.908	18.893	18.936	VV	5408	137467	1.33%	0.062%
250	18.951	18.936	18.968	VV	5716	103579	1.00%	0.047%
251	19.028	18.968	19.088	VV	12759	583169	5.62%	0.264%
252	19.143	19.088	19.177	VV	6586	338885	3.27%	0.154%
253	19.230	19.177	19.254	VV	7425	317567	3.06%	0.144%
254	19.278	19.254	19.300	VV	7053	187422	1.81%	0.085%
255	19.322	19.300	19.344	VV	7244	182934	1.76%	0.083%
256	19.419	19.344	19.508	VV	278992	4896502	47.20%	2.220%
257	19.525	19.508	19.545	VV	9192	195339	1.88%	0.089%
258	19.553	19.545	19.568	VV	8612	118711	1.14%	0.054%
259	19.610	19.568	19.623	VV	9054	291954	2.81%	0.132%
260	19.705	19.623	19.734	VV	10008	624171	6.02%	0.283%
261	19.790	19.734	19.826	VV	14209	624072	6.02%	0.283%
262	19.845	19.826	19.859	VV	11321	214787	2.07%	0.097%
263	19.872	19.859	19.883	VV	10732	156820	1.51%	0.071%
264	19.904	19.883	19.914	VV	11159	202280	1.95%	0.092%
265	19.946	19.914	19.958	VV	11320	292917	2.82%	0.133%
266	20.042	19.958	20.078	VV	13117	881207	8.49%	0.400%
267	20.160	20.078	20.221	VV	265968	4943201	47.65%	2.241%
268	20.232	20.221	20.256	VV	14160	297332	2.87%	0.135%
269	20.320	20.256	20.341	VV	18304	801823	7.73%	0.364%

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270	20.385	20.341	20.455	VV	19023	1156179	11.14%	0.524%
271	20.473	20.455	20.490	VV	14997	314471	3.03%	0.143%
272	20.518	20.490	20.553	VV	16321	575518	5.55%	0.261%
273	20.564	20.553	20.584	VV	14332	264627	2.55%	0.120%
274	20.628	20.584	20.638	VV	14676	459671	4.43%	0.208%
275	20.656	20.638	20.681	VV	14753	380025	3.66%	0.172%
276	20.687	20.681	20.731	VV	14683	433882	4.18%	0.197%
277	20.740	20.731	20.754	VV	14447	200651	1.93%	0.091%
278	20.766	20.754	20.790	VV	14193	295248	2.85%	0.134%
279	20.801	20.790	20.822	VV	13685	259437	2.50%	0.118%
280	20.839	20.822	20.851	VV	13509	239909	2.31%	0.109%
281	20.921	20.851	21.058	VV	208775	5402452	52.07%	2.449%
282	21.064	21.058	21.146	VV	13273	674738	6.50%	0.306%
283	21.160	21.146	21.174	VV	12796	214099	2.06%	0.097%
284	21.218	21.174	21.231	VV	12771	428899	4.13%	0.194%
285	21.251	21.231	21.277	VV	12859	347410	3.35%	0.158%
286	21.286	21.277	21.320	VV	12614	328941	3.17%	0.149%
287	21.358	21.320	21.432	VV	13246	834952	8.05%	0.379%
288	21.452	21.432	21.468	VV	11959	255316	2.46%	0.116%
289	21.500	21.468	21.511	VV	12105	309519	2.98%	0.140%
290	21.519	21.511	21.551	VV	11978	283178	2.73%	0.128%
291	21.561	21.551	21.568	VV	11859	124017	1.20%	0.056%
292	21.579	21.568	21.601	VV	11935	230014	2.22%	0.104%
293	21.618	21.601	21.674	VV	12088	519865	5.01%	0.236%
294	21.682	21.674	21.718	VV	11596	296301	2.86%	0.134%
295	21.738	21.718	21.787	VV	11529	465750	4.49%	0.211%
296	21.874	21.787	21.991	VV	162661	4951720	47.73%	2.245%
297	22.010	21.991	22.032	VV	10789	260087	2.51%	0.118%
298	22.080	22.032	22.168	VV	11224	870606	8.39%	0.395%
299	22.173	22.168	22.228	VV	10373	360822	3.48%	0.164%
300	22.236	22.228	22.254	VV	9814	152576	1.47%	0.069%
301	22.264	22.254	22.311	VBA	9621	341897	3.30%	0.155%

Sum of corrected areas: 220566470

Aliphatic EPH 100725.M Mon Nov 03 01:09:40 2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC100725AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
10 PPM ALIPHATIC HC	FC069940.D	n-Tetratriacontane (C34)	yogesh	10/7/2025 10:33:24 AM	mohammad	10/8/2025 3:35:18	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FC103125AL	Instrument	FID_c

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE103025AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3485-01	FE056583.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:28 PM	yogesh	10/31/2025 4:28:57	Peak Integrated by Software
Q3485-02	FE056584.D	1-chlorooctadecane (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3485-02	FE056584.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:31 PM	yogesh	10/31/2025 4:28:58	Peak Integrated by Software
Q3490-01	FE056595.D	ortho-Terphenyl (SURR)	rahul	10/31/2025 4:28:34 PM	yogesh	10/31/2025 4:29:00	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	FE103125AL	Instrument	FID_e

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3503-05	FE056621.D	ortho-Terphenyl (SURR)	rahul	11/3/2025 8:10:26 AM	yogesh	11/3/2025 8:43:46	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM		
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM		
SubDirectory	FC100725AL	HP Acquire Method		HP Processing Method	FC100725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC069935.D	06 Oct 2025 14:47	YP/AJ	Ok
2	I.BLK	FC069936.D	06 Oct 2025 15:31	YP/AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FC069937.D	06 Oct 2025 16:17	YP/AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FC069938.D	06 Oct 2025 17:03	YP/AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FC069939.D	06 Oct 2025 17:50	YP/AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FC069940.D	06 Oct 2025 18:35	YP/AJ	Ok,M
7	5 PPM ALIPHATIC HC STD5	FC069941.D	06 Oct 2025 19:19	YP/AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FC069942.D	06 Oct 2025 20:02	YP/AJ	Ok
9	I.BLK	FC069943.D	06 Oct 2025 21:29	YP/AJ	Ok
10	20 PPM ALIPHATIC HC STD	FC069944.D	06 Oct 2025 22:12	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC103125AL

Review By	yogesh	Review On	10/31/2025 2:35:43 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:12:04 AM		
SubDirectory	FC103125AL	HP Acquire Method		HP Processing Method	FC100725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FC070096.D	31 Oct 2025 08:47	YP/AJ	Ok
2	I.BLK	FC070097.D	31 Oct 2025 09:29	YP/AJ	Ok
3	20 PPM ALIPHATIC HC STD	FC070098.D	31 Oct 2025 10:11	YP/AJ	Ok
4	PB170345BS	FC070099.D	31 Oct 2025 11:25	YP/AJ	Ok
5	PB170345BSD	FC070100.D	31 Oct 2025 12:06	YP/AJ	Ok
6	PB170345BL	FC070101.D	31 Oct 2025 12:48	YP/AJ	Ok
7	Q3477-03	FC070102.D	31 Oct 2025 13:51	YP/AJ	Ok
8	I.BLK	FC070103.D	31 Oct 2025 14:34	YP/AJ	Ok
9	20 PPM ALIPHATIC HC STD	FC070104.D	31 Oct 2025 15:17	YP/AJ	Ok
10	PB170341BL	FC070105.D	31 Oct 2025 16:00	YP/AJ	Ok
11	PB170341BS	FC070106.D	31 Oct 2025 16:43	YP/AJ	Ok
12	PB170341BSD	FC070107.D	31 Oct 2025 17:25	YP/AJ	Ok
13	Q3496-01	FC070108.D	31 Oct 2025 18:08	YP/AJ	Ok
14	Q3496-01D	FC070109.D	31 Oct 2025 18:50	YP/AJ	Ok
15	Q3496-01MS	FC070110.D	31 Oct 2025 19:32	YP/AJ	Ok
16	Q3496-01MSD	FC070111.D	31 Oct 2025 20:14	YP/AJ	Ok
17	I.BLK	FC070112.D	31 Oct 2025 21:38	YP/AJ	Ok
18	20 PPM ALIPHATIC HC STD	FC070113.D	31 Oct 2025 22:21	YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056573.D	30 Oct 2025 09:19	YP\AJ	Ok
2	I.BLK	FE056574.D	30 Oct 2025 09:49	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FE056575.D	30 Oct 2025 10:20	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FE056576.D	30 Oct 2025 10:50	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FE056577.D	30 Oct 2025 11:20	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FE056578.D	30 Oct 2025 11:51	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FE056579.D	30 Oct 2025 12:21	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FE056580.D	30 Oct 2025 12:51	YP\AJ	Ok
9	I.BLK	FE056581.D	30 Oct 2025 13:21	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FE056582.D	30 Oct 2025 13:52	YP\AJ	Ok
11	Q3485-01	FE056583.D	30 Oct 2025 14:52	YP\AJ	Ok,M
12	Q3485-02	FE056584.D	30 Oct 2025 15:23	YP\AJ	Ok,M
13	Q3486-01	FE056585.D	30 Oct 2025 15:53	YP\AJ	Ok
14	Q3486-02	FE056586.D	30 Oct 2025 16:25	YP\AJ	Ok
15	Q3486-03	FE056587.D	30 Oct 2025 16:56	YP\AJ	Dilution
16	Q3486-04	FE056588.D	30 Oct 2025 17:26	YP\AJ	Ok
17	Q3486-06	FE056589.D	30 Oct 2025 17:57	YP\AJ	Ok
18	Q3486-07	FE056590.D	30 Oct 2025 18:27	YP\AJ	ReRun
19	Q3486-08	FE056591.D	30 Oct 2025 18:58	YP\AJ	ReRun
20	Q3488-01	FE056592.D	30 Oct 2025 19:28	YP\AJ	Ok
21	Q3488-04	FE056593.D	30 Oct 2025 19:59	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3488-06	FE056594.D	30 Oct 2025 20:29	YP\AJ	Dilution
23	Q3490-01	FE056595.D	30 Oct 2025 21:00	YP\AJ	Dilution
24	Q3488-02	FE056596.D	30 Oct 2025 21:30	YP\AJ	Dilution
25	I.BLK	FE056597.D	30 Oct 2025 23:01	YP\AJ	Ok
26	20 PPM ALIPHATIC HC STD	FE056598.D	30 Oct 2025 23:32	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103125AL

Review By	rahul	Review On	11/3/2025 8:10:45 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:54 AM		
SubDirectory	FE103125AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FE056599.D	31 Oct 2025 07:19	YP\AJ	Ok
2	I.BLK	FE056600.D	31 Oct 2025 08:50	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FE056601.D	31 Oct 2025 09:51	YP\AJ	Ok
4	Q3486-07	FE056602.D	31 Oct 2025 10:21	YP\AJ	Ok
5	Q3486-08	FE056603.D	31 Oct 2025 10:52	YP\AJ	Ok
6	Q3486-03DL	FE056604.D	31 Oct 2025 11:22	YP\AJ	Ok
7	Q3488-04DL	FE056605.D	31 Oct 2025 11:56	YP\AJ	Not Ok
8	Q3488-04DL	FE056606.D	31 Oct 2025 12:26	YP\AJ	Ok
9	Q3488-06DL	FE056607.D	31 Oct 2025 12:57	YP\AJ	Ok
10	Q3490-01DL	FE056608.D	31 Oct 2025 13:27	YP\AJ	Ok
11	Q3488-02DL	FE056609.D	31 Oct 2025 13:58	YP\AJ	Ok
12	I.BLK	FE056610.D	31 Oct 2025 14:28	YP\AJ	Ok
13	20 PPM ALIPHATIC HC STD	FE056611.D	31 Oct 2025 14:58	YP\AJ	Ok
14	Q3495-02	FE056612.D	31 Oct 2025 15:59	YP\AJ	Ok
15	Q3496-02	FE056613.D	31 Oct 2025 16:29	YP\AJ	Ok
16	Q3497-01	FE056614.D	31 Oct 2025 17:00	YP\AJ	Ok
17	Q3497-02	FE056615.D	31 Oct 2025 17:30	YP\AJ	Ok
18	Q3499-01	FE056616.D	31 Oct 2025 18:01	YP\AJ	Dilution
19	Q3504-01	FE056617.D	31 Oct 2025 18:31	YP\AJ	Ok
20	Q3501-01	FE056618.D	31 Oct 2025 19:01	YP\AJ	Dilution
21	Q3503-01DL	FE056619.D	31 Oct 2025 19:32	YP\AJ	Ok,NR

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103125AL

Review By	rahul	Review On	11/3/2025 8:10:45 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:54 AM		
SubDirectory	FE103125AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3503-03DL	FE056620.D	31 Oct 2025 20:02	YP\AJ	Ok,NR
23	Q3503-05	FE056621.D	31 Oct 2025 20:32	YP\AJ	Not Ok
24	I.BLK	FE056622.D	31 Oct 2025 22:03	YP\AJ	Ok
25	20 PPM ALIPHATIC HC STD	FE056623.D	31 Oct 2025 22:33	YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC100725AL

Review By	yogesh	Review On	10/7/2025 10:33:30 AM		
Supervise By	mohammad	Supervise On	10/8/2025 3:35:18 AM		
SubDirectory	FC100725AL	HP Acquire Method		HP Processing Method	FC100725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC069935.D	06 Oct 2025 14:47		YP/AJ	Ok
2	I.BLK	I.BLK	FC069936.D	06 Oct 2025 15:31		YP/AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FC069937.D	06 Oct 2025 16:17		YP/AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FC069938.D	06 Oct 2025 17:03		YP/AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069939.D	06 Oct 2025 17:50		YP/AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FC069940.D	06 Oct 2025 18:35		YP/AJ	Ok,M
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FC069941.D	06 Oct 2025 19:19		YP/AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069942.D	06 Oct 2025 20:02		YP/AJ	Ok
9	I.BLK	I.BLK	FC069943.D	06 Oct 2025 21:29		YP/AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC069944.D	06 Oct 2025 22:12		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC103125AL

Review By	yogesh	Review On	10/31/2025 2:35:43 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:12:04 AM		
SubDirectory	FC103125AL	HP Acquire Method		HP Processing Method	FC100725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FC070096.D	31 Oct 2025 08:47		YP/AJ	Ok
2	I.BLK	I.BLK	FC070097.D	31 Oct 2025 09:29		YP/AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070098.D	31 Oct 2025 10:11		YP/AJ	Ok
4	PB170345BS	PB170345BS	FC070099.D	31 Oct 2025 11:25	naphthalene break down - 0.177, 2-methylnephthalene break down - 0.209	YP/AJ	Ok
5	PB170345BSD	PB170345BSD	FC070100.D	31 Oct 2025 12:06	naphthalene break down - 0.241, 2-methylnephthalene break down - 0.180	YP/AJ	Ok
6	PB170345BL	PB170345BL	FC070101.D	31 Oct 2025 12:48		YP/AJ	Ok
7	Q3477-03	SOUTH-MAHWAH-WA	FC070102.D	31 Oct 2025 13:51		YP/AJ	Ok
8	I.BLK	I.BLK	FC070103.D	31 Oct 2025 14:34		YP/AJ	Ok
9	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070104.D	31 Oct 2025 15:17		YP/AJ	Ok
10	PB170341BL	PB170341BL	FC070105.D	31 Oct 2025 16:00		YP/AJ	Ok
11	PB170341BS	PB170341BS	FC070106.D	31 Oct 2025 16:43		YP/AJ	Ok
12	PB170341BSD	PB170341BSD	FC070107.D	31 Oct 2025 17:25		YP/AJ	Ok
13	Q3496-01	DRILL-CUTTINGS	FC070108.D	31 Oct 2025 18:08		YP/AJ	Ok
14	Q3496-01D	Q3496-01D	FC070109.D	31 Oct 2025 18:50		YP/AJ	Ok
15	Q3496-01MS	DRILL-CUTTINGSMS	FC070110.D	31 Oct 2025 19:32	FC070108.D	YP/AJ	Ok
16	Q3496-01MSD	DRILL-CUTTINGSMSD	FC070111.D	31 Oct 2025 20:14	FC070108.D!FC070110.D	YP/AJ	Ok

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Instrument ID: FID_C

Daily Analysis Runlog For Sequence/QCBatch ID # FC103125AL

Review By	yogesh	Review On	10/31/2025 2:35:43 PM		
Supervise By	rahul	Supervise On	11/3/2025 8:12:04 AM		
SubDirectory	FC103125AL	HP Acquire Method		HP Processing Method	FC100725AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	I.BLK	I.BLK	FC070112.D	31 Oct 2025 21:38		YP/AJ	Ok
18	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FC070113.D	31 Oct 2025 22:21		YP/AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056573.D	30 Oct 2025 09:19		YP\AJ	Ok
2	I.BLK	I.BLK	FE056574.D	30 Oct 2025 09:49		YP\AJ	Ok
3	100 PPM ALIPHATIC H	100 PPM ALIPHATIC H	FE056575.D	30 Oct 2025 10:20		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FE056576.D	30 Oct 2025 10:50		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056577.D	30 Oct 2025 11:20		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FE056578.D	30 Oct 2025 11:51		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FE056579.D	30 Oct 2025 12:21		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056580.D	30 Oct 2025 12:51		YP\AJ	Ok
9	I.BLK	I.BLK	FE056581.D	30 Oct 2025 13:21		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056582.D	30 Oct 2025 13:52		YP\AJ	Ok
11	Q3485-01	TR-04-102925	FE056583.D	30 Oct 2025 14:52		YP\AJ	Ok,M
12	Q3485-02	TR-04-102925-E2	FE056584.D	30 Oct 2025 15:23		YP\AJ	Ok,M
13	Q3486-01	TP3	FE056585.D	30 Oct 2025 15:53		YP\AJ	Ok
14	Q3486-02	TP3-E2	FE056586.D	30 Oct 2025 16:25		YP\AJ	Ok
15	Q3486-03	TP4	FE056587.D	30 Oct 2025 16:56	Need 5X,Surrogate fail	YP\AJ	Dilution
16	Q3486-04	TP4-E2	FE056588.D	30 Oct 2025 17:26		YP\AJ	Ok
17	Q3486-06	TP5-E2	FE056589.D	30 Oct 2025 17:57		YP\AJ	Ok
18	Q3486-07	TP6	FE056590.D	30 Oct 2025 18:27	Surrogate fail	YP\AJ	ReRun

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103025AL

Review By	yogesh	Review On	10/30/2025 10:43:15 AM		
Supervise By	Sohil	Supervise On	10/30/2025 4:01:31 PM		
SubDirectory	FE103025AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3486-08	TP6-E2	FE056591.D	30 Oct 2025 18:58	Surrogate fail	YP\AJ	ReRun
20	Q3488-01	MOO-25-0294-0298	FE056592.D	30 Oct 2025 19:28		YP\AJ	Ok
21	Q3488-04	MOO-25-0302-0310	FE056593.D	30 Oct 2025 19:59	Need 500X	YP\AJ	Dilution
22	Q3488-06	MOO-25-0311-0313	FE056594.D	30 Oct 2025 20:29	Need further 20X	YP\AJ	Dilution
23	Q3490-01	LAW-25-0151	FE056595.D	30 Oct 2025 21:00	Need further 10X	YP\AJ	Dilution
24	Q3488-02	MOO-25-0299	FE056596.D	30 Oct 2025 21:30	Need further 20X	YP\AJ	Dilution
25	I.BLK	I.BLK	FE056597.D	30 Oct 2025 23:01		YP\AJ	Ok
26	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056598.D	30 Oct 2025 23:32		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103125AL

Review By	rahul	Review On	11/3/2025 8:10:45 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:54 AM		
SubDirectory	FE103125AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FE056599.D	31 Oct 2025 07:19		YP\AJ	Ok
2	I.BLK	I.BLK	FE056600.D	31 Oct 2025 08:50		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056601.D	31 Oct 2025 09:51		YP\AJ	Ok
4	Q3486-07	TP6	FE056602.D	31 Oct 2025 10:21		YP\AJ	Ok
5	Q3486-08	TP6-E2	FE056603.D	31 Oct 2025 10:52		YP\AJ	Ok
6	Q3486-03DL	TP4DL	FE056604.D	31 Oct 2025 11:22		YP\AJ	Ok
7	Q3488-04DL	MOO-25-0302-0310DL	FE056605.D	31 Oct 2025 11:56	Not Required	YP\AJ	Not Ok
8	Q3488-04DL	MOO-25-0302-0310DL	FE056606.D	31 Oct 2025 12:26		YP\AJ	Ok
9	Q3488-06DL	MOO-25-0311-0313DL	FE056607.D	31 Oct 2025 12:57		YP\AJ	Ok
10	Q3490-01DL	LAW-25-0151DL	FE056608.D	31 Oct 2025 13:27		YP\AJ	Ok
11	Q3488-02DL	MOO-25-0299DL	FE056609.D	31 Oct 2025 13:58		YP\AJ	Ok
12	I.BLK	I.BLK	FE056610.D	31 Oct 2025 14:28		YP\AJ	Ok
13	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056611.D	31 Oct 2025 14:58		YP\AJ	Ok
14	Q3495-02	SB-1025-2	FE056612.D	31 Oct 2025 15:59		YP\AJ	Ok
15	Q3496-02	DRILL-CUTTINGS-E2	FE056613.D	31 Oct 2025 16:29		YP\AJ	Ok
16	Q3497-01	OK-01-103025	FE056614.D	31 Oct 2025 17:00		YP\AJ	Ok
17	Q3497-02	OK-01-103025-E2	FE056615.D	31 Oct 2025 17:30		YP\AJ	Ok
18	Q3499-01	RBR251235	FE056616.D	31 Oct 2025 18:01	Need 5X , 250X	YP\AJ	Dilution

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Instrument ID: FID_E

Daily Analysis Runlog For Sequence/QCBatch ID # FE103125AL

Review By	rahul	Review On	11/3/2025 8:10:45 AM		
Supervise By	yogesh	Supervise On	11/3/2025 8:43:54 AM		
SubDirectory	FE103125AL	HP Acquire Method		HP Processing Method	FE103025AL

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24768,PP24770,PP24771,PP24772,PP24773
CCC	PP24771
Internal Standard/PEM	
ICV/I.BLK	PP24769,PP24774
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3504-01	72-11986	FE056617.D	31 Oct 2025 18:31		YP\AJ	Ok
20	Q3501-01	461	FE056618.D	31 Oct 2025 19:01	Need further 50X	YP\AJ	Dilution
21	Q3503-01DL	322DL	FE056619.D	31 Oct 2025 19:32		YP\AJ	Ok,NR
22	Q3503-03DL	323DL	FE056620.D	31 Oct 2025 20:02		YP\AJ	Ok,NR
23	Q3503-05	324	FE056621.D	31 Oct 2025 20:32	Not Required	YP\AJ	Not Ok
24	I.BLK	I.BLK	FE056622.D	31 Oct 2025 22:03		YP\AJ	Ok
25	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FE056623.D	31 Oct 2025 22:33		YP\AJ	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB170341

SOP ID:	MNJDEP-EPH-8				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/31/2025
Matrix :	Solid			**Extraction Start Time :**	09:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/31/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	13:05
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP25005
Surrogate	1.0ML	100 PPM	PP25012
Fractionation Surrogate	1.0ML	100 PPM	PP24994
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3981
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Q3501-01,Q3503-01 & 03 used Limited volume as samples are Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25	RS(Ext lab)	A-P-PESHPC.
13:10	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170341

Analytical Method: MNJDEP-EPH-8 **Concentration Date:** 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170341BL	PB170341BL	EPH_NF	30.01	N/A	ritesh	Evelyn	2			U4-1
PB170341BS	PB170341BS	EPH_NF	30.02	N/A	ritesh	Evelyn	2			2
PB170341BSD	PB170341BSD	EPH_NF	30.03	N/A	ritesh	Evelyn	2			3
Q3495-02	SB-1025-2	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q3496-01	DRILL-CUTTINGS	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		5
Q3496-01DUP	DRILL-CUTTINGSDUP	EPH_NF	30.04	N/A	ritesh	Evelyn	2	E		6
Q3496-01MS	DRILL-CUTTINGSMS	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		U6-1
Q3496-01MSD	DRILL-CUTTINGSMSD	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E		2
Q3496-02	DRILL-CUTTINGS-E2	EPH_NF	30.01	N/A	ritesh	Evelyn	2			3
Q3497-01	OK-01-103025	EPH_NF	30.06	N/A	ritesh	Evelyn	2	E		4
Q3497-02	OK-01-103025-E2	EPH_NF	30.09	N/A	ritesh	Evelyn	2			5
Q3499-01	RBR251235	EPH_NF	30.05	N/A	ritesh	Evelyn	2	E		6
Q3501-01	461	EPH_NF	5.07	N/A	ritesh	Evelyn	2	E	Oily Debris	U1-1
Q3503-01	322	EPH_NF	5.04	N/A	ritesh	Evelyn	2	E	Oily Debris	2
Q3503-03	323	EPH_NF	30.08	N/A	ritesh	Evelyn	2	E	Small Particles	3
Q3503-05	324	EPH_NF	5.06	N/A	ritesh	Evelyn	2	E	Oily Debris	4
Q3504-01	72-11986	EPH_NF	30.02	N/A	ritesh	Evelyn	2	E		5

RS 10/31

* **Extracts relinquished on the same date as received.**

Q3496

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3496 **WorkList ID :** 192811 **Department :** Extraction **Date :** 10-31-2025 08:25:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-02	SB-1025-2	Solid	EPH_NF	Cool 4 deg C	REMI02	D51	10/27/2025	NJEPH
Q3496-01	DRILL-CUTTINGS	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3496-02	DRILL-CUTTINGS-E2	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3497-01	OK-01-103025	Solid	EPH_NF	Cool 4 deg C	PSEG05	D41	10/30/2025	NJEPH
Q3497-02	OK-01-103025-E2	Solid	EPH_NF	Cool 4 deg C	PSEG05	D41	10/30/2025	NJEPH
Q3499-01	RBR251235	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3501-01	461	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3503-01	322	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3503-03	323	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH
Q3503-05	324	Solid	EPH_NF	Cool 4 deg C	PSEG03	D41	10/30/2025	NJEPH

786 of 950

Date/Time 10/31/25 9:00
Raw Sample Received by: RJ CEI-1046
Raw Sample Relinquished by: (Cool C)

Date/Time 10/31/25 9:25
Raw Sample Received by: (Cool C)
Raw Sample Relinquished by: RJ CEI-1046

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	
			EPH_NF	NJEPH		10/31/25	10/31/25	
Q3495-03	**TW-1025-1**	**WATER**			**10/27/25**			**10/29/25**
			PCB	8082A		10/31/25	10/31/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3495 **Order ID:** Q3495

Client: Remington & Vernick Engineers **Project ID:** Maclearie Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SB-1025-1								
Q3495-01	SB-1025-1	SOIL	Aluminum	3700		0.99	5.91	mg/Kg
Q3495-01	SB-1025-1	SOIL	Arsenic	4.36		0.23	1.18	mg/Kg
Q3495-01	SB-1025-1	SOIL	Barium	9.51		0.86	5.91	mg/Kg
Q3495-01	SB-1025-1	SOIL	Beryllium	0.39		0.030	0.36	mg/Kg
Q3495-01	SB-1025-1	SOIL	Cadmium	0.55		0.028	0.36	mg/Kg
Q3495-01	SB-1025-1	SOIL	Calcium	466		13.1	118	mg/Kg
Q3495-01	SB-1025-1	SOIL	Chromium	14.8		0.056	0.59	mg/Kg
Q3495-01	SB-1025-1	SOIL	Cobalt	1.93		0.12	1.77	mg/Kg
Q3495-01	SB-1025-1	SOIL	Copper	4.81		0.26	1.18	mg/Kg
Q3495-01	SB-1025-1	SOIL	Iron	12200		4.72	5.91	mg/Kg
Q3495-01	SB-1025-1	SOIL	Lead	7.93		0.15	0.71	mg/Kg
Q3495-01	SB-1025-1	SOIL	Magnesium	709		14.2	118	mg/Kg
Q3495-01	SB-1025-1	SOIL	Manganese	23.2		0.17	1.18	mg/Kg
Q3495-01	SB-1025-1	SOIL	Mercury	0.027		0.0090	0.017	mg/Kg
Q3495-01	SB-1025-1	SOIL	Nickel	4.98		0.15	2.36	mg/Kg
Q3495-01	SB-1025-1	SOIL	Potassium	585		32.7	118	mg/Kg
Q3495-01	SB-1025-1	SOIL	Silver	0.51	J	0.14	0.59	mg/Kg
Q3495-01	SB-1025-1	SOIL	Sodium	54.5	J	21.0	118	mg/Kg
Q3495-01	SB-1025-1	SOIL	Vanadium	14.7		0.30	2.36	mg/Kg
Q3495-01	SB-1025-1	SOIL	Zinc	19.4		0.27	2.36	mg/Kg
Client ID : SB-1025-2								
Q3495-02	SB-1025-2	SOIL	Aluminum	2770		0.97	5.79	mg/Kg
Q3495-02	SB-1025-2	SOIL	Arsenic	1.91		0.22	1.16	mg/Kg
Q3495-02	SB-1025-2	SOIL	Barium	8.15		0.85	5.79	mg/Kg
Q3495-02	SB-1025-2	SOIL	Beryllium	0.24	J	0.029	0.35	mg/Kg
Q3495-02	SB-1025-2	SOIL	Cadmium	0.21	J	0.028	0.35	mg/Kg
Q3495-02	SB-1025-2	SOIL	Calcium	390		12.9	116	mg/Kg
Q3495-02	SB-1025-2	SOIL	Chromium	12.4		0.054	0.58	mg/Kg
Q3495-02	SB-1025-2	SOIL	Cobalt	0.92	J	0.12	1.74	mg/Kg
Q3495-02	SB-1025-2	SOIL	Copper	2.18		0.26	1.16	mg/Kg
Q3495-02	SB-1025-2	SOIL	Iron	4970		4.62	5.79	mg/Kg
Q3495-02	SB-1025-2	SOIL	Lead	5.66		0.15	0.70	mg/Kg
Q3495-02	SB-1025-2	SOIL	Magnesium	688		13.9	116	mg/Kg
Q3495-02	SB-1025-2	SOIL	Manganese	22.3		0.16	1.16	mg/Kg
Q3495-02	SB-1025-2	SOIL	Mercury	0.020		0.010	0.018	mg/Kg
Q3495-02	SB-1025-2	SOIL	Nickel	3.34		0.15	2.32	mg/Kg
Q3495-02	SB-1025-2	SOIL	Potassium	514		32.1	116	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q3495 **Order ID:** Q3495

Client: Remington & Vernick Engineers **Project ID:** Maclearie Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3495-02	SB-1025-2	SOIL	Silver	0.20	J	0.14	0.58	mg/Kg
Q3495-02	SB-1025-2	SOIL	Sodium	36.6	J	20.6	116	mg/Kg
Q3495-02	SB-1025-2	SOIL	Vanadium	11.7		0.29	2.32	mg/Kg
Q3495-02	SB-1025-2	SOIL	Zinc	10.9		0.27	2.32	mg/Kg
Client ID :	**TW-1025-1**							
Q3495-03	TW-1025-1	Water	Aluminum	2530		5.67	50.0	ug/L
Q3495-03	TW-1025-1	Water	Barium	130		7.28	50.0	ug/L
Q3495-03	TW-1025-1	Water	Beryllium	0.38	J	0.28	3.00	ug/L
Q3495-03	TW-1025-1	Water	Calcium	56600		117	1000	ug/L
Q3495-03	TW-1025-1	Water	Chromium	16.6		1.06	5.00	ug/L
Q3495-03	TW-1025-1	Water	Iron	17300		11.7	50.0	ug/L
Q3495-03	TW-1025-1	Water	Lead	3.49	J	1.15	6.00	ug/L
Q3495-03	TW-1025-1	Water	Magnesium	22200		122	1000	ug/L
Q3495-03	TW-1025-1	Water	Manganese	88.2		2.97	10.0	ug/L
Q3495-03	TW-1025-1	Water	Nickel	3.61	J	1.53	20.0	ug/L
Q3495-03	TW-1025-1	Water	Potassium	17200		459	1000	ug/L
Q3495-03	TW-1025-1	Water	Sodium	122000		434	1000	ug/L
Q3495-03	TW-1025-1	Water	Vanadium	13.1	J	3.13	20.0	ug/L
Q3495-03	TW-1025-1	Water	Zinc	10.2	J	8.33	20.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3700		1	0.99	5.91	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.96	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-38-2	Arsenic	4.36		1	0.23	1.18	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-39-3	Barium	9.51		1	0.86	5.91	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-41-7	Beryllium	0.39		1	0.030	0.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-43-9	Cadmium	0.55		1	0.028	0.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-70-2	Calcium	466		1	13.1	118	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-47-3	Chromium	14.8	N	1	0.056	0.59	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-48-4	Cobalt	1.93		1	0.12	1.77	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-50-8	Copper	4.81		1	0.26	1.18	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7439-89-6	Iron	12200		1	4.72	5.91	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7439-92-1	Lead	7.93		1	0.15	0.71	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7439-95-4	Magnesium	709		1	14.2	118	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7439-96-5	Manganese	23.2	N	1	0.17	1.18	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7439-97-6	Mercury	0.027		1	0.0090	0.017	mg/Kg	10/31/25 09:25	10/31/25 11:55	7471B	
7440-02-0	Nickel	4.98		1	0.15	2.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-09-7	Potassium	585	N	1	32.7	118	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	1.18	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-22-4	Silver	0.51	J	1	0.14	0.59	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-23-5	Sodium	54.5	J	1	21.0	118	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-62-2	Vanadium	14.7	N	1	0.30	2.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050
7440-66-6	Zinc	19.4	N	1	0.27	2.36	mg/Kg	10/31/25 10:40	11/05/25 12:57	6010D	SW3050

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2770		1	0.97	5.79	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.89	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-38-2	Arsenic	1.91		1	0.22	1.16	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-39-3	Barium	8.15		1	0.85	5.79	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-41-7	Beryllium	0.24	J	1	0.029	0.35	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-43-9	Cadmium	0.21	J	1	0.028	0.35	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-70-2	Calcium	390		1	12.9	116	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-47-3	Chromium	12.4	N	1	0.054	0.58	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-48-4	Cobalt	0.92	J	1	0.12	1.74	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-50-8	Copper	2.18		1	0.26	1.16	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7439-89-6	Iron	4970		1	4.62	5.79	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7439-92-1	Lead	5.66		1	0.15	0.70	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7439-95-4	Magnesium	688		1	13.9	116	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7439-96-5	Manganese	22.3	N	1	0.16	1.16	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7439-97-6	Mercury	0.020		1	0.010	0.018	mg/Kg	10/31/25 09:25	10/31/25 12:05	7471B	
7440-02-0	Nickel	3.34		1	0.15	2.32	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-09-7	Potassium	514	N	1	32.1	116	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	1.16	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-22-4	Silver	0.20	J	1	0.14	0.58	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-23-5	Sodium	36.6	J	1	20.6	116	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.32	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-62-2	Vanadium	11.7	N	1	0.29	2.32	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050
7440-66-6	Zinc	10.9	N	1	0.27	2.32	mg/Kg	10/31/25 10:40	11/04/25 16:47	6010D	SW3050

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2530	N	1	5.67	50.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-39-3	Barium	130		1	7.28	50.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-41-7	Beryllium	0.38	J	1	0.28	3.00	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-70-2	Calcium	56600		1	117	1000	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-47-3	Chromium	16.6		1	1.06	5.00	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7439-89-6	Iron	17300		1	11.7	50.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7439-92-1	Lead	3.49	J	1	1.15	6.00	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7439-95-4	Magnesium	22200		1	122	1000	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7439-96-5	Manganese	88.2	*	1	2.97	10.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	10/31/25 08:35	11/03/25 10:54	7470A	M7470A
7440-02-0	Nickel	3.61	J	1	1.53	20.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-09-7	Potassium	17200	N	1	459	1000	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-23-5	Sodium	122000		1	434	1000	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-62-2	Vanadium	13.1	J	1	3.13	20.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A
7440-66-6	Zinc	10.2	J	1	8.33	20.0	ug/L	10/31/25 12:35	11/03/25 16:54	6010D	M3010A

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB95	Mercury	0.076	+/-0.2	U	0.20	CV	10/31/2025	11:27	LB137725

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Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB14	Mercury	0.076	+/-0.2	U	0.20	CV	10/31/2025	11:32	LB137725
CCB15	Mercury	0.076	+/-0.2	U	0.20	CV	10/31/2025	12:10	LB137725
CCB16	Mercury	0.076	+/-0.2	U	0.20	CV	10/31/2025	12:32	LB137725

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Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB96	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	10:03	LB137738

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Metals

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Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	10:11	LB137738
CCB18	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	10:52	LB137738
CCB19	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	11:22	LB137738
CCB20	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	11:49	LB137738
CCB21	Mercury	0.076	+/-0.2	U	0.20	CV	11/03/2025	12:31	LB137738

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/03/2025	12:31	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	12:31	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	12:31	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	12:31	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	12:31	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	12:31	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	12:31	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	12:31	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	12:31	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	12:31	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	12:31	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	12:31	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	12:31	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	12:31	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	12:31	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	12:31	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	12:31	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	12:31	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	12:31	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	12:31	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	12:31	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	12:31	LB137750

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/03/2025	13:01	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	13:01	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	13:01	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	13:01	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	13:01	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	13:01	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	13:01	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	13:01	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	13:01	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	13:01	LB137750
	Iron	41.6	+/-50	J	100	P	11/03/2025	13:01	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	13:01	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	13:01	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	13:01	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	13:01	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	13:01	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	13:01	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	13:01	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	13:01	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	13:01	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	13:01	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	13:01	LB137750
CCB02	Aluminum	26.9	+/-50	J	100	P	11/03/2025	14:11	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	14:11	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	14:11	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	14:11	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	14:11	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	14:11	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	14:11	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	14:11	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	14:11	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	14:11	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	14:11	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	14:11	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	14:11	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	14:11	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	14:11	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	14:11	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	14:11	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/03/2025	14:11	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	14:11	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	14:11	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	14:11	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	14:11	LB137750
CCB03	Aluminum	13.7	+/-50	J	100	P	11/03/2025	15:04	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	15:04	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	15:04	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	15:04	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	15:04	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	15:04	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	15:04	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	15:04	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	15:04	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	15:04	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	15:04	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	15:04	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	15:04	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	15:04	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	15:04	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	15:04	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	15:04	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	15:04	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	15:04	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	15:04	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	15:04	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	15:04	LB137750
CCB04	Aluminum	11.3	+/-50	U	100	P	11/03/2025	15:55	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	15:55	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	15:55	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	15:55	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	15:55	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	15:55	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	15:55	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	15:55	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	15:55	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	15:55	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	15:55	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	15:55	LB137750

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/03/2025	15:55	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	15:55	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	15:55	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	15:55	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	15:55	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	15:55	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	15:55	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	15:55	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	15:55	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	15:55	LB137750
CCB05	Aluminum	11.3	+/-50	U	100	P	11/03/2025	16:45	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	16:45	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	16:45	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	16:45	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	16:45	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	16:45	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	16:45	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	16:45	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	16:45	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	16:45	LB137750
	Iron	49.8	+/-50	J	100	P	11/03/2025	16:45	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	16:45	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	16:45	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	16:45	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	16:45	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	16:45	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	16:45	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	16:45	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	16:45	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	16:45	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	16:45	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	16:45	LB137750
CCB06	Aluminum	11.3	+/-50	U	100	P	11/03/2025	17:36	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	17:36	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	17:36	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	17:36	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	17:36	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	17:36	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	17:36	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	17:36	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	17:36	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	17:36	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	17:36	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	17:36	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	17:36	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	17:36	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	17:36	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	17:36	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	17:36	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	17:36	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	17:36	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	17:36	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	17:36	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	17:36	LB137750
CCB07	Aluminum	11.3	+/-50	U	100	P	11/03/2025	18:25	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	18:25	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	18:25	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	18:25	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	18:25	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	18:25	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	18:25	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	18:25	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	18:25	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	18:25	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	18:25	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	18:25	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	18:25	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	18:25	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	18:25	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	18:25	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	18:25	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	18:25	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	18:25	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	18:25	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	18:25	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	18:25	LB137750
CCB08	Aluminum	11.3	+/-50	U	100	P	11/03/2025	19:15	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	19:15	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	19:15	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	19:15	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	19:15	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	19:15	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	19:15	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	19:15	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	19:15	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	19:15	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	19:15	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	19:15	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	19:15	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	19:15	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	19:15	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	19:15	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	19:15	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	19:15	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	19:15	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	19:15	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	19:15	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	19:15	LB137750
CCB09	Aluminum	11.3	+/-50	U	100	P	11/03/2025	20:06	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	20:06	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	20:06	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	20:06	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	20:06	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	20:06	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	20:06	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	20:06	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	20:06	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	20:06	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	20:06	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	20:06	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	20:06	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	20:06	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	20:06	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	20:06	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	20:06	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	20:06	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	20:06	LB137750

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	20:06	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	20:06	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	20:06	LB137750
CCB10	Aluminum	11.3	+/-50	U	100	P	11/03/2025	20:19	LB137750
	Antimony	6.76	+/-25	U	50.0	P	11/03/2025	20:19	LB137750
	Arsenic	5.12	+/-10	U	20.0	P	11/03/2025	20:19	LB137750
	Barium	14.6	+/-50	U	100	P	11/03/2025	20:19	LB137750
	Beryllium	0.56	+/-3	U	6.00	P	11/03/2025	20:19	LB137750
	Cadmium	0.50	+/-3	U	6.00	P	11/03/2025	20:19	LB137750
	Calcium	234	+/-1000	U	2000	P	11/03/2025	20:19	LB137750
	Chromium	2.12	+/-5	U	10.0	P	11/03/2025	20:19	LB137750
	Cobalt	2.26	+/-15	U	30.0	P	11/03/2025	20:19	LB137750
	Copper	4.60	+/-10	U	20.0	P	11/03/2025	20:19	LB137750
	Iron	23.4	+/-50	U	100	P	11/03/2025	20:19	LB137750
	Lead	2.30	+/-6	U	12.0	P	11/03/2025	20:19	LB137750
	Magnesium	244	+/-1000	U	2000	P	11/03/2025	20:19	LB137750
	Manganese	5.94	+/-10	U	20.0	P	11/03/2025	20:19	LB137750
	Nickel	3.06	+/-20	U	40.0	P	11/03/2025	20:19	LB137750
	Potassium	918	+/-1000	U	2000	P	11/03/2025	20:19	LB137750
	Selenium	9.64	+/-10	U	20.0	P	11/03/2025	20:19	LB137750
	Silver	1.62	+/-5	U	10.0	P	11/03/2025	20:19	LB137750
	Sodium	868	+/-1000	U	2000	P	11/03/2025	20:19	LB137750
	Thallium	4.38	+/-20	U	40.0	P	11/03/2025	20:19	LB137750
	Vanadium	6.26	+/-20	U	40.0	P	11/03/2025	20:19	LB137750
	Zinc	16.7	+/-20	U	40.0	P	11/03/2025	20:19	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/04/2025	12:20	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	12:20	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	12:20	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	12:20	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	12:20	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	12:20	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	12:20	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	12:20	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	12:20	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	12:20	LB137761
	Iron	23.4	+/-50	U	100	P	11/04/2025	12:20	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	12:20	LB137761
	Magnesium	244	+/-1000	U	2000	P	11/04/2025	12:20	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	12:20	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	12:20	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	12:20	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	12:20	LB137761
	Silver	1.62	+/-5	U	10.0	P	11/04/2025	12:20	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	12:20	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	12:20	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	12:20	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	12:20	LB137761

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/04/2025	13:00	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	13:00	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	13:00	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	13:00	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	13:00	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	13:00	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	13:00	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	13:00	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	13:00	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	13:00	LB137761
	Iron	31.4	+/-50	J	100	P	11/04/2025	13:00	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	13:00	LB137761
	Magnesium	244	+/-1000	U	2000	P	11/04/2025	13:00	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	13:00	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	13:00	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	13:00	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	13:00	LB137761
	Silver	1.62	+/-5	U	10.0	P	11/04/2025	13:00	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	13:00	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	13:00	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	13:00	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	13:00	LB137761
CCB02	Aluminum	11.3	+/-50	U	100	P	11/04/2025	14:03	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	14:03	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	14:03	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	14:03	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	14:03	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	14:03	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	14:03	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	14:03	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	14:03	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	14:03	LB137761
	Iron	23.4	+/-50	U	100	P	11/04/2025	14:03	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	14:03	LB137761
	Magnesium	244	+/-1000	U	2000	P	11/04/2025	14:03	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	14:03	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	14:03	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	14:03	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	14:03	LB137761

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/04/2025	14:03	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	14:03	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	14:03	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	14:03	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	14:03	LB137761
CCB03	Aluminum	16.9	+/-50	J	100	P	11/04/2025	15:10	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	15:10	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	15:10	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	15:10	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	15:10	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	15:10	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	15:10	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	15:10	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	15:10	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	15:10	LB137761
	Iron	23.4	+/-50	U	100	P	11/04/2025	15:10	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	15:10	LB137761
	Magnesium	244	+/-1000	U	2000	P	11/04/2025	15:10	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	15:10	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	15:10	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	15:10	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	15:10	LB137761
	Silver	1.62	+/-5	U	10.0	P	11/04/2025	15:10	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	15:10	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	15:10	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	15:10	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	15:10	LB137761
CCB04	Aluminum	11.3	+/-50	U	100	P	11/04/2025	16:14	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	16:14	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	16:14	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	16:14	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	16:14	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	16:14	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	16:14	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	16:14	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	16:14	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	16:14	LB137761
	Iron	23.4	+/-50	U	100	P	11/04/2025	16:14	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	16:14	LB137761

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/04/2025	16:14	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	16:14	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	16:14	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	16:14	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	16:14	LB137761
	Silver	1.62	+/-5	U	10.0	P	11/04/2025	16:14	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	16:14	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	16:14	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	16:14	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	16:14	LB137761
CCB05	Aluminum	24.8	+/-50	J	100	P	11/04/2025	16:59	LB137761
	Antimony	6.76	+/-25	U	50.0	P	11/04/2025	16:59	LB137761
	Arsenic	5.12	+/-10	U	20.0	P	11/04/2025	16:59	LB137761
	Barium	14.6	+/-50	U	100	P	11/04/2025	16:59	LB137761
	Beryllium	0.56	+/-3	U	6.00	P	11/04/2025	16:59	LB137761
	Cadmium	0.50	+/-3	U	6.00	P	11/04/2025	16:59	LB137761
	Calcium	234	+/-1000	U	2000	P	11/04/2025	16:59	LB137761
	Chromium	2.12	+/-5	U	10.0	P	11/04/2025	16:59	LB137761
	Cobalt	2.26	+/-15	U	30.0	P	11/04/2025	16:59	LB137761
	Copper	4.60	+/-10	U	20.0	P	11/04/2025	16:59	LB137761
	Iron	23.4	+/-50	U	100	P	11/04/2025	16:59	LB137761
	Lead	2.30	+/-6	U	12.0	P	11/04/2025	16:59	LB137761
	Magnesium	244	+/-1000	U	2000	P	11/04/2025	16:59	LB137761
	Manganese	5.94	+/-10	U	20.0	P	11/04/2025	16:59	LB137761
	Nickel	3.06	+/-20	U	40.0	P	11/04/2025	16:59	LB137761
	Potassium	918	+/-1000	U	2000	P	11/04/2025	16:59	LB137761
	Selenium	9.64	+/-10	U	20.0	P	11/04/2025	16:59	LB137761
	Silver	1.62	+/-5	U	10.0	P	11/04/2025	16:59	LB137761
	Sodium	868	+/-1000	U	2000	P	11/04/2025	16:59	LB137761
	Thallium	4.38	+/-20	U	40.0	P	11/04/2025	16:59	LB137761
	Vanadium	6.26	+/-20	U	40.0	P	11/04/2025	16:59	LB137761
	Zinc	16.7	+/-20	U	40.0	P	11/04/2025	16:59	LB137761

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	18.6	+/-50	J	100	P	11/05/2025	11:41	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	11:41	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	11:41	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	11:41	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	11:41	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	11:41	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	11:41	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Iron	29.3	+/-50	J	100	P	11/05/2025	11:41	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	11:41	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	11:41	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	11:41	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	11:41	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	11:41	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	11:41	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	11/05/2025	12:33	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	12:33	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	12:33	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	12:33	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	12:33	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	12:33	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	12:33	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Iron	31.0	+/-50	J	100	P	11/05/2025	12:33	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	12:33	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	12:33	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	12:33	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	12:33	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	12:33	LB137798
CCB02	Aluminum	25.4	+/-50	J	100	P	11/05/2025	13:25	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	13:25	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	13:25	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	13:25	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	13:25	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	13:25	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	13:25	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	13:25	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	13:25	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	13:25	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	13:25	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/05/2025	13:25	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	13:25	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	13:25	LB137798
CCB03	Aluminum	11.3	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	14:18	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	14:18	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	14:18	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	14:18	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	14:18	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	14:18	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	14:18	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	14:18	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	14:18	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	14:18	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	14:18	LB137798
CCB04	Aluminum	11.3	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	15:21	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	15:21	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	15:21	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	15:21	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	15:21	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	15:21	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	15:21	LB137798

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	15:21	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	15:21	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	15:21	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	15:21	LB137798
CCB05	Aluminum	11.3	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	16:25	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	16:25	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	16:25	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	16:25	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	16:25	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	16:25	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	16:25	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Potassium	918	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	16:25	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	16:25	LB137798
	Sodium	868	+/-1000	U	2000	P	11/05/2025	16:25	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	16:25	LB137798
CCB06	Aluminum	11.3	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Antimony	6.76	+/-25	U	50.0	P	11/05/2025	17:08	LB137798
	Arsenic	5.12	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Barium	14.6	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Beryllium	0.56	+/-3	U	6.00	P	11/05/2025	17:08	LB137798
	Cadmium	0.50	+/-3	U	6.00	P	11/05/2025	17:08	LB137798
	Calcium	234	+/-1000	U	2000	P	11/05/2025	17:08	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/05/2025	17:08	LB137798
	Cobalt	2.26	+/-15	U	30.0	P	11/05/2025	17:08	LB137798
	Copper	4.60	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Iron	23.4	+/-50	U	100	P	11/05/2025	17:08	LB137798
	Lead	2.30	+/-6	U	12.0	P	11/05/2025	17:08	LB137798
	Magnesium	244	+/-1000	U	2000	P	11/05/2025	17:08	LB137798
	Manganese	5.94	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Nickel	3.06	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Potassium	1830	+/-1000	J*	2000	P	11/05/2025	17:08	LB137798
	Selenium	9.64	+/-10	U	20.0	P	11/05/2025	17:08	LB137798
	Silver	1.62	+/-5	U	10.0	P	11/05/2025	17:08	LB137798
	Sodium	3440	+/-1000	*	2000	P	11/05/2025	17:08	LB137798
	Thallium	4.38	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Vanadium	6.26	+/-20	U	40.0	P	11/05/2025	17:08	LB137798
	Zinc	16.7	+/-20	U	40.0	P	11/05/2025	17:08	LB137798

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Metals
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PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170349BL		**SOLID**		**Batch Number:**	**PB170349**		**Prep Date:**	**10/31/2025**	
	Mercury	0.0080	<0.013	U	0.013	CV	10/31/2025	11:45	LB137725

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170354BL		**WATER**		**Batch Number:**	**PB170354**		**Prep Date:**	**10/31/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	11/03/2025	10:21	LB137738

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170353BL		**SOLID**		**Batch Number:**	**PB170353**		**Prep Date:**	**10/31/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	11/03/2025	17:19	LB137750
	Antimony	0.22	<1.25	U	2.50	P	11/03/2025	17:19	LB137750
	Arsenic	0.19	<0.5	U	1.00	P	11/03/2025	17:19	LB137750
	Barium	0.73	<2.5	U	5.00	P	11/03/2025	17:19	LB137750
	Beryllium	0.025	<0.15	U	0.30	P	11/03/2025	17:19	LB137750
	Cadmium	0.024	<0.15	U	0.30	P	11/03/2025	17:19	LB137750
	Calcium	11.1	<50	U	100	P	11/03/2025	17:19	LB137750
	Chromium	0.047	<0.25	U	0.50	P	11/03/2025	17:19	LB137750
	Cobalt	0.10	<0.75	U	1.50	P	11/03/2025	17:19	LB137750
	Copper	0.22	<0.5	U	1.00	P	11/03/2025	17:19	LB137750
	Iron	3.99	<2.5	U	5.00	P	11/03/2025	17:19	LB137750
	Lead	0.13	<0.3	U	0.60	P	11/03/2025	17:19	LB137750
	Magnesium	12.0	<50	U	100	P	11/03/2025	17:19	LB137750
	Manganese	0.14	<0.5	U	1.00	P	11/03/2025	17:19	LB137750
	Nickel	0.13	<1	U	2.00	P	11/03/2025	17:19	LB137750
	Potassium	27.7	<50	U	100	P	11/03/2025	17:19	LB137750
	Selenium	0.26	<0.5	U	1.00	P	11/03/2025	17:19	LB137750
	Silver	0.12	<0.25	U	0.50	P	11/03/2025	17:19	LB137750
	Sodium	31.8	<50	J	100	P	11/03/2025	17:19	LB137750
	Thallium	0.23	<1	U	2.00	P	11/03/2025	17:19	LB137750
	Vanadium	0.25	<1	U	2.00	P	11/03/2025	17:19	LB137750
	Zinc	0.23	<1	U	2.00	P	11/03/2025	17:19	LB137750

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170357BL		**WATER**		**Batch Number:**	**PB170357**		**Prep Date:**	**10/31/2025**	
	Aluminum	5.67	<25	U	50.0	P	11/03/2025	16:08	LB137750
	Antimony	3.38	<12.5	U	25.0	P	11/03/2025	16:08	LB137750
	Arsenic	2.56	<5	U	10.0	P	11/03/2025	16:08	LB137750
	Barium	7.28	<25	U	50.0	P	11/03/2025	16:08	LB137750
	Beryllium	0.28	<1.5	U	3.00	P	11/03/2025	16:08	LB137750
	Cadmium	0.25	<1.5	U	3.00	P	11/03/2025	16:08	LB137750
	Calcium	117	<500	U	1000	P	11/03/2025	16:08	LB137750
	Chromium	1.06	<2.5	U	5.00	P	11/03/2025	16:08	LB137750
	Cobalt	1.13	<7.5	U	15.0	P	11/03/2025	16:08	LB137750
	Copper	2.30	<5	U	10.0	P	11/03/2025	16:08	LB137750
	Iron	22.7	<25	J	50.0	P	11/03/2025	16:08	LB137750
	Lead	1.15	<3	U	6.00	P	11/03/2025	16:08	LB137750
	Magnesium	122	<500	U	1000	P	11/03/2025	16:08	LB137750
	Manganese	2.97	<5	U	10.0	P	11/03/2025	16:08	LB137750
	Nickel	1.53	<10	U	20.0	P	11/03/2025	16:08	LB137750

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Instrument: P4

Potassium	459	<500	U	1000	P	11/03/2025	16:08	LB137750
Selenium	4.82	<5	U	10.0	P	11/03/2025	16:08	LB137750
Silver	0.81	<2.5	U	5.00	P	11/03/2025	16:08	LB137750
Sodium	434	<500	U	1000	P	11/03/2025	16:08	LB137750
Thallium	2.19	<10	U	20.0	P	11/03/2025	16:08	LB137750
Vanadium	3.13	<10	U	20.0	P	11/03/2025	16:08	LB137750
Zinc	8.33	<10	U	20.0	P	11/03/2025	16:08	LB137750

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV95	Mercury	4.12	4.0	103	90 - 110	CV	10/31/2025	11:25	LB137725

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV14	Mercury	5.22	5.0	104	90 - 110	CV	10/31/2025	11:30	LB137725
CCV15	Mercury	5.10	5.0	102	90 - 110	CV	10/31/2025	12:07	LB137725
CCV16	Mercury	4.68	5.0	94	90 - 110	CV	10/31/2025	12:29	LB137725

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV96	Mercury	4.35	4.0	109	90 - 110	CV	11/03/2025	10:01	LB137738

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV17	Mercury	5.10	5.0	102	90 - 110	CV	11/03/2025	10:09	LB137738
CCV18	Mercury	5.35	5.0	107	90 - 110	CV	11/03/2025	10:49	LB137738
CCV19	Mercury	4.79	5.0	96	90 - 110	CV	11/03/2025	11:20	LB137738
CCV20	Mercury	4.90	5.0	98	90 - 110	CV	11/03/2025	11:47	LB137738
CCV21	Mercury	4.88	5.0	98	90 - 110	CV	11/03/2025	12:28	LB137738

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8030	8000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Antimony	4170	4000	104	90 - 110	P	11/03/2025	12:08	LB137750
	Arsenic	4060	4000	102	90 - 110	P	11/03/2025	12:08	LB137750
	Barium	7810	8000	98	90 - 110	P	11/03/2025	12:08	LB137750
	Beryllium	205	200	102	90 - 110	P	11/03/2025	12:08	LB137750
	Cadmium	1990	2000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Calcium	20000	20000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Chromium	832	800	104	90 - 110	P	11/03/2025	12:08	LB137750
	Cobalt	2010	2000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Copper	1030	1000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Iron	4060	4000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Lead	4020	4000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Magnesium	20000	20000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Manganese	1960	2000	98	90 - 110	P	11/03/2025	12:08	LB137750
	Nickel	2010	2000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Potassium	19700	20000	99	90 - 110	P	11/03/2025	12:08	LB137750
	Selenium	4110	4000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Silver	1030	1000	103	90 - 110	P	11/03/2025	12:08	LB137750
	Sodium	19000	20000	95	90 - 110	P	11/03/2025	12:08	LB137750
	Thallium	4040	4000	101	90 - 110	P	11/03/2025	12:08	LB137750
	Vanadium	2000	2000	100	90 - 110	P	11/03/2025	12:08	LB137750
	Zinc	2040	2000	102	90 - 110	P	11/03/2025	12:08	LB137750

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	102	100	102	80 - 120	P	11/03/2025	12:27	LB137750
	Antimony	50.2	50.0	100	80 - 120	P	11/03/2025	12:27	LB137750
	Arsenic	20.9	20.0	105	80 - 120	P	11/03/2025	12:27	LB137750
	Barium	92.2	100	92	80 - 120	P	11/03/2025	12:27	LB137750
	Beryllium	6.41	6.0	107	80 - 120	P	11/03/2025	12:27	LB137750
	Cadmium	5.83	6.0	97	80 - 120	P	11/03/2025	12:27	LB137750
	Calcium	2000	2000	100	80 - 120	P	11/03/2025	12:27	LB137750
	Chromium	10.2	10.0	102	80 - 120	P	11/03/2025	12:27	LB137750
	Cobalt	29.4	30.0	98	80 - 120	P	11/03/2025	12:27	LB137750
	Copper	21.5	20.0	108	80 - 120	P	11/03/2025	12:27	LB137750
	Iron	108	100	108	80 - 120	P	11/03/2025	12:27	LB137750
	Lead	11.0	12.0	91	80 - 120	P	11/03/2025	12:27	LB137750
	Magnesium	2110	2000	105	80 - 120	P	11/03/2025	12:27	LB137750
	Manganese	20.8	20.0	104	80 - 120	P	11/03/2025	12:27	LB137750
	Nickel	39.5	40.0	99	80 - 120	P	11/03/2025	12:27	LB137750
	Potassium	1830	2000	92	80 - 120	P	11/03/2025	12:27	LB137750
	Selenium	17.7	20.0	89	80 - 120	P	11/03/2025	12:27	LB137750
	Silver	9.97	10.0	100	80 - 120	P	11/03/2025	12:27	LB137750
	Sodium	1710	2000	85	80 - 120	P	11/03/2025	12:27	LB137750
	Thallium	38.2	40.0	95	80 - 120	P	11/03/2025	12:27	LB137750
	Vanadium	40.2	40.0	100	80 - 120	P	11/03/2025	12:27	LB137750
	Zinc	40.5	40.0	101	80 - 120	P	11/03/2025	12:27	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10200	10000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Antimony	5140	5000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Arsenic	5120	5000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Barium	10200	10000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Beryllium	257	250	103	90 - 110	P	11/03/2025	12:56	LB137750
	Cadmium	2540	2500	102	90 - 110	P	11/03/2025	12:56	LB137750
	Calcium	25800	25000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Chromium	1030	1000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Cobalt	2540	2500	102	90 - 110	P	11/03/2025	12:56	LB137750
	Copper	1280	1250	103	90 - 110	P	11/03/2025	12:56	LB137750
	Iron	5230	5000	104	90 - 110	P	11/03/2025	12:56	LB137750
	Lead	5070	5000	101	90 - 110	P	11/03/2025	12:56	LB137750
	Magnesium	25500	25000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Manganese	2570	2500	103	90 - 110	P	11/03/2025	12:56	LB137750
	Nickel	2540	2500	102	90 - 110	P	11/03/2025	12:56	LB137750
	Potassium	25500	25000	102	90 - 110	P	11/03/2025	12:56	LB137750
	Selenium	5150	5000	103	90 - 110	P	11/03/2025	12:56	LB137750
	Silver	1280	1250	102	90 - 110	P	11/03/2025	12:56	LB137750
	Sodium	25100	25000	100	90 - 110	P	11/03/2025	12:56	LB137750
	Thallium	5330	5000	107	90 - 110	P	11/03/2025	12:56	LB137750
	Vanadium	2570	2500	103	90 - 110	P	11/03/2025	12:56	LB137750
	Zinc	2590	2500	104	90 - 110	P	11/03/2025	12:56	LB137750
CCV02	Aluminum	9830	10000	98	90 - 110	P	11/03/2025	14:07	LB137750
	Antimony	4950	5000	99	90 - 110	P	11/03/2025	14:07	LB137750
	Arsenic	4950	5000	99	90 - 110	P	11/03/2025	14:07	LB137750
	Barium	9540	10000	95	90 - 110	P	11/03/2025	14:07	LB137750
	Beryllium	255	250	102	90 - 110	P	11/03/2025	14:07	LB137750
	Cadmium	2460	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Calcium	24600	25000	98	90 - 110	P	11/03/2025	14:07	LB137750
	Chromium	1010	1000	101	90 - 110	P	11/03/2025	14:07	LB137750
	Cobalt	2450	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Copper	1230	1250	98	90 - 110	P	11/03/2025	14:07	LB137750
	Iron	4850	5000	97	90 - 110	P	11/03/2025	14:07	LB137750
	Lead	4910	5000	98	90 - 110	P	11/03/2025	14:07	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	11/03/2025	14:07	LB137750
	Manganese	2430	2500	97	90 - 110	P	11/03/2025	14:07	LB137750
	Nickel	2450	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Potassium	23900	25000	96	90 - 110	P	11/03/2025	14:07	LB137750
	Selenium	5010	5000	100	90 - 110	P	11/03/2025	14:07	LB137750
	Silver	1240	1250	99	90 - 110	P	11/03/2025	14:07	LB137750
	Sodium	23500	25000	94	90 - 110	P	11/03/2025	14:07	LB137750
	Thallium	5430	5000	109	90 - 110	P	11/03/2025	14:07	LB137750
	Vanadium	2450	2500	98	90 - 110	P	11/03/2025	14:07	LB137750
	Zinc	2500	2500	100	90 - 110	P	11/03/2025	14:07	LB137750
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Antimony	5070	5000	102	90 - 110	P	11/03/2025	15:00	LB137750
	Arsenic	5060	5000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Barium	9920	10000	99	90 - 110	P	11/03/2025	15:00	LB137750
	Beryllium	259	250	103	90 - 110	P	11/03/2025	15:00	LB137750
	Cadmium	2530	2500	101	90 - 110	P	11/03/2025	15:00	LB137750
	Calcium	25300	25000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Chromium	1020	1000	102	90 - 110	P	11/03/2025	15:00	LB137750
	Cobalt	2530	2500	101	90 - 110	P	11/03/2025	15:00	LB137750
	Copper	1280	1250	102	90 - 110	P	11/03/2025	15:00	LB137750
	Iron	5010	5000	100	90 - 110	P	11/03/2025	15:00	LB137750
	Lead	5030	5000	101	90 - 110	P	11/03/2025	15:00	LB137750
	Magnesium	25100	25000	100	90 - 110	P	11/03/2025	15:00	LB137750
	Manganese	2510	2500	100	90 - 110	P	11/03/2025	15:00	LB137750
	Nickel	2540	2500	102	90 - 110	P	11/03/2025	15:00	LB137750
	Potassium	25000	25000	100	90 - 110	P	11/03/2025	15:00	LB137750
	Selenium	5100	5000	102	90 - 110	P	11/03/2025	15:00	LB137750
	Silver	1260	1250	101	90 - 110	P	11/03/2025	15:00	LB137750
	Sodium	25800	25000	103	90 - 110	P	11/03/2025	15:00	LB137750
	Thallium	5140	5000	103	90 - 110	P	11/03/2025	15:00	LB137750
	Vanadium	2520	2500	101	90 - 110	P	11/03/2025	15:00	LB137750
	Zinc	2540	2500	102	90 - 110	P	11/03/2025	15:00	LB137750
CCV04	Aluminum	9770	10000	98	90 - 110	P	11/03/2025	15:51	LB137750
	Antimony	4960	5000	99	90 - 110	P	11/03/2025	15:51	LB137750

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4940	5000	99	90 - 110	P	11/03/2025	15:51	LB137750
	Barium	9490	10000	95	90 - 110	P	11/03/2025	15:51	LB137750
	Beryllium	248	250	99	90 - 110	P	11/03/2025	15:51	LB137750
	Cadmium	2450	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Calcium	24400	25000	98	90 - 110	P	11/03/2025	15:51	LB137750
	Chromium	1010	1000	101	90 - 110	P	11/03/2025	15:51	LB137750
	Cobalt	2450	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Copper	1240	1250	99	90 - 110	P	11/03/2025	15:51	LB137750
	Iron	4840	5000	97	90 - 110	P	11/03/2025	15:51	LB137750
	Lead	4870	5000	97	90 - 110	P	11/03/2025	15:51	LB137750
	Magnesium	24400	25000	98	90 - 110	P	11/03/2025	15:51	LB137750
	Manganese	2390	2500	96	90 - 110	P	11/03/2025	15:51	LB137750
	Nickel	2460	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Potassium	24100	25000	96	90 - 110	P	11/03/2025	15:51	LB137750
	Selenium	4970	5000	100	90 - 110	P	11/03/2025	15:51	LB137750
	Silver	1230	1250	99	90 - 110	P	11/03/2025	15:51	LB137750
	Sodium	24000	25000	96	90 - 110	P	11/03/2025	15:51	LB137750
	Thallium	4790	5000	96	90 - 110	P	11/03/2025	15:51	LB137750
	Vanadium	2440	2500	98	90 - 110	P	11/03/2025	15:51	LB137750
	Zinc	2480	2500	99	90 - 110	P	11/03/2025	15:51	LB137750
CCV05	Aluminum	9690	10000	97	90 - 110	P	11/03/2025	16:41	LB137750
	Antimony	5070	5000	101	90 - 110	P	11/03/2025	16:41	LB137750
	Arsenic	4980	5000	100	90 - 110	P	11/03/2025	16:41	LB137750
	Barium	9610	10000	96	90 - 110	P	11/03/2025	16:41	LB137750
	Beryllium	244	250	98	90 - 110	P	11/03/2025	16:41	LB137750
	Cadmium	2420	2500	97	90 - 110	P	11/03/2025	16:41	LB137750
	Calcium	24400	25000	97	90 - 110	P	11/03/2025	16:41	LB137750
	Chromium	992	1000	99	90 - 110	P	11/03/2025	16:41	LB137750
	Cobalt	2450	2500	98	90 - 110	P	11/03/2025	16:41	LB137750
	Copper	1240	1250	99	90 - 110	P	11/03/2025	16:41	LB137750
	Iron	4900	5000	98	90 - 110	P	11/03/2025	16:41	LB137750
	Lead	4870	5000	97	90 - 110	P	11/03/2025	16:41	LB137750
	Magnesium	24100	25000	96	90 - 110	P	11/03/2025	16:41	LB137750
	Manganese	2400	2500	96	90 - 110	P	11/03/2025	16:41	LB137750

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	11/03/2025	16:41	LB137750
	Potassium	24400	25000	98	90 - 110	P	11/03/2025	16:41	LB137750
	Selenium	5090	5000	102	90 - 110	P	11/03/2025	16:41	LB137750
	Silver	1240	1250	100	90 - 110	P	11/03/2025	16:41	LB137750
	Sodium	23600	25000	94	90 - 110	P	11/03/2025	16:41	LB137750
	Thallium	4970	5000	99	90 - 110	P	11/03/2025	16:41	LB137750
	Vanadium	2430	2500	97	90 - 110	P	11/03/2025	16:41	LB137750
	Zinc	2490	2500	100	90 - 110	P	11/03/2025	16:41	LB137750
CCV06	Aluminum	9660	10000	97	90 - 110	P	11/03/2025	17:32	LB137750
	Antimony	4900	5000	98	90 - 110	P	11/03/2025	17:32	LB137750
	Arsenic	4850	5000	97	90 - 110	P	11/03/2025	17:32	LB137750
	Barium	9540	10000	95	90 - 110	P	11/03/2025	17:32	LB137750
	Beryllium	246	250	98	90 - 110	P	11/03/2025	17:32	LB137750
	Cadmium	2410	2500	96	90 - 110	P	11/03/2025	17:32	LB137750
	Calcium	24200	25000	97	90 - 110	P	11/03/2025	17:32	LB137750
	Chromium	979	1000	98	90 - 110	P	11/03/2025	17:32	LB137750
	Cobalt	2420	2500	97	90 - 110	P	11/03/2025	17:32	LB137750
	Copper	1220	1250	98	90 - 110	P	11/03/2025	17:32	LB137750
	Iron	4840	5000	97	90 - 110	P	11/03/2025	17:32	LB137750
	Lead	4800	5000	96	90 - 110	P	11/03/2025	17:32	LB137750
	Magnesium	24100	25000	96	90 - 110	P	11/03/2025	17:32	LB137750
	Manganese	2420	2500	97	90 - 110	P	11/03/2025	17:32	LB137750
	Nickel	2440	2500	98	90 - 110	P	11/03/2025	17:32	LB137750
	Potassium	23700	25000	95	90 - 110	P	11/03/2025	17:32	LB137750
	Selenium	4910	5000	98	90 - 110	P	11/03/2025	17:32	LB137750
	Silver	1210	1250	97	90 - 110	P	11/03/2025	17:32	LB137750
	Sodium	23500	25000	94	90 - 110	P	11/03/2025	17:32	LB137750
	Thallium	4700	5000	94	90 - 110	P	11/03/2025	17:32	LB137750
	Vanadium	2420	2500	97	90 - 110	P	11/03/2025	17:32	LB137750
	Zinc	2440	2500	98	90 - 110	P	11/03/2025	17:32	LB137750
CCV07	Aluminum	9680	10000	97	90 - 110	P	11/03/2025	18:21	LB137750
	Antimony	4900	5000	98	90 - 110	P	11/03/2025	18:21	LB137750
	Arsenic	4830	5000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Barium	9600	10000	96	90 - 110	P	11/03/2025	18:21	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	248	250	99	90 - 110	P	11/03/2025	18:21	LB137750
	Cadmium	2390	2500	96	90 - 110	P	11/03/2025	18:21	LB137750
	Calcium	24300	25000	97	90 - 110	P	11/03/2025	18:21	LB137750
	Chromium	955	1000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Cobalt	2410	2500	96	90 - 110	P	11/03/2025	18:21	LB137750
	Copper	1210	1250	97	90 - 110	P	11/03/2025	18:21	LB137750
	Iron	4700	5000	94	90 - 110	P	11/03/2025	18:21	LB137750
	Lead	4790	5000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Magnesium	24100	25000	96	90 - 110	P	11/03/2025	18:21	LB137750
	Manganese	2420	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
	Nickel	2430	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
	Potassium	23100	25000	92	90 - 110	P	11/03/2025	18:21	LB137750
	Selenium	4900	5000	98	90 - 110	P	11/03/2025	18:21	LB137750
	Silver	1200	1250	96	90 - 110	P	11/03/2025	18:21	LB137750
	Sodium	23000	25000	92	90 - 110	P	11/03/2025	18:21	LB137750
	Thallium	4760	5000	95	90 - 110	P	11/03/2025	18:21	LB137750
	Vanadium	2420	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
	Zinc	2420	2500	97	90 - 110	P	11/03/2025	18:21	LB137750
CCV08	Aluminum	11.3	10000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Antimony	6.76	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Arsenic	5.12	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Barium	14.6	10000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Beryllium	0.56	250	0	90 - 110	P	11/03/2025	19:11	LB137750
	Cadmium	0.50	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Calcium	234	25000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Chromium	2.12	1000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Cobalt	2.26	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Copper	4.60	1250	0	90 - 110	P	11/03/2025	19:11	LB137750
	Iron	23.4	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Lead	2.30	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Magnesium	244	25000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Manganese	5.94	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Nickel	3.06	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Potassium	918	25000	0	90 - 110	P	11/03/2025	19:11	LB137750

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	9.64	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Silver	1.62	1250	0	90 - 110	P	11/03/2025	19:11	LB137750
	Sodium	868	25000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Thallium	4.38	5000	0	90 - 110	P	11/03/2025	19:11	LB137750
	Vanadium	6.26	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
	Zinc	16.7	2500	0	90 - 110	P	11/03/2025	19:11	LB137750
CCV09	Aluminum	9610	10000	96	90 - 110	P	11/03/2025	20:02	LB137750
	Antimony	4940	5000	99	90 - 110	P	11/03/2025	20:02	LB137750
	Arsenic	4920	5000	98	90 - 110	P	11/03/2025	20:02	LB137750
	Barium	9460	10000	95	90 - 110	P	11/03/2025	20:02	LB137750
	Beryllium	247	250	99	90 - 110	P	11/03/2025	20:02	LB137750
	Cadmium	2440	2500	98	90 - 110	P	11/03/2025	20:02	LB137750
	Calcium	24300	25000	97	90 - 110	P	11/03/2025	20:02	LB137750
	Chromium	989	1000	99	90 - 110	P	11/03/2025	20:02	LB137750
	Cobalt	2440	2500	98	90 - 110	P	11/03/2025	20:02	LB137750
	Copper	1230	1250	99	90 - 110	P	11/03/2025	20:02	LB137750
	Iron	4720	5000	94	90 - 110	P	11/03/2025	20:02	LB137750
	Lead	4860	5000	97	90 - 110	P	11/03/2025	20:02	LB137750
	Magnesium	24200	25000	97	90 - 110	P	11/03/2025	20:02	LB137750
	Manganese	2380	2500	95	90 - 110	P	11/03/2025	20:02	LB137750
	Nickel	2470	2500	99	90 - 110	P	11/03/2025	20:02	LB137750
	Potassium	23300	25000	93	90 - 110	P	11/03/2025	20:02	LB137750
	Selenium	4970	5000	99	90 - 110	P	11/03/2025	20:02	LB137750
	Silver	1220	1250	98	90 - 110	P	11/03/2025	20:02	LB137750
	Sodium	22500	25000	90	90 - 110	P	11/03/2025	20:02	LB137750
	Thallium	4930	5000	98	90 - 110	P	11/03/2025	20:02	LB137750
	Vanadium	2420	2500	97	90 - 110	P	11/03/2025	20:02	LB137750
	Zinc	2460	2500	98	90 - 110	P	11/03/2025	20:02	LB137750
CCV10	Aluminum	9590	10000	96	90 - 110	P	11/03/2025	20:15	LB137750
	Antimony	4920	5000	98	90 - 110	P	11/03/2025	20:15	LB137750
	Arsenic	4870	5000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Barium	9520	10000	95	90 - 110	P	11/03/2025	20:15	LB137750
	Beryllium	246	250	99	90 - 110	P	11/03/2025	20:15	LB137750
	Cadmium	2430	2500	97	90 - 110	P	11/03/2025	20:15	LB137750

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24300	25000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Chromium	974	1000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Cobalt	2440	2500	97	90 - 110	P	11/03/2025	20:15	LB137750
	Copper	1230	1250	98	90 - 110	P	11/03/2025	20:15	LB137750
	Iron	4760	5000	95	90 - 110	P	11/03/2025	20:15	LB137750
	Lead	4840	5000	97	90 - 110	P	11/03/2025	20:15	LB137750
	Magnesium	24000	25000	96	90 - 110	P	11/03/2025	20:15	LB137750
	Manganese	2410	2500	96	90 - 110	P	11/03/2025	20:15	LB137750
	Nickel	2460	2500	98	90 - 110	P	11/03/2025	20:15	LB137750
	Potassium	23200	25000	93	90 - 110	P	11/03/2025	20:15	LB137750
	Selenium	4920	5000	98	90 - 110	P	11/03/2025	20:15	LB137750
	Silver	1210	1250	97	90 - 110	P	11/03/2025	20:15	LB137750
	Sodium	23000	25000	92	90 - 110	P	11/03/2025	20:15	LB137750
	Thallium	4820	5000	96	90 - 110	P	11/03/2025	20:15	LB137750
	Vanadium	2420	2500	97	90 - 110	P	11/03/2025	20:15	LB137750
	Zinc	2450	2500	98	90 - 110	P	11/03/2025	20:15	LB137750

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7720	8000	96	90 - 110	P	11/04/2025	11:58	LB137761
	Antimony	4000	4000	100	90 - 110	P	11/04/2025	11:58	LB137761
	Arsenic	3860	4000	96	90 - 110	P	11/04/2025	11:58	LB137761
	Barium	8060	8000	101	90 - 110	P	11/04/2025	11:58	LB137761
	Beryllium	197	200	98	90 - 110	P	11/04/2025	11:58	LB137761
	Cadmium	1930	2000	96	90 - 110	P	11/04/2025	11:58	LB137761
	Calcium	19600	20000	98	90 - 110	P	11/04/2025	11:58	LB137761
	Chromium	795	800	99	90 - 110	P	11/04/2025	11:58	LB137761
	Cobalt	1960	2000	98	90 - 110	P	11/04/2025	11:58	LB137761
	Copper	1000	1000	100	90 - 110	P	11/04/2025	11:58	LB137761
	Iron	4030	4000	101	90 - 110	P	11/04/2025	11:58	LB137761
	Lead	3800	4000	95	90 - 110	P	11/04/2025	11:58	LB137761
	Magnesium	19400	20000	97	90 - 110	P	11/04/2025	11:58	LB137761
	Manganese	2000	2000	100	90 - 110	P	11/04/2025	11:58	LB137761
	Nickel	1970	2000	98	90 - 110	P	11/04/2025	11:58	LB137761
	Potassium	19700	20000	99	90 - 110	P	11/04/2025	11:58	LB137761
	Selenium	3890	4000	97	90 - 110	P	11/04/2025	11:58	LB137761
	Silver	1040	1000	104	90 - 110	P	11/04/2025	11:58	LB137761
	Sodium	19700	20000	98	90 - 110	P	11/04/2025	11:58	LB137761
	Thallium	3850	4000	96	90 - 110	P	11/04/2025	11:58	LB137761
	Vanadium	1960	2000	98	90 - 110	P	11/04/2025	11:58	LB137761
	Zinc	1970	2000	99	90 - 110	P	11/04/2025	11:58	LB137761

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	101	100	101	80 - 120	P	11/04/2025	12:16	LB137761
	Antimony	50.7	50.0	101	80 - 120	P	11/04/2025	12:16	LB137761
	Arsenic	21.6	20.0	108	80 - 120	P	11/04/2025	12:16	LB137761
	Barium	101	100	100	80 - 120	P	11/04/2025	12:16	LB137761
	Beryllium	6.49	6.0	108	80 - 120	P	11/04/2025	12:16	LB137761
	Cadmium	5.79	6.0	96	80 - 120	P	11/04/2025	12:16	LB137761
	Calcium	2090	2000	105	80 - 120	P	11/04/2025	12:16	LB137761
	Chromium	10.2	10.0	102	80 - 120	P	11/04/2025	12:16	LB137761
	Cobalt	30.1	30.0	100	80 - 120	P	11/04/2025	12:16	LB137761
	Copper	22.6	20.0	113	80 - 120	P	11/04/2025	12:16	LB137761
	Iron	101	100	101	80 - 120	P	11/04/2025	12:16	LB137761
	Lead	12.3	12.0	103	80 - 120	P	11/04/2025	12:16	LB137761
	Magnesium	2170	2000	108	80 - 120	P	11/04/2025	12:16	LB137761
	Manganese	21.7	20.0	108	80 - 120	P	11/04/2025	12:16	LB137761
	Nickel	40.6	40.0	101	80 - 120	P	11/04/2025	12:16	LB137761
	Potassium	1840	2000	92	80 - 120	P	11/04/2025	12:16	LB137761
	Selenium	18.5	20.0	93	80 - 120	P	11/04/2025	12:16	LB137761
	Silver	10.9	10.0	108	80 - 120	P	11/04/2025	12:16	LB137761
	Sodium	1760	2000	88	80 - 120	P	11/04/2025	12:16	LB137761
	Thallium	40.1	40.0	100	80 - 120	P	11/04/2025	12:16	LB137761
	Vanadium	42.3	40.0	106	80 - 120	P	11/04/2025	12:16	LB137761
	Zinc	42.6	40.0	106	80 - 120	P	11/04/2025	12:16	LB137761

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9850	10000	98	90 - 110	P	11/04/2025	12:56	LB137761
	Antimony	4990	5000	100	90 - 110	P	11/04/2025	12:56	LB137761
	Arsenic	5050	5000	101	90 - 110	P	11/04/2025	12:56	LB137761
	Barium	9730	10000	97	90 - 110	P	11/04/2025	12:56	LB137761
	Beryllium	249	250	100	90 - 110	P	11/04/2025	12:56	LB137761
	Cadmium	2520	2500	101	90 - 110	P	11/04/2025	12:56	LB137761
	Calcium	24700	25000	99	90 - 110	P	11/04/2025	12:56	LB137761
	Chromium	1020	1000	102	90 - 110	P	11/04/2025	12:56	LB137761
	Cobalt	2500	2500	100	90 - 110	P	11/04/2025	12:56	LB137761
	Copper	1270	1250	102	90 - 110	P	11/04/2025	12:56	LB137761
	Iron	5010	5000	100	90 - 110	P	11/04/2025	12:56	LB137761
	Lead	4970	5000	100	90 - 110	P	11/04/2025	12:56	LB137761
	Magnesium	24700	25000	99	90 - 110	P	11/04/2025	12:56	LB137761
	Manganese	2440	2500	98	90 - 110	P	11/04/2025	12:56	LB137761
	Nickel	2500	2500	100	90 - 110	P	11/04/2025	12:56	LB137761
	Potassium	24600	25000	98	90 - 110	P	11/04/2025	12:56	LB137761
	Selenium	5020	5000	100	90 - 110	P	11/04/2025	12:56	LB137761
	Silver	1260	1250	100	90 - 110	P	11/04/2025	12:56	LB137761
	Sodium	24200	25000	97	90 - 110	P	11/04/2025	12:56	LB137761
	Thallium	5100	5000	102	90 - 110	P	11/04/2025	12:56	LB137761
	Vanadium	2470	2500	99	90 - 110	P	11/04/2025	12:56	LB137761
	Zinc	2530	2500	101	90 - 110	P	11/04/2025	12:56	LB137761
CCV02	Aluminum	9900	10000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Antimony	4960	5000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Arsenic	4950	5000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Barium	10200	10000	102	90 - 110	P	11/04/2025	13:55	LB137761
	Beryllium	251	250	100	90 - 110	P	11/04/2025	13:55	LB137761
	Cadmium	2480	2500	99	90 - 110	P	11/04/2025	13:55	LB137761
	Calcium	25000	25000	100	90 - 110	P	11/04/2025	13:55	LB137761
	Chromium	998	1000	100	90 - 110	P	11/04/2025	13:55	LB137761
	Cobalt	2480	2500	99	90 - 110	P	11/04/2025	13:55	LB137761
	Copper	1260	1250	100	90 - 110	P	11/04/2025	13:55	LB137761
	Iron	5090	5000	102	90 - 110	P	11/04/2025	13:55	LB137761
	Lead	4910	5000	98	90 - 110	P	11/04/2025	13:55	LB137761

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Manganese	2550	2500	102	90 - 110	P	11/04/2025	13:55	LB137761
	Nickel	2490	2500	99	90 - 110	P	11/04/2025	13:55	LB137761
	Potassium	24800	25000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Selenium	4960	5000	99	90 - 110	P	11/04/2025	13:55	LB137761
	Silver	1250	1250	100	90 - 110	P	11/04/2025	13:55	LB137761
	Sodium	25100	25000	100	90 - 110	P	11/04/2025	13:55	LB137761
	Thallium	5430	5000	109	90 - 110	P	11/04/2025	13:55	LB137761
	Vanadium	2500	2500	100	90 - 110	P	11/04/2025	13:55	LB137761
	Zinc	2500	2500	100	90 - 110	P	11/04/2025	13:55	LB137761
CCV03	Aluminum	9830	10000	98	90 - 110	P	11/04/2025	15:06	LB137761
	Antimony	4930	5000	99	90 - 110	P	11/04/2025	15:06	LB137761
	Arsenic	4950	5000	99	90 - 110	P	11/04/2025	15:06	LB137761
	Barium	9950	10000	100	90 - 110	P	11/04/2025	15:06	LB137761
	Beryllium	252	250	101	90 - 110	P	11/04/2025	15:06	LB137761
	Cadmium	2480	2500	99	90 - 110	P	11/04/2025	15:06	LB137761
	Calcium	24800	25000	99	90 - 110	P	11/04/2025	15:06	LB137761
	Chromium	1000	1000	100	90 - 110	P	11/04/2025	15:06	LB137761
	Cobalt	2480	2500	99	90 - 110	P	11/04/2025	15:06	LB137761
	Copper	1250	1250	100	90 - 110	P	11/04/2025	15:06	LB137761
	Iron	5000	5000	100	90 - 110	P	11/04/2025	15:06	LB137761
	Lead	4920	5000	98	90 - 110	P	11/04/2025	15:06	LB137761
	Magnesium	24700	25000	99	90 - 110	P	11/04/2025	15:06	LB137761
	Manganese	2500	2500	100	90 - 110	P	11/04/2025	15:06	LB137761
	Nickel	2480	2500	99	90 - 110	P	11/04/2025	15:06	LB137761
	Potassium	24300	25000	97	90 - 110	P	11/04/2025	15:06	LB137761
	Selenium	4920	5000	98	90 - 110	P	11/04/2025	15:06	LB137761
	Silver	1250	1250	100	90 - 110	P	11/04/2025	15:06	LB137761
	Sodium	24400	25000	98	90 - 110	P	11/04/2025	15:06	LB137761
	Thallium	4840	5000	97	90 - 110	P	11/04/2025	15:06	LB137761
	Vanadium	2470	2500	99	90 - 110	P	11/04/2025	15:06	LB137761
	Zinc	2490	2500	100	90 - 110	P	11/04/2025	15:06	LB137761
CCV04	Aluminum	9910	10000	99	90 - 110	P	11/04/2025	16:10	LB137761
	Antimony	4990	5000	100	90 - 110	P	11/04/2025	16:10	LB137761

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5050	5000	101	90 - 110	P	11/04/2025	16:10	LB137761
	Barium	9820	10000	98	90 - 110	P	11/04/2025	16:10	LB137761
	Beryllium	254	250	102	90 - 110	P	11/04/2025	16:10	LB137761
	Cadmium	2520	2500	101	90 - 110	P	11/04/2025	16:10	LB137761
	Calcium	24900	25000	100	90 - 110	P	11/04/2025	16:10	LB137761
	Chromium	1020	1000	102	90 - 110	P	11/04/2025	16:10	LB137761
	Cobalt	2500	2500	100	90 - 110	P	11/04/2025	16:10	LB137761
	Copper	1270	1250	102	90 - 110	P	11/04/2025	16:10	LB137761
	Iron	5000	5000	100	90 - 110	P	11/04/2025	16:10	LB137761
	Lead	4970	5000	99	90 - 110	P	11/04/2025	16:10	LB137761
	Magnesium	25000	25000	100	90 - 110	P	11/04/2025	16:10	LB137761
	Manganese	2480	2500	99	90 - 110	P	11/04/2025	16:10	LB137761
	Nickel	2510	2500	100	90 - 110	P	11/04/2025	16:10	LB137761
	Potassium	24300	25000	97	90 - 110	P	11/04/2025	16:10	LB137761
	Selenium	5020	5000	100	90 - 110	P	11/04/2025	16:10	LB137761
	Silver	1260	1250	101	90 - 110	P	11/04/2025	16:10	LB137761
	Sodium	24100	25000	97	90 - 110	P	11/04/2025	16:10	LB137761
	Thallium	5090	5000	102	90 - 110	P	11/04/2025	16:10	LB137761
	Vanadium	2490	2500	100	90 - 110	P	11/04/2025	16:10	LB137761
	Zinc	2540	2500	102	90 - 110	P	11/04/2025	16:10	LB137761
CCV05	Aluminum	10100	10000	101	90 - 110	P	11/04/2025	16:55	LB137761
	Antimony	5020	5000	100	90 - 110	P	11/04/2025	16:55	LB137761
	Arsenic	5050	5000	101	90 - 110	P	11/04/2025	16:55	LB137761
	Barium	9740	10000	97	90 - 110	P	11/04/2025	16:55	LB137761
	Beryllium	253	250	101	90 - 110	P	11/04/2025	16:55	LB137761
	Cadmium	2520	2500	101	90 - 110	P	11/04/2025	16:55	LB137761
	Calcium	25100	25000	100	90 - 110	P	11/04/2025	16:55	LB137761
	Chromium	1030	1000	103	90 - 110	P	11/04/2025	16:55	LB137761
	Cobalt	2510	2500	101	90 - 110	P	11/04/2025	16:55	LB137761
	Copper	1270	1250	102	90 - 110	P	11/04/2025	16:55	LB137761
	Iron	5030	5000	101	90 - 110	P	11/04/2025	16:55	LB137761
	Lead	5010	5000	100	90 - 110	P	11/04/2025	16:55	LB137761
	Magnesium	25100	25000	101	90 - 110	P	11/04/2025	16:55	LB137761
	Manganese	2470	2500	99	90 - 110	P	11/04/2025	16:55	LB137761

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3495

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2520	2500	101	90 - 110	P	11/04/2025	16:55	LB137761
	Potassium	24300	25000	97	90 - 110	P	11/04/2025	16:55	LB137761
	Selenium	5020	5000	100	90 - 110	P	11/04/2025	16:55	LB137761
	Silver	1270	1250	101	90 - 110	P	11/04/2025	16:55	LB137761
	Sodium	23800	25000	95	90 - 110	P	11/04/2025	16:55	LB137761
	Thallium	4820	5000	96	90 - 110	P	11/04/2025	16:55	LB137761
	Vanadium	2500	2500	100	90 - 110	P	11/04/2025	16:55	LB137761
	Zinc	2550	2500	102	90 - 110	P	11/04/2025	16:55	LB137761

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Antimony	3980	4000	100	90 - 110	P	11/05/2025	11:32	LB137798
	Arsenic	3870	4000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Barium	7930	8000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Beryllium	200	200	100	90 - 110	P	11/05/2025	11:32	LB137798
	Cadmium	1930	2000	96	90 - 110	P	11/05/2025	11:32	LB137798
	Calcium	19600	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Chromium	795	800	99	90 - 110	P	11/05/2025	11:32	LB137798
	Cobalt	1950	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Copper	989	1000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Iron	3920	4000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Lead	3780	4000	94	90 - 110	P	11/05/2025	11:32	LB137798
	Magnesium	19600	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Manganese	1980	2000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Nickel	1950	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Potassium	19300	20000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Selenium	3890	4000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Silver	969	1000	97	90 - 110	P	11/05/2025	11:32	LB137798
	Sodium	19500	20000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Thallium	3960	4000	99	90 - 110	P	11/05/2025	11:32	LB137798
	Vanadium	1970	2000	98	90 - 110	P	11/05/2025	11:32	LB137798
	Zinc	1960	2000	98	90 - 110	P	11/05/2025	11:32	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	111	100	112	80 - 120	P	11/05/2025	11:36	LB137798
	Antimony	53.7	50.0	107	80 - 120	P	11/05/2025	11:36	LB137798
	Arsenic	20.7	20.0	103	80 - 120	P	11/05/2025	11:36	LB137798
	Barium	102	100	102	80 - 120	P	11/05/2025	11:36	LB137798
	Beryllium	6.59	6.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Cadmium	6.06	6.0	101	80 - 120	P	11/05/2025	11:36	LB137798
	Calcium	2110	2000	106	80 - 120	P	11/05/2025	11:36	LB137798
	Chromium	11.0	10.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Cobalt	30.5	30.0	102	80 - 120	P	11/05/2025	11:36	LB137798
	Copper	22.1	20.0	110	80 - 120	P	11/05/2025	11:36	LB137798
	Iron	109	100	109	80 - 120	P	11/05/2025	11:36	LB137798
	Lead	12.7	12.0	106	80 - 120	P	11/05/2025	11:36	LB137798
	Magnesium	2200	2000	110	80 - 120	P	11/05/2025	11:36	LB137798
	Manganese	22.2	20.0	111	80 - 120	P	11/05/2025	11:36	LB137798
	Nickel	41.1	40.0	103	80 - 120	P	11/05/2025	11:36	LB137798
	Potassium	1950	2000	97	80 - 120	P	11/05/2025	11:36	LB137798
	Selenium	22.3	20.0	112	80 - 120	P	11/05/2025	11:36	LB137798
	Silver	11.1	10.0	111	80 - 120	P	11/05/2025	11:36	LB137798
	Sodium	1920	2000	96	80 - 120	P	11/05/2025	11:36	LB137798
	Thallium	42.1	40.0	105	80 - 120	P	11/05/2025	11:36	LB137798
	Vanadium	37.5	40.0	94	80 - 120	P	11/05/2025	11:36	LB137798
	Zinc	44.5	40.0	111	80 - 120	P	11/05/2025	11:36	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3495

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9730	10000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Antimony	4920	5000	98	90 - 110	P	11/05/2025	12:23	LB137798
	Arsenic	4920	5000	98	90 - 110	P	11/05/2025	12:23	LB137798
	Barium	9470	10000	95	90 - 110	P	11/05/2025	12:23	LB137798
	Beryllium	244	250	98	90 - 110	P	11/05/2025	12:23	LB137798
	Cadmium	2450	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Calcium	24200	25000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Chromium	1000	1000	100	90 - 110	P	11/05/2025	12:23	LB137798
	Cobalt	2440	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Copper	1230	1250	99	90 - 110	P	11/05/2025	12:23	LB137798
	Iron	4810	5000	96	90 - 110	P	11/05/2025	12:23	LB137798
	Lead	4870	5000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Magnesium	24400	25000	97	90 - 110	P	11/05/2025	12:23	LB137798
	Manganese	2380	2500	95	90 - 110	P	11/05/2025	12:23	LB137798
	Nickel	2450	2500	98	90 - 110	P	11/05/2025	12:23	LB137798
	Potassium	24000	25000	96	90 - 110	P	11/05/2025	12:23	LB137798
	Selenium	4980	5000	100	90 - 110	P	11/05/2025	12:23	LB137798
	Silver	1230	1250	99	90 - 110	P	11/05/2025	12:23	LB137798
	Sodium	23500	25000	94	90 - 110	P	11/05/2025	12:23	LB137798
	Thallium	5130	5000	103	90 - 110	P	11/05/2025	12:23	LB137798
	Vanadium	2430	2500	97	90 - 110	P	11/05/2025	12:23	LB137798
	Zinc	2480	2500	99	90 - 110	P	11/05/2025	12:23	LB137798
CCV02	Aluminum	9580	10000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Antimony	4940	5000	99	90 - 110	P	11/05/2025	13:21	LB137798
	Arsenic	4910	5000	98	90 - 110	P	11/05/2025	13:21	LB137798
	Barium	9430	10000	94	90 - 110	P	11/05/2025	13:21	LB137798
	Beryllium	238	250	95	90 - 110	P	11/05/2025	13:21	LB137798
	Cadmium	2430	2500	97	90 - 110	P	11/05/2025	13:21	LB137798
	Calcium	24000	25000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Chromium	995	1000	100	90 - 110	P	11/05/2025	13:21	LB137798
	Cobalt	2430	2500	97	90 - 110	P	11/05/2025	13:21	LB137798
	Copper	1230	1250	99	90 - 110	P	11/05/2025	13:21	LB137798
	Iron	4940	5000	99	90 - 110	P	11/05/2025	13:21	LB137798
	Lead	4820	5000	96	90 - 110	P	11/05/2025	13:21	LB137798

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23900	25000	96	90 - 110	P	11/05/2025	13:21	LB137798
	Manganese	2370	2500	95	90 - 110	P	11/05/2025	13:21	LB137798
	Nickel	2450	2500	98	90 - 110	P	11/05/2025	13:21	LB137798
	Potassium	24300	25000	97	90 - 110	P	11/05/2025	13:21	LB137798
	Selenium	5000	5000	100	90 - 110	P	11/05/2025	13:21	LB137798
	Silver	1230	1250	98	90 - 110	P	11/05/2025	13:21	LB137798
	Sodium	23200	25000	93	90 - 110	P	11/05/2025	13:21	LB137798
	Thallium	5280	5000	106	90 - 110	P	11/05/2025	13:21	LB137798
	Vanadium	2410	2500	96	90 - 110	P	11/05/2025	13:21	LB137798
	Zinc	2450	2500	98	90 - 110	P	11/05/2025	13:21	LB137798
CCV03	Aluminum	9890	10000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Antimony	5010	5000	100	90 - 110	P	11/05/2025	14:14	LB137798
	Arsenic	4970	5000	100	90 - 110	P	11/05/2025	14:14	LB137798
	Barium	9720	10000	97	90 - 110	P	11/05/2025	14:14	LB137798
	Beryllium	249	250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Cadmium	2460	2500	98	90 - 110	P	11/05/2025	14:14	LB137798
	Calcium	24700	25000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Chromium	1010	1000	101	90 - 110	P	11/05/2025	14:14	LB137798
	Cobalt	2470	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Iron	4960	5000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Lead	4910	5000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Magnesium	24700	25000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Manganese	2470	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Nickel	2500	2500	100	90 - 110	P	11/05/2025	14:14	LB137798
	Potassium	24400	25000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Selenium	5050	5000	101	90 - 110	P	11/05/2025	14:14	LB137798
	Silver	1250	1250	100	90 - 110	P	11/05/2025	14:14	LB137798
	Sodium	24500	25000	98	90 - 110	P	11/05/2025	14:14	LB137798
	Thallium	4950	5000	99	90 - 110	P	11/05/2025	14:14	LB137798
	Vanadium	2480	2500	99	90 - 110	P	11/05/2025	14:14	LB137798
	Zinc	2500	2500	100	90 - 110	P	11/05/2025	14:14	LB137798
CCV04	Aluminum	9720	10000	97	90 - 110	P	11/05/2025	15:16	LB137798
	Antimony	4970	5000	99	90 - 110	P	11/05/2025	15:16	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3495

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4910	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Barium	9810	10000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Beryllium	248	250	99	90 - 110	P	11/05/2025	15:16	LB137798
	Cadmium	2440	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Calcium	24700	25000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Chromium	990	1000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Cobalt	2460	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	15:16	LB137798
	Iron	4910	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Lead	4880	5000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Magnesium	24500	25000	98	90 - 110	P	11/05/2025	15:16	LB137798
	Manganese	2480	2500	99	90 - 110	P	11/05/2025	15:16	LB137798
	Nickel	2490	2500	100	90 - 110	P	11/05/2025	15:16	LB137798
	Potassium	24100	25000	96	90 - 110	P	11/05/2025	15:16	LB137798
	Selenium	4960	5000	99	90 - 110	P	11/05/2025	15:16	LB137798
	Silver	1240	1250	99	90 - 110	P	11/05/2025	15:16	LB137798
	Sodium	24100	25000	96	90 - 110	P	11/05/2025	15:16	LB137798
	Thallium	5150	5000	103	90 - 110	P	11/05/2025	15:16	LB137798
	Vanadium	2450	2500	98	90 - 110	P	11/05/2025	15:16	LB137798
	Zinc	2480	2500	99	90 - 110	P	11/05/2025	15:16	LB137798
CCV05	Aluminum	10100	10000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Antimony	5060	5000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Arsenic	4960	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Barium	9890	10000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Beryllium	256	250	102	90 - 110	P	11/05/2025	16:17	LB137798
	Cadmium	2450	2500	98	90 - 110	P	11/05/2025	16:17	LB137798
	Calcium	25200	25000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Chromium	1010	1000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Cobalt	2480	2500	99	90 - 110	P	11/05/2025	16:17	LB137798
	Copper	1250	1250	100	90 - 110	P	11/05/2025	16:17	LB137798
	Iron	4960	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Lead	4930	5000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Magnesium	25300	25000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Manganese	2540	2500	102	90 - 110	P	11/05/2025	16:17	LB137798

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers
SDG No.: Q3495
Contract: REMI02
Lab Code: ACE
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2510	2500	100	90 - 110	P	11/05/2025	16:17	LB137798
	Potassium	24900	25000	99	90 - 110	P	11/05/2025	16:17	LB137798
	Selenium	5040	5000	101	90 - 110	P	11/05/2025	16:17	LB137798
	Silver	1260	1250	100	90 - 110	P	11/05/2025	16:17	LB137798
	Sodium	25900	25000	104	90 - 110	P	11/05/2025	16:17	LB137798
	Thallium	5360	5000	107	90 - 110	P	11/05/2025	16:17	LB137798
	Vanadium	2520	2500	101	90 - 110	P	11/05/2025	16:17	LB137798
	Zinc	2520	2500	101	90 - 110	P	11/05/2025	16:17	LB137798
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Antimony	5040	5000	101	90 - 110	P	11/05/2025	17:04	LB137798
	Arsenic	4990	5000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Barium	9670	10000	97	90 - 110	P	11/05/2025	17:04	LB137798
	Beryllium	258	250	103	90 - 110	P	11/05/2025	17:04	LB137798
	Cadmium	2500	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Calcium	25000	25000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Chromium	1030	1000	103	90 - 110	P	11/05/2025	17:04	LB137798
	Cobalt	2510	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Copper	1270	1250	102	90 - 110	P	11/05/2025	17:04	LB137798
	Iron	4890	5000	98	90 - 110	P	11/05/2025	17:04	LB137798
	Lead	5000	5000	100	90 - 110	P	11/05/2025	17:04	LB137798
	Magnesium	25200	25000	101	90 - 110	P	11/05/2025	17:04	LB137798
	Manganese	2510	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Nickel	2560	2500	102	90 - 110	P	11/05/2025	17:04	LB137798
	Potassium	26100	25000	105	90 - 110	P	11/05/2025	17:04	LB137798
	Selenium	5090	5000	102	90 - 110	P	11/05/2025	17:04	LB137798
	Silver	1260	1250	101	90 - 110	P	11/05/2025	17:04	LB137798
	Sodium	30000	25000	120	90 - 110	P	11/05/2025	17:04	LB137798
	Thallium	5480	5000	110	90 - 110	P	11/05/2025	17:04	LB137798
	Vanadium	2500	2500	100	90 - 110	P	11/05/2025	17:04	LB137798
	Zinc	2520	2500	101	90 - 110	P	11/05/2025	17:04	LB137798

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.18	0.2	88	70 - 130	CV	10/31/2025	11:35	LB137725
CRA	Mercury	0.17	0.2	83	70 - 130	CV	11/03/2025	10:14	LB137738
CRI01	Aluminum	97.3	100	97	65 - 135	P	11/03/2025	12:35	LB137750
	Antimony	50.7	50.0	102	65 - 135	P	11/03/2025	12:35	LB137750
	Arsenic	20.9	20.0	105	65 - 135	P	11/03/2025	12:35	LB137750
	Barium	98.9	100	99	65 - 135	P	11/03/2025	12:35	LB137750
	Beryllium	6.58	6.0	110	65 - 135	P	11/03/2025	12:35	LB137750
	Cadmium	5.88	6.0	98	65 - 135	P	11/03/2025	12:35	LB137750
	Calcium	2080	2000	104	65 - 135	P	11/03/2025	12:35	LB137750
	Chromium	10.5	10.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Cobalt	29.9	30.0	100	65 - 135	P	11/03/2025	12:35	LB137750
	Copper	22.2	20.0	111	65 - 135	P	11/03/2025	12:35	LB137750
	Iron	104	100	104	65 - 135	P	11/03/2025	12:35	LB137750
	Lead	12.7	12.0	106	65 - 135	P	11/03/2025	12:35	LB137750
	Magnesium	2160	2000	108	65 - 135	P	11/03/2025	12:35	LB137750
	Manganese	21.7	20.0	108	65 - 135	P	11/03/2025	12:35	LB137750
	Nickel	40.3	40.0	101	65 - 135	P	11/03/2025	12:35	LB137750
	Potassium	1870	2000	93	65 - 135	P	11/03/2025	12:35	LB137750
	Selenium	17.2	20.0	86	65 - 135	P	11/03/2025	12:35	LB137750
	Silver	10.2	10.0	102	65 - 135	P	11/03/2025	12:35	LB137750
	Sodium	1820	2000	91	65 - 135	P	11/03/2025	12:35	LB137750
	Thallium	40.1	40.0	100	65 - 135	P	11/03/2025	12:35	LB137750
	Vanadium	39.2	40.0	98	65 - 135	P	11/03/2025	12:35	LB137750
	Zinc	42.3	40.0	106	65 - 135	P	11/03/2025	12:35	LB137750
CRI01	Aluminum	98.6	100	99	65 - 135	P	11/04/2025	12:24	LB137761
	Antimony	50.7	50.0	101	65 - 135	P	11/04/2025	12:24	LB137761
	Arsenic	19.3	20.0	96	65 - 135	P	11/04/2025	12:24	LB137761
	Barium	104	100	104	65 - 135	P	11/04/2025	12:24	LB137761
	Beryllium	6.55	6.0	109	65 - 135	P	11/04/2025	12:24	LB137761
	Cadmium	5.82	6.0	97	65 - 135	P	11/04/2025	12:24	LB137761
	Calcium	2120	2000	106	65 - 135	P	11/04/2025	12:24	LB137761
	Chromium	10.1	10.0	101	65 - 135	P	11/04/2025	12:24	LB137761
	Cobalt	30.1	30.0	100	65 - 135	P	11/04/2025	12:24	LB137761
	Copper	22.6	20.0	113	65 - 135	P	11/04/2025	12:24	LB137761
	Iron	103	100	103	65 - 135	P	11/04/2025	12:24	LB137761

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	12.7	12.0	106	65 - 135	P	11/04/2025	12:24	LB137761
	Magnesium	2160	2000	108	65 - 135	P	11/04/2025	12:24	LB137761
	Manganese	21.5	20.0	107	65 - 135	P	11/04/2025	12:24	LB137761
	Nickel	40.9	40.0	102	65 - 135	P	11/04/2025	12:24	LB137761
	Potassium	1850	2000	93	65 - 135	P	11/04/2025	12:24	LB137761
	Selenium	18.0	20.0	90	65 - 135	P	11/04/2025	12:24	LB137761
	Silver	11.0	10.0	110	65 - 135	P	11/04/2025	12:24	LB137761
	Sodium	1840	2000	92	65 - 135	P	11/04/2025	12:24	LB137761
	Thallium	40.9	40.0	102	65 - 135	P	11/04/2025	12:24	LB137761
	Vanadium	45.5	40.0	114	65 - 135	P	11/04/2025	12:24	LB137761
	Zinc	42.9	40.0	107	65 - 135	P	11/04/2025	12:24	LB137761
CRI01	Aluminum	104	100	104	65 - 135	P	11/05/2025	11:49	LB137798
	Antimony	52.4	50.0	105	65 - 135	P	11/05/2025	11:49	LB137798
	Arsenic	19.1	20.0	96	65 - 135	P	11/05/2025	11:49	LB137798
	Barium	100	100	100	65 - 135	P	11/05/2025	11:49	LB137798
	Beryllium	6.41	6.0	107	65 - 135	P	11/05/2025	11:49	LB137798
	Cadmium	5.94	6.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Calcium	2100	2000	105	65 - 135	P	11/05/2025	11:49	LB137798
	Chromium	10.8	10.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Cobalt	29.9	30.0	100	65 - 135	P	11/05/2025	11:49	LB137798
	Copper	21.7	20.0	108	65 - 135	P	11/05/2025	11:49	LB137798
	Iron	108	100	108	65 - 135	P	11/05/2025	11:49	LB137798
	Lead	11.9	12.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Magnesium	2190	2000	110	65 - 135	P	11/05/2025	11:49	LB137798
	Manganese	22.2	20.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Nickel	40.3	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Potassium	1970	2000	99	65 - 135	P	11/05/2025	11:49	LB137798
	Selenium	19.8	20.0	99	65 - 135	P	11/05/2025	11:49	LB137798
	Silver	11.1	10.0	111	65 - 135	P	11/05/2025	11:49	LB137798
	Sodium	1860	2000	93	65 - 135	P	11/05/2025	11:49	LB137798
	Thallium	40.5	40.0	101	65 - 135	P	11/05/2025	11:49	LB137798
	Vanadium	36.1	40.0	90	65 - 135	P	11/05/2025	11:49	LB137798
	Zinc	43.6	40.0	109	65 - 135	P	11/05/2025	11:49	LB137798

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	244000	255000	96	216000	294000	11/03/2025	12:40	LB137750
	Antimony	-3.54			-50	50	11/03/2025	12:40	LB137750
	Arsenic	6.54			-20	20	11/03/2025	12:40	LB137750
	Barium	-0.78	6.0	13	-94	106	11/03/2025	12:40	LB137750
	Beryllium	1.77			-6	6	11/03/2025	12:40	LB137750
	Cadmium	0.78	1.0	78	-5	7	11/03/2025	12:40	LB137750
	Calcium	234000	245000	96	208000	282000	11/03/2025	12:40	LB137750
	Chromium	48.6	52.0	94	42	62	11/03/2025	12:40	LB137750
	Cobalt	1.81			-30	30	11/03/2025	12:40	LB137750
	Copper	-10.2	2.0	510	-18	22	11/03/2025	12:40	LB137750
	Iron	95700	101000	95	85600	116500	11/03/2025	12:40	LB137750
	Lead	1.29			-12	12	11/03/2025	12:40	LB137750
	Magnesium	247000	255000	97	216000	294000	11/03/2025	12:40	LB137750
	Manganese	7.51	7.0	107	-13	27	11/03/2025	12:40	LB137750
	Nickel	4.87	2.0	244	-38	42	11/03/2025	12:40	LB137750
	Potassium	42.4			0	0	11/03/2025	12:40	LB137750
	Selenium	-1.21			-20	20	11/03/2025	12:40	LB137750
	Silver	0.99			-10	10	11/03/2025	12:40	LB137750
	Sodium	80.1			0	0	11/03/2025	12:40	LB137750
	Thallium	6.94			-40	40	11/03/2025	12:40	LB137750
	Vanadium	5.24			-40	40	11/03/2025	12:40	LB137750
	Zinc	1.65			-40	40	11/03/2025	12:40	LB137750
ICSAB01	Aluminum	253000	247000	102	209000	285000	11/03/2025	12:44	LB137750
	Antimony	603	618	98	525	711	11/03/2025	12:44	LB137750
	Arsenic	108	104	104	88.4	120	11/03/2025	12:44	LB137750
	Barium	492	537	92	437	637	11/03/2025	12:44	LB137750
	Beryllium	520	495	105	420	570	11/03/2025	12:44	LB137750
	Cadmium	989	972	102	826	1120	11/03/2025	12:44	LB137750
	Calcium	241000	235000	103	199000	271000	11/03/2025	12:44	LB137750
	Chromium	564	542	104	460	624	11/03/2025	12:44	LB137750
	Cobalt	501	476	105	404	548	11/03/2025	12:44	LB137750
	Copper	464	511	91	434	588	11/03/2025	12:44	LB137750
	Iron	99500	99300	100	84400	114500	11/03/2025	12:44	LB137750
	Lead	50.4	49.0	103	37	61	11/03/2025	12:44	LB137750
	Magnesium	254000	248000	102	210000	286000	11/03/2025	12:44	LB137750
	Manganese	502	507	99	430	584	11/03/2025	12:44	LB137750
	Nickel	999	954	105	810	1100	11/03/2025	12:44	LB137750
	Potassium	4.93			0	0	11/03/2025	12:44	LB137750
	Selenium	50.0	46.0	109	26	66	11/03/2025	12:44	LB137750
	Silver	209	201	104	170	232	11/03/2025	12:44	LB137750
	Sodium	113			0	0	11/03/2025	12:44	LB137750
	Thallium	118	108	109	68	148	11/03/2025	12:44	LB137750

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	491	491	100	417	565	11/03/2025	12:44	LB137750
	Zinc	1040	952	109	809	1095	11/03/2025	12:44	LB137750
ICSA01	Aluminum	242000	255000	95	216000	294000	11/04/2025	12:34	LB137761
	Antimony	-2.15			-50	50	11/04/2025	12:34	LB137761
	Arsenic	6.76			-20	20	11/04/2025	12:34	LB137761
	Barium	0.033	6.0	1	-94	106	11/04/2025	12:34	LB137761
	Beryllium	1.62			-6	6	11/04/2025	12:34	LB137761
	Cadmium	0.77	1.0	77	-5	7	11/04/2025	12:34	LB137761
	Calcium	230000	245000	94	208000	282000	11/04/2025	12:34	LB137761
	Chromium	50.4	52.0	97	42	62	11/04/2025	12:34	LB137761
	Cobalt	1.89			-30	30	11/04/2025	12:34	LB137761
	Copper	-14.6	2.0	730	-18	22	11/04/2025	12:34	LB137761
	Iron	99300	101000	98	85600	116500	11/04/2025	12:34	LB137761
	Lead	1.90			-12	12	11/04/2025	12:34	LB137761
	Magnesium	244000	255000	96	216000	294000	11/04/2025	12:34	LB137761
	Manganese	7.57	7.0	108	-13	27	11/04/2025	12:34	LB137761
	Nickel	5.37	2.0	268	-38	42	11/04/2025	12:34	LB137761
	Potassium	-8.20			0	0	11/04/2025	12:34	LB137761
	Selenium	3.17			-20	20	11/04/2025	12:34	LB137761
	Silver	1.79			-10	10	11/04/2025	12:34	LB137761
	Sodium	46.0			0	0	11/04/2025	12:34	LB137761
	Thallium	5.58			-40	40	11/04/2025	12:34	LB137761
	Vanadium	5.04			-40	40	11/04/2025	12:34	LB137761
	Zinc	3.13			-40	40	11/04/2025	12:34	LB137761
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/04/2025	12:38	LB137761
	Antimony	596	618	96	525	711	11/04/2025	12:38	LB137761
	Arsenic	106	104	102	88.4	120	11/04/2025	12:38	LB137761
	Barium	500	537	93	437	637	11/04/2025	12:38	LB137761
	Beryllium	516	495	104	420	570	11/04/2025	12:38	LB137761
	Cadmium	997	972	103	826	1120	11/04/2025	12:38	LB137761
	Calcium	238000	235000	101	199000	271000	11/04/2025	12:38	LB137761
	Chromium	549	542	101	460	624	11/04/2025	12:38	LB137761
	Cobalt	503	476	106	404	548	11/04/2025	12:38	LB137761
	Copper	467	511	91	434	588	11/04/2025	12:38	LB137761
	Iron	99600	99300	100	84400	114500	11/04/2025	12:38	LB137761
	Lead	51.2	49.0	104	37	61	11/04/2025	12:38	LB137761
	Magnesium	252000	248000	102	210000	286000	11/04/2025	12:38	LB137761
	Manganese	505	507	100	430	584	11/04/2025	12:38	LB137761
	Nickel	1000	954	105	810	1100	11/04/2025	12:38	LB137761
	Potassium	-24.6			0	0	11/04/2025	12:38	LB137761
	Selenium	51.7	46.0	112	26	66	11/04/2025	12:38	LB137761
	Silver	207	201	103	170	232	11/04/2025	12:38	LB137761

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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	80.8			0	0	11/04/2025	12:38	LB137761
	Thallium	123	108	114	68	148	11/04/2025	12:38	LB137761
	Vanadium	492	491	100	417	565	11/04/2025	12:38	LB137761
	Zinc	1040	952	109	809	1095	11/04/2025	12:38	LB137761
ICSA01	Aluminum	243000	255000	95	216000	294000	11/05/2025	11:53	LB137798
	Antimony	-3.49			-50	50	11/05/2025	11:53	LB137798
	Arsenic	3.73			-20	20	11/05/2025	11:53	LB137798
	Barium	0.94	6.0	16	-94	106	11/05/2025	11:53	LB137798
	Beryllium	1.70			-6	6	11/05/2025	11:53	LB137798
	Cadmium	0.70	1.0	70	-5	7	11/05/2025	11:53	LB137798
	Calcium	233000	245000	95	208000	282000	11/05/2025	11:53	LB137798
	Chromium	49.3	52.0	95	42	62	11/05/2025	11:53	LB137798
	Cobalt	1.87			-30	30	11/05/2025	11:53	LB137798
	Copper	-4.96	2.0	248	-18	22	11/05/2025	11:53	LB137798
	Iron	96900	101000	96	85600	116500	11/05/2025	11:53	LB137798
	Lead	4.69			-12	12	11/05/2025	11:53	LB137798
	Magnesium	246000	255000	96	216000	294000	11/05/2025	11:53	LB137798
	Manganese	6.89	7.0	98	-13	27	11/05/2025	11:53	LB137798
	Nickel	5.45	2.0	272	-38	42	11/05/2025	11:53	LB137798
	Potassium	71.8			0	0	11/05/2025	11:53	LB137798
	Selenium	4.65			-20	20	11/05/2025	11:53	LB137798
	Silver	2.41			-10	10	11/05/2025	11:53	LB137798
	Sodium	65.4			0	0	11/05/2025	11:53	LB137798
	Thallium	20.2			-40	40	11/05/2025	11:53	LB137798
	Vanadium	3.64			-40	40	11/05/2025	11:53	LB137798
	Zinc	3.74			-40	40	11/05/2025	11:53	LB137798
ICSAB01	Aluminum	244000	247000	99	209000	285000	11/05/2025	12:11	LB137798
	Antimony	583	618	94	525	711	11/05/2025	12:11	LB137798
	Arsenic	99.7	104	96	88.4	120	11/05/2025	12:11	LB137798
	Barium	478	537	89	437	637	11/05/2025	12:11	LB137798
	Beryllium	499	495	101	420	570	11/05/2025	12:11	LB137798
	Cadmium	963	972	99	826	1120	11/05/2025	12:11	LB137798
	Calcium	232000	235000	99	199000	271000	11/05/2025	12:11	LB137798
	Chromium	542	542	100	460	624	11/05/2025	12:11	LB137798
	Cobalt	489	476	103	404	548	11/05/2025	12:11	LB137798
	Copper	458	511	90	434	588	11/05/2025	12:11	LB137798
	Iron	96700	99300	97	84400	114500	11/05/2025	12:11	LB137798
	Lead	48.3	49.0	99	37	61	11/05/2025	12:11	LB137798
	Magnesium	246000	248000	99	210000	286000	11/05/2025	12:11	LB137798
	Manganese	481	507	95	430	584	11/05/2025	12:11	LB137798
	Nickel	973	954	102	810	1100	11/05/2025	12:11	LB137798
	Potassium	-43.1			0	0	11/05/2025	12:11	LB137798

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	56.1	46.0	122	26	66	11/05/2025	12:11	LB137798
	Silver	203	201	101	170	232	11/05/2025	12:11	LB137798
	Sodium	76.3			0	0	11/05/2025	12:11	LB137798
	Thallium	134	108	124	68	148	11/05/2025	12:11	LB137798
	Vanadium	471	491	96	417	565	11/05/2025	12:11	LB137798
	Zinc	1010	952	106	809	1095	11/05/2025	12:11	LB137798

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3484-01 **client id:** TRE-25-0118MS

Percent Solids for Sample: NA **Spiked ID:** Q3484-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.83		0.12	J	4.0	93		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3484-01 **client id:** TRE-25-0118MSD

Percent Solids for Sample: NA **Spiked ID:** Q3484-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.54		0.12	J	4.0	86		CV

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3495-01 **client id:** SB-1025-1MS

Percent Solids for Sample: 76.2 **Spiked ID:** Q3495-01MS **Percent Solids for Spike Sample:** 76.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	2240		3700		110	-1325		P
Antimony	mg/Kg	75 - 125	25.0		2.96	U	44.9	56	N	P
Arsenic	mg/Kg	75 - 125	39.7		4.36		44.9	79		P
Barium	mg/Kg	75 - 125	18.9		9.51		11.2	84		P
Beryllium	mg/Kg	75 - 125	10.5		0.39		11.2	90		P
Cadmium	mg/Kg	75 - 125	10.5		0.55		11.2	89		P
Calcium	mg/Kg	75 - 125	233		466		56.1	-415		P
Chromium	mg/Kg	75 - 125	28.6		14.8		22.4	61	N	P
Cobalt	mg/Kg	75 - 125	11.5		1.93		11.2	85		P
Copper	mg/Kg	75 - 125	17.7		4.81		16.8	77		P
Iron	mg/Kg	75 - 125	5260		12200		170	-4057		P
Lead	mg/Kg	75 - 125	57.1		7.93		56.1	88		P
Magnesium	mg/Kg	75 - 125	338		709		110	-337		P
Manganese	mg/Kg	75 - 125	22.4		23.2		11.2	-7	N	P
Mercury	mg/Kg	80 - 120	0.39		0.027		0.33	109		CV
Nickel	mg/Kg	75 - 125	28.7		4.98		28.0	85		P
Potassium	mg/Kg	75 - 125	819		585		560	42	N	P
Selenium	mg/Kg	75 - 125	94.0		1.18	U	110	86		P
Silver	mg/Kg	75 - 125	4.27		0.51	J	4.2	89		P
Sodium	mg/Kg	75 - 125	191		54.5	J	170	80		P
Thallium	mg/Kg	75 - 125	109		2.36	U	110	99		P
Vanadium	mg/Kg	75 - 125	23.4		14.7		16.8	52	N	P
Zinc	mg/Kg	75 - 125	15.4		19.4		11.2	-36	N	P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Solid **sample id:** Q3495-01 **client id:** SB-1025-1MSD

Percent Solids for Sample: 76.2 **Spiked ID:** Q3495-01MSD **Percent Solids for Spike Sample:** 76.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	2290		3700		120	-1176		P
Antimony	mg/Kg	75 - 125	25.5		2.96	U	46.0	55	N	P
Arsenic	mg/Kg	75 - 125	40.5		4.36		46.0	79		P
Barium	mg/Kg	75 - 125	19.4		9.51		11.5	86		P
Beryllium	mg/Kg	75 - 125	10.7		0.39		11.5	89		P
Cadmium	mg/Kg	75 - 125	10.7		0.55		11.5	88		P
Calcium	mg/Kg	75 - 125	238		466		57.6	-397		P
Chromium	mg/Kg	75 - 125	29.0		14.8		23.0	62	N	P
Cobalt	mg/Kg	75 - 125	11.7		1.93		11.5	85		P
Copper	mg/Kg	75 - 125	18.0		4.81		17.3	76		P
Iron	mg/Kg	75 - 125	5390		12200		170	-3977		P
Lead	mg/Kg	75 - 125	58.2		7.93		57.6	87		P
Magnesium	mg/Kg	75 - 125	344		709		120	-304		P
Manganese	mg/Kg	75 - 125	22.9		23.2		11.5	-3	N	P
Mercury	mg/Kg	80 - 120	0.35		0.027		0.32	100		CV
Nickel	mg/Kg	75 - 125	29.3		4.98		28.8	84		P
Potassium	mg/Kg	75 - 125	842		585		580	44	N	P
Selenium	mg/Kg	75 - 125	95.9		1.18	U	120	80		P
Silver	mg/Kg	75 - 125	4.33		0.51	J	4.3	89		P
Sodium	mg/Kg	75 - 125	192		54.5	J	170	81		P
Thallium	mg/Kg	75 - 125	109		2.36	U	120	91		P
Vanadium	mg/Kg	75 - 125	23.9		14.7		17.3	53	N	P
Zinc	mg/Kg	75 - 125	15.7		19.4		11.5	-32	N	P

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metals
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MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3495-03 **client id:** TW-1025-1MS

Percent Solids for Sample: NA **Spiked ID:** Q3495-03MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4810		2530		1000	227	N	P
Antimony	ug/L	75 - 125	379		25.0	U	400	95		P
Arsenic	ug/L	75 - 125	398		10.0	U	400	100		P
Barium	ug/L	75 - 125	230		130		100	100		P
Beryllium	ug/L	75 - 125	97.2		0.38	J	100	97		P
Cadmium	ug/L	75 - 125	94.5		3.00	U	100	94		P
Calcium	ug/L	75 - 125	59100		56600		500	513		P
Chromium	ug/L	75 - 125	214		16.6		200	98		P
Cobalt	ug/L	75 - 125	97.8		15.0	U	100	98		P
Copper	ug/L	75 - 125	143		10.0	U	150	95		P
Iron	ug/L	75 - 125	19400		17300		1500	141		P
Lead	ug/L	75 - 125	457		3.49	J	500	91		P
Magnesium	ug/L	75 - 125	24100		22200		1000	190		P
Manganese	ug/L	75 - 125	187		88.2		100	99		P
Nickel	ug/L	75 - 125	247		3.61	J	250	97		P
Potassium	ug/L	75 - 125	24200		17200		5000	139	N	P
Selenium	ug/L	75 - 125	994		10.0	U	1000	99		P
Silver	ug/L	75 - 125	35.9		5.00	U	37.5	96		P
Sodium	ug/L	75 - 125	126000		122000		1500	261		P
Thallium	ug/L	75 - 125	911		20.0	U	1000	91		P
Vanadium	ug/L	75 - 125	160		13.1	J	150	98		P
Zinc	ug/L	75 - 125	120		10.2	J	100	110		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3495

contract: REMI02 **lab code:** ACE

matrix: Water **sample id:** Q3495-03 **client id:** TW-1025-1MSD

Percent Solids for Sample: NA **Spiked ID:** Q3495-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4670		2530		1000	214	N	P
Antimony	ug/L	75 - 125	374		25.0	U	400	94		P
Arsenic	ug/L	75 - 125	392		10.0	U	400	98		P
Barium	ug/L	75 - 125	230		130		100	100		P
Beryllium	ug/L	75 - 125	97.4		0.38	J	100	97		P
Cadmium	ug/L	75 - 125	93.2		3.00	U	100	93		P
Calcium	ug/L	75 - 125	57800		56600		500	243		P
Chromium	ug/L	75 - 125	206		16.6		200	95		P
Cobalt	ug/L	75 - 125	96.9		15.0	U	100	97		P
Copper	ug/L	75 - 125	142		10.0	U	150	95		P
Iron	ug/L	75 - 125	18700		17300		1500	96		P
Lead	ug/L	75 - 125	451		3.49	J	500	90		P
Magnesium	ug/L	75 - 125	23500		22200		1000	127		P
Manganese	ug/L	75 - 125	187		88.2		100	99		P
Nickel	ug/L	75 - 125	244		3.61	J	250	96		P
Potassium	ug/L	75 - 125	23000		17200		5000	117		P
Selenium	ug/L	75 - 125	976		10.0	U	1000	98		P
Silver	ug/L	75 - 125	33.6		5.00	U	37.5	90		P
Sodium	ug/L	75 - 125	124000		122000		1500	139		P
Thallium	ug/L	75 - 125	905		20.0	U	1000	90		P
Vanadium	ug/L	75 - 125	158		13.1	J	150	96		P
Zinc	ug/L	75 - 125	115		10.2	J	100	105		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** SB-1025-1A

Sample ID: Q3495-01 **Spiked ID:** Q3495-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	42.6		2.96	U	47.3	90		P
Chromium	mg/Kg	75 - 125	35.8		14.8		23.6	89		P
Manganese	mg/Kg	75 - 125	33.6		23.2		11.8	88		P
Potassium	mg/Kg	75 - 125	1110		585		590	89		P
Vanadium	mg/Kg	75 - 125	30.3		14.7		17.7	89		P
Zinc	mg/Kg	75 - 125	28.5		19.4		11.8	78		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** TW-1025-1A

Sample ID: Q3495-03 **Spiked ID:** Q3495-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4750		2530		10000	22	N	P
Potassium	ug/L	75 - 125	27500		17200		5000	206	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3484-01 **Client ID:** TRE-25-0118DUP

Percent Solids for Sample: NA **Duplicate ID** Q3484-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.12	J	0.17	J	37		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3484-01MS **Client ID:** TRE-25-0118MSD

Percent Solids for Sample: NA **Duplicate ID** Q3484-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.83		3.54		8		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3495-01 **Client ID:** SB-1025-1DUP

Percent Solids for Sample: 76.2 **Duplicate ID** Q3495-01DUP **Percent Solids for Spike Sample:** 76.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3700		3770		2		P
Antimony	mg/Kg	20	2.96	U	2.90	U			P
Arsenic	mg/Kg	20	4.36		4.44		2		P
Barium	mg/Kg	20	9.51		9.63		1		P
Beryllium	mg/Kg	20	0.39		0.38		4		P
Cadmium	mg/Kg	20	0.55		0.61		9		P
Calcium	mg/Kg	20	466		472		1		P
Chromium	mg/Kg	20	14.8		15.0		1		P
Cobalt	mg/Kg	20	1.93		2.06		7		P
Copper	mg/Kg	20	4.81		4.63		4		P
Iron	mg/Kg	20	12200		12600		3		P
Lead	mg/Kg	20	7.93		7.95		0		P
Magnesium	mg/Kg	20	709		701		1		P
Manganese	mg/Kg	20	23.2		23.1		0		P
Mercury	mg/Kg	20	0.027		0.026		4		CV
Nickel	mg/Kg	20	4.98		5.27		6		P
Potassium	mg/Kg	20	585		599		2		P
Selenium	mg/Kg	20	1.18	U	1.16	U			P
Silver	mg/Kg	20	0.51	J	0.63		20		P
Sodium	mg/Kg	20	54.5	J	54.6	J	0		P
Thallium	mg/Kg	20	2.36	U	2.32	U			P
Vanadium	mg/Kg	20	14.7		14.7		0		P
Zinc	mg/Kg	20	19.4		20.5		6		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3495-01MS **Client ID:** SB-1025-1MSD

Percent Solids for Sample: 76.2 **Duplicate ID** Q3495-01MSD **Percent Solids for Spike Sample:** 76.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2240		2290		2		P
Antimony	mg/Kg	20	25.0		25.5		2		P
Arsenic	mg/Kg	20	39.7		40.5		2		P
Barium	mg/Kg	20	18.9		19.4		3		P
Beryllium	mg/Kg	20	10.5		10.7		2		P
Cadmium	mg/Kg	20	10.5		10.7		2		P
Calcium	mg/Kg	20	233		238		2		P
Chromium	mg/Kg	20	28.6		29.0		1		P
Cobalt	mg/Kg	20	11.5		11.7		2		P
Copper	mg/Kg	20	17.7		18.0		2		P
Iron	mg/Kg	20	5260		5390		2		P
Lead	mg/Kg	20	57.1		58.2		2		P
Magnesium	mg/Kg	20	338		344		2		P
Manganese	mg/Kg	20	22.4		22.9		2		P
Mercury	mg/Kg	20	0.39		0.35		10		CV
Nickel	mg/Kg	20	28.7		29.3		2		P
Potassium	mg/Kg	20	819		842		3		P
Selenium	mg/Kg	20	94.0		95.9		2		P
Silver	mg/Kg	20	4.27		4.33		1		P
Sodium	mg/Kg	20	191		192		1		P
Thallium	mg/Kg	20	109		109		0		P
Vanadium	mg/Kg	20	23.4		23.9		2		P
Zinc	mg/Kg	20	15.4		15.7		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3495-03 **Client ID:** TW-1025-1DUP

Percent Solids for Sample: NA **Duplicate ID** Q3495-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	2530		2640		4		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	130		138		6		P
Beryllium	ug/L	20	0.38	J	0.39	J	4		P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	56600		59900		6		P
Chromium	ug/L	20	16.6		17.5		5		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	17300		17800		3		P
Lead	ug/L	20	3.49	J	3.77	J	8		P
Magnesium	ug/L	20	22200		23600		6		P
Manganese	ug/L	20	88.2		110		22	*	P
Nickel	ug/L	20	3.61	J	4.32	J	18		P
Potassium	ug/L	20	17200		20200		16		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	122000		128000		5		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	13.1	J	9.48	J	32		P
Zinc	ug/L	20	10.2	J	18.5	J	58		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3495-03MS **Client ID:** TW-1025-1MSD

Percent Solids for Sample: NA **Duplicate ID** Q3495-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	4810		4670		3		P
Antimony	ug/L	20	379		374		1		P
Arsenic	ug/L	20	398		392		2		P
Barium	ug/L	20	230		230		0		P
Beryllium	ug/L	20	97.2		97.4		0		P
Cadmium	ug/L	20	94.5		93.2		1		P
Calcium	ug/L	20	59100		57800		2		P
Chromium	ug/L	20	214		206		4		P
Cobalt	ug/L	20	97.8		96.9		1		P
Copper	ug/L	20	143		142		1		P
Iron	ug/L	20	19400		18700		4		P
Lead	ug/L	20	457		451		1		P
Magnesium	ug/L	20	24100		23500		3		P
Manganese	ug/L	20	187		187		0		P
Nickel	ug/L	20	247		244		1		P
Potassium	ug/L	20	24200		23000		5		P
Selenium	ug/L	20	994		976		2		P
Silver	ug/L	20	35.9		33.6		7		P
Sodium	ug/L	20	126000		124000		2		P
Thallium	ug/L	20	911		905		1		P
Vanadium	ug/L	20	160		158		1		P
Zinc	ug/L	20	120		115		4		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170349BS							
Mercury	mg/Kg	0.28	0.29		105	80 - 120	CV

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170353BS							
Aluminum	mg/Kg	100	99.1		99	80 - 120	P
Antimony	mg/Kg	40.0	41.8		104	80 - 120	P
Arsenic	mg/Kg	40.0	39.2		98	80 - 120	P
Barium	mg/Kg	10.0	9.28		93	80 - 120	P
Beryllium	mg/Kg	10.0	10.1		101	80 - 120	P
Cadmium	mg/Kg	10.0	9.38		94	80 - 120	P
Calcium	mg/Kg	50.0	49.2	J	98	80 - 120	P
Chromium	mg/Kg	20.0	20.3		102	80 - 120	P
Cobalt	mg/Kg	10.0	9.69		97	80 - 120	P
Copper	mg/Kg	15.0	15.4		103	80 - 120	P
Iron	mg/Kg	150	159		106	80 - 120	P
Lead	mg/Kg	50.0	47.0		94	80 - 120	P
Magnesium	mg/Kg	100	97.8	J	98	80 - 120	P
Manganese	mg/Kg	10.0	9.90		99	80 - 120	P
Nickel	mg/Kg	25.0	24.4		98	80 - 120	P
Potassium	mg/Kg	500	478		96	80 - 120	P
Selenium	mg/Kg	100	99.9		100	80 - 120	P
Silver	mg/Kg	3.8	3.73		98	80 - 120	P
Sodium	mg/Kg	150	146		97	80 - 120	P
Thallium	mg/Kg	100	96.2		96	80 - 120	P
Vanadium	mg/Kg	15.0	14.8		99	80 - 120	P
Zinc	mg/Kg	10.0	10.2		102	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170354BS							
Mercury	ug/L	4.0	3.54		88	80 - 120	CV

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170357BS							
Aluminum	ug/L	1000	959		96	80 - 120	P
Antimony	ug/L	400	388		97	80 - 120	P
Arsenic	ug/L	400	381		95	80 - 120	P
Barium	ug/L	100	90.2		90	80 - 120	P
Beryllium	ug/L	100	99.8		100	80 - 120	P
Cadmium	ug/L	100	92.7		93	80 - 120	P
Calcium	ug/L	500	468	J	94	80 - 120	P
Chromium	ug/L	200	199		100	80 - 120	P
Cobalt	ug/L	100	95.0		95	80 - 120	P
Copper	ug/L	150	151		101	80 - 120	P
Iron	ug/L	1500	1410		94	80 - 120	P
Lead	ug/L	500	461		92	80 - 120	P
Magnesium	ug/L	1000	953	J	95	80 - 120	P
Manganese	ug/L	100	96.0		96	80 - 120	P
Nickel	ug/L	250	239		96	80 - 120	P
Potassium	ug/L	5000	4540		91	80 - 120	P
Selenium	ug/L	1000	961		96	80 - 120	P
Silver	ug/L	37.5	36.6		98	80 - 120	P
Sodium	ug/L	1500	1400		93	80 - 120	P
Thallium	ug/L	1000	931		93	80 - 120	P
Vanadium	ug/L	150	143		95	80 - 120	P
Zinc	ug/L	100	100		100	80 - 120	P

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ICP SERIAL DILUTIONS

SAMPLE NO.

TRE-25-0118L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137738 **Lab Sample ID :** Q3484-01L **SDG No.:** Q3495

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.12	J	0.38	J	229		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

SB-1025-1L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137798 **Lab Sample ID :** Q3495-01L **SDG No.:** Q3495

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	3700		4610		25		P
Antimony	2.96	U	14.8	U			P
Arsenic	4.36		4.90	J	12		P
Barium	9.51		11.5	J	21		P
Beryllium	0.39		0.48	J	22		P
Cadmium	0.55		0.52	J	6		P
Calcium	466		572	J	23		P
Chromium	14.8		18.3		24		P
Cobalt	1.93		2.16	J	12		P
Copper	4.81		5.76	J	20		P
Iron	12200		14900		23		P
Lead	7.93		9.06		14		P
Magnesium	709		886		25		P
Manganese	23.2		28.8		24		P
Mercury	0.027		0.084	U	100.0		CV
Nickel	4.98		5.63	J	13		P
Potassium	585		733		25		P
Selenium	1.18	U	5.91	U			P
Silver	0.51	J	2.96	U	100.0		P
Sodium	54.5	J	591	U	100.0		P
Thallium	2.36	U	11.8	U			P
Vanadium	14.7		18.1		24		P
Zinc	19.4		23.5		22		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-1025-1L

Lab Name: Alliance **Contract:** REMI02

Lab Code: ACE **Lb No.:** lb137750 **Lab Sample ID :** Q3495-03L **SDG No.:** Q3495

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	2530		15300		504		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	130		144	J	11		P
Beryllium	0.38	J	15.0	U	100.0		P
Cadmium	3.00	U	15.0	U			P
Calcium	56600		57200		1		P
Chromium	16.6		25.3		53		P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	17300		19200		11		P
Lead	3.49	J	30.0	U	100.0		P
Magnesium	22200		22900		3		P
Manganese	88.2		88.9		1		P
Nickel	3.61	J	100	U	100.0		P
Potassium	17200		18000		5		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	122000		114000		6		P
Thallium	20.0	U	100	U			P
Vanadium	13.1	J	28.2	J	116		P
Zinc	10.2	J	100	U	100.0		P

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137725

Start date: 10/31/2025 **End date:** 10/31/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1056	HG
S0.2	S0.2	1	1058	HG
S2.5	S2.5	1	1101	HG
S5	S5	1	1103	HG
S7.5	S7.5	1	1109	HG
S10	S10	1	1115	HG
ICV95	ICV95	1	1125	HG
ICB95	ICB95	1	1127	HG
CCV14	CCV14	1	1130	HG
CCB14	CCB14	1	1132	HG
CRA	CRA	1	1135	HG
PB170349BL	PB170349BL	1	1145	HG
PB170349BS	PB170349BS	1	1147	HG
Q3495-01	SB-1025-1	1	1155	HG
Q3495-01DUP	SB-1025-1DUP	1	1157	HG
Q3495-01MS	SB-1025-1MS	1	1200	HG
Q3495-01MSD	SB-1025-1MSD	1	1202	HG
Q3495-02	SB-1025-2	1	1205	HG
CCV15	CCV15	1	1207	HG
CCB15	CCB15	1	1210	HG
Q3495-01L	SB-1025-1L	5	1225	HG
CCV16	CCV16	1	1229	HG
CCB16	CCB16	1	1232	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137738

Start date: 11/03/2025 **End date:** 11/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0930	HG
S0.2	S0.2	1	0935	HG
S2.5	S2.5	1	0937	HG
S5	S5	1	0939	HG
S7.5	S7.5	1	0944	HG
S10	S10	1	0949	HG
ICV96	ICV96	1	1001	HG
ICB96	ICB96	1	1003	HG
CCV17	CCV17	1	1009	HG
CCB17	CCB17	1	1011	HG
CRA	CRA	1	1014	HG
PB170354BL	PB170354BL	1	1021	HG
PB170354BS	PB170354BS	1	1026	HG
Q3484-01DUP	TRE-25-0118DUP	1	1035	HG
CCV18	CCV18	1	1049	HG
CCB18	CCB18	1	1052	HG
Q3495-03	TW-1025-1	1	1054	HG
CCV19	CCV19	1	1120	HG
CCB19	CCB19	1	1122	HG
CCV20	CCV20	1	1147	HG
CCB20	CCB20	1	1149	HG
Q3484-01L	TRE-25-0118L	5	1209	HG
Q3484-01MS	TRE-25-0118MS	1	1223	HG
Q3484-01MSD	TRE-25-0118MSD	1	1226	HG
CCV21	CCV21	1	1228	HG
CCB21	CCB21	1	1231	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137750

Start date: 11/03/2025 **End date:** 11/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1143	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1235	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1555	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170357BL	PB170357BL	1	1608	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170357BS	PB170357BS	1	1612	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1641	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1645	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03	TW-1025-1	1	1654	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03DUP	TW-1025-1DUP	1	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03L	TW-1025-1L	5	1703	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03MS	TW-1025-1MS	1	1707	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03MSD	TW-1025-1MSD	1	1711	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-03A	TW-1025-1A	1	1715	Al,K
PB170353BL	PB170353BL	1	1719	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170353BS	PB170353BS	1	1723	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1732	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1736	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1821	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1825	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1911	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1915	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2006	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2015	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137750

Start date: 11/03/2025 **End date:** 11/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB10	CCB10	1	2019	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137761

Start date: 11/04/2025 **End date:** 11/04/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1133	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1154	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1234	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1355	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1506	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1510	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1610	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1614	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-02	SB-1025-2	1	1647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers **Contract:** REMI02

Lab code: ACE **Sdg no.:** Q3495

Instrument id number: **Method:** **Run number:** LB137798

Start date: 11/05/2025 **End date:** 11/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1115	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1119	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1123	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1149	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1223	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01	SB-1025-1	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01DUP	SB-1025-1DUP	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01L	SB-1025-1L	5	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01MS	SB-1025-1MS	1	1309	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01MSD	SB-1025-1MSD	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3495-01A	SB-1025-1A	1	1317	Cr,K,Mn,Sb,V,Zn
CCV02	CCV02	1	1321	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1516	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1521	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1625	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1704	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1708	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-01	**SB-1025-1**	**SOIL**			**10/27/25**			**10/29/25**
			Mercury	7471B		10/31/25	10/31/25	
			Metals ICP-TAL	6010D		10/31/25	11/05/25	
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25**			**10/29/25**
			Mercury	7471B		10/31/25	10/31/25	
			Metals ICP-TAL	6010D		10/31/25	11/04/25	
Q3495-03	**TW-1025-1**	**Water**			**10/27/25**			**10/29/25**
			Mercury	7470A		10/31/25	11/03/25	
			Metals ICP-TAL	6010D		10/31/25	11/03/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170349**						
PB170349BL	PB170349BL	MB	SOLID	10/31/2025	0.52	35.0	100.00
PB170349BS	PB170349BS	LCS	SOLID	10/31/2025	0.50	35.0	100.00
Q3495-01	SB-1025-1	SAM	SOLID	10/31/2025	0.55	35.0	76.20
Q3495-01DUP	SB-1025-1DUP	DUP	SOLID	10/31/2025	0.56	35.0	76.20
Q3495-01MS	SB-1025-1MS	MS	SOLID	10/31/2025	0.56	35.0	76.20
Q3495-01MSD	SB-1025-1MSD	MSD	SOLID	10/31/2025	0.57	35.0	76.20
Q3495-02	SB-1025-2	SAM	SOLID	10/31/2025	0.51	35.0	75.10

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170353**						
PB170353BL	PB170353BL	MB	SOLID	10/31/2025	2.00	100.0	100.00
PB170353BS	PB170353BS	LCS	SOLID	10/31/2025	2.00	100.0	100.00
Q3495-01	SB-1025-1	SAM	SOLID	10/31/2025	2.22	100.0	76.20
Q3495-01DUP	SB-1025-1DUP	DUP	SOLID	10/31/2025	2.26	100.0	76.20
Q3495-01MS	SB-1025-1MS	MS	SOLID	10/31/2025	2.34	100.0	76.20
Q3495-01MSD	SB-1025-1MSD	MSD	SOLID	10/31/2025	2.28	100.0	76.20
Q3495-02	SB-1025-2	SAM	SOLID	10/31/2025	2.30	100.0	75.10

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170354**						
PB170354BL	PB170354BL	MB	WATER	10/31/2025	30.0	30.0	
PB170354BS	PB170354BS	LCS	WATER	10/31/2025	30.0	30.0	
Q3484-01DUP	TRE-25-0118DUP	DUP	WATER	10/31/2025	30.0	30.0	
Q3484-01MS	TRE-25-0118MS	MS	WATER	10/31/2025	30.0	30.0	
Q3484-01MSD	TRE-25-0118MSD	MSD	WATER	10/31/2025	30.0	30.0	
Q3495-03	TW-1025-1	SAM	WATER	10/31/2025	30.0	30.0	

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Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Contract: REMI02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170357**						
PB170357BL	PB170357BL	MB	WATER	10/31/2025	50.0	25.0	
PB170357BS	PB170357BS	LCS	WATER	10/31/2025	50.0	25.0	
Q3495-03	TW-1025-1	SAM	WATER	10/31/2025	50.0	25.0	
Q3495-03DUP	TW-1025-1DUP	DUP	WATER	10/31/2025	50.0	25.0	
Q3495-03MS	TW-1025-1MS	MS	WATER	10/31/2025	50.0	25.0	
Q3495-03MSD	TW-1025-1MSD	MSD	WATER	10/31/2025	50.0	25.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137725

Review By	mohan	Review On	10/31/2025 3:28:32 PM
Supervise By	jaswal	Supervise On	10/31/2025 3:31:58 PM

STD. NAME	STD REF.#
ICAL Standard	MP87801,MP87802,MP87803,MP87804,MP87805,MP87806
ICV Standard	MP87807
CCV Standard	MP87809
ICSA Standard	
CRI Standard	MP87811
LCS Standard	
Chk Standard	MP87808,MP87810,MP87812,MP87814

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/31/25 10:56		mohan	OK
2	S0.2	S0.2	CAL2	10/31/25 10:58		mohan	OK
3	S2.5	S2.5	CAL3	10/31/25 11:01		mohan	OK
4	S5	S5	CAL4	10/31/25 11:03		mohan	OK
5	S7.5	S7.5	CAL5	10/31/25 11:09		mohan	OK
6	S10	S10	CAL6	10/31/25 11:15		mohan	OK
7	ICV95	ICV95	ICV	10/31/25 11:25		mohan	OK
8	ICB95	ICB95	ICB	10/31/25 11:27		mohan	OK
9	CCV14	CCV14	CCV	10/31/25 11:30		mohan	OK
10	CCB14	CCB14	CCB	10/31/25 11:32		mohan	OK
11	CRA	CRA	CRDL	10/31/25 11:35		mohan	OK
12	HighStd	HighStd	HIGH STD	10/31/25 11:40		mohan	OK
13	ChkStd	ChkStd	SAM	10/31/25 11:42		mohan	OK
14	PB170349BL	PB170349BL	MB	10/31/25 11:45		mohan	OK
15	PB170349BS	PB170349BS	LCS	10/31/25 11:47		mohan	OK
16	Q3495-01	SB-1025-1	SAM	10/31/25 11:55		mohan	OK
17	Q3495-01DUP	SB-1025-1DUP	DUP	10/31/25 11:57		mohan	OK
18	Q3495-01MS	SB-1025-1MS	MS	10/31/25 12:00		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137725

Review By	mohan	Review On	10/31/2025 3:28:32 PM
Supervise By	jaswal	Supervise On	10/31/2025 3:31:58 PM

STD. NAME	STD REF.#
ICAL Standard	MP87801,MP87802,MP87803,MP87804,MP87805,MP87806
ICV Standard	MP87807
CCV Standard	MP87809
ICSA Standard	
CRI Standard	MP87811
LCS Standard	
Chk Standard	MP87808,MP87810,MP87812,MP87814

19	Q3495-01MSD	SB-1025-1MSD	MSD	10/31/25 12:02		mohan	OK
20	Q3495-02	SB-1025-2	SAM	10/31/25 12:05		mohan	OK
21	CCV15	CCV15	CCV	10/31/25 12:07		mohan	OK
22	CCB15	CCB15	CCB	10/31/25 12:10		mohan	OK
23	Q3496-01	DRILL-CUTTINGS	SAM	10/31/25 12:12		mohan	OK
24	Q3497-01	OK-01-103025	SAM	10/31/25 12:15		mohan	OK
25	Q3501-01	461	SAM	10/31/25 12:17		mohan	OK
26	Q3502-04	PARTS-CLEANER	SAM	10/31/25 12:19		mohan	OK
27	Q3495-01L	SB-1025-1L	SD	10/31/25 12:25		mohan	OK
28	Q3495-01A	SB-1025-1A	PS	10/31/25 12:27		mohan	OK
29	CCV16	CCV16	CCV	10/31/25 12:29		mohan	OK
30	CCB16	CCB16	CCB	10/31/25 12:32		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137738

Review By	mohan	Review On	11/6/2025 8:29:04 AM
Supervise By	jaswal	Supervise On	11/6/2025 10:57:56 AM

STD. NAME	STD REF.#
ICAL Standard	MP87801,MP87802,MP87803,MP87804,MP87805,MP87806
ICV Standard	MP87807
CCV Standard	MP87809
ICSA Standard	
CRI Standard	MP87811
LCS Standard	
Chk Standard	MP87808,MP87810,MP87812,MP87816

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/03/25 09:30		mohan	OK
2	S0.2	S0.2	CAL2	11/03/25 09:35		mohan	OK
3	S2.5	S2.5	CAL3	11/03/25 09:37		mohan	OK
4	S5	S5	CAL4	11/03/25 09:39		mohan	OK
5	S7.5	S7.5	CAL5	11/03/25 09:44		mohan	OK
6	S10	S10	CAL6	11/03/25 09:49		mohan	OK
7	ICV96	ICV96	ICV	11/03/25 10:01		mohan	OK
8	ICB96	ICB96	ICB	11/03/25 10:03		mohan	OK
9	CCV17	CCV17	CCV	11/03/25 10:09		mohan	OK
10	CCB17	CCB17	CCB	11/03/25 10:11		mohan	OK
11	CRA	CRA	CRDL	11/03/25 10:14		mohan	OK
12	HighStd	HighStd	HIGH STD	11/03/25 10:16		mohan	OK
13	ChkStd	ChkStd	SAM	11/03/25 10:18		mohan	OK
14	PB170354BL	PB170354BL	MB	11/03/25 10:21		mohan	OK
15	PB170354BS	PB170354BS	LCS	11/03/25 10:26		mohan	OK
16	Q3484-01	TRE-25-0118	SAM	11/03/25 10:28		mohan	OK
17	Q3484-01DUP	TRE-25-0118DUP	DUP	11/03/25 10:35		mohan	OK
18	Q3492-01	252611	SAM	11/03/25 10:42		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137738

Review By	mohan	Review On	11/6/2025 8:29:04 AM
Supervise By	jaswal	Supervise On	11/6/2025 10:57:56 AM

STD. NAME	STD REF.#
ICAL Standard	MP87801,MP87802,MP87803,MP87804,MP87805,MP87806
ICV Standard	MP87807
CCV Standard	MP87809
ICSA Standard	
CRI Standard	MP87811
LCS Standard	
Chk Standard	MP87808,MP87810,MP87812,MP87816

19	CCV18	CCV18	CCV	11/03/25 10:49		mohan	OK
20	CCB18	CCB18	CCB	11/03/25 10:52		mohan	OK
21	Q3495-03	TW-1025-1	SAM	11/03/25 10:54		mohan	OK
22	Q3500-02	462	SAM	11/03/25 10:56		mohan	OK
23	Q3500-03	463	SAM	11/03/25 10:58		mohan	OK
24	Q3500-04	465	SAM	11/03/25 11:01		mohan	OK
25	Q3500-05	461-LIQUID	SAM	11/03/25 11:03		mohan	OK
26	Q3502-02	PARTS-CLEANER	SAM	11/03/25 11:05		mohan	OK
27	Q3503-07	320	SAM	11/03/25 11:08		mohan	OK
28	PB170361BL	PB170361BL	MB	11/03/25 11:10		mohan	OK
29	PB170361BS	PB170361BS	LCS	11/03/25 11:15		mohan	OK
30	Q3488-03	MOO-25-0299	SAM	11/03/25 11:17		mohan	OK
31	CCV19	CCV19	CCV	11/03/25 11:20		mohan	OK
32	CCB19	CCB19	CCB	11/03/25 11:22		mohan	OK
33	Q3488-05	MOO-25-0302-0310	SAM	11/03/25 11:24		mohan	OK
34	Q3488-07	MOO-25-0311-0313	SAM	11/03/25 11:26		mohan	OK
35	Q3490-02	LAW-25-0151	SAM	11/03/25 11:29		mohan	OK
36	Q3499-02	RBR251235	SAM	11/03/25 11:31		mohan	OK
37	Q3501-02	461	SAM	11/03/25 11:33		mohan	OK
38	Q3502-01	CATCH-CAN-USED-C	SAM	11/03/25 11:35		mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB137738

Review By	mohan	Review On	11/6/2025 8:29:04 AM
Supervise By	jaswal	Supervise On	11/6/2025 10:57:56 AM

STD. NAME	STD REF.#
ICAL Standard	MP87801,MP87802,MP87803,MP87804,MP87805,MP87806
ICV Standard	MP87807
CCV Standard	MP87809
ICSA Standard	
CRI Standard	MP87811
LCS Standard	
Chk Standard	MP87808,MP87810,MP87812,MP87816

39	Q3503-02	322	SAM	11/03/25 11:38		mohan	OK
40	Q3503-04	323	SAM	11/03/25 11:40		mohan	OK
41	Q3503-06	324	SAM	11/03/25 11:42		mohan	OK
42	Q3504-02	72-11986	SAM	11/03/25 11:45		mohan	OK
43	CCV20	CCV20	CCV	11/03/25 11:47		mohan	OK
44	CCB20	CCB20	CCB	11/03/25 11:49		mohan	OK
45	Q3504-02DUP	72-11986DUP	DUP	11/03/25 11:51		mohan	OK
46	Q3504-02MS	72-11986MS	MS	11/03/25 12:02		mohan	OK
47	Q3504-02MSD	72-11986MSD	MSD	11/03/25 12:05		mohan	OK
48	PB170333TB	PB170333TB	MB	11/03/25 12:07		mohan	OK
49	Q3484-01L	TRE-25-0118L	SD	11/03/25 12:09		mohan	OK
50	Q3484-01A	TRE-25-0118A	PS	11/03/25 12:11		mohan	OK
51	Q3504-02L	72-11986L	SD	11/03/25 12:14		mohan	OK
52	Q3504-02A	72-11986A	PS	11/03/25 12:21		mohan	OK
53	Q3484-01MS	TRE-25-0118MS	MS	11/03/25 12:23		mohan	OK
54	Q3484-01MSD	TRE-25-0118MSD	MSD	11/03/25 12:26		mohan	OK
55	CCV21	CCV21	CCV	11/03/25 12:28		mohan	OK
56	CCB21	CCB21	CCB	11/03/25 12:31		mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/03/25 11:43		Jaswal	OK
2	S1	S1	CAL2	11/03/25 11:47		Jaswal	OK
3	S2	S2	CAL3	11/03/25 11:51		Jaswal	OK
4	S3	S3	CAL4	11/03/25 11:55		Jaswal	OK
5	S4	S4	CAL5	11/03/25 11:59		Jaswal	OK
6	S5	S5	CAL6	11/03/25 12:04		Jaswal	OK
7	ICV01	ICV01	ICV	11/03/25 12:08		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/03/25 12:27		Jaswal	OK
9	ICB01	ICB01	ICB	11/03/25 12:31		Jaswal	OK
10	CRI01	CRI01	CRDL	11/03/25 12:35		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/03/25 12:40		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/03/25 12:44		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/03/25 12:48		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/03/25 12:52		Jaswal	OK
15	CCV01	CCV01	CCV	11/03/25 12:56		Jaswal	OK
16	CCB01	CCB01	CCB	11/03/25 13:01		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/03/25 13:06		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/03/25 13:10		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	11/03/25 13:17		Jaswal	OK
20	PB170192BL	PB170192BL	MB	11/03/25 13:22		Jaswal	OK
21	PB170295TB	PB170295TB	MB	11/03/25 13:36		Jaswal	OK
22	PB170192BS	PB170192BS	LCS	11/03/25 13:45		Jaswal	OK
23	PB170333TB	PB170333TB	MB	11/03/25 13:50		Jaswal	OK
24	Q3482-08	WC-1	SAM	11/03/25 13:54		Jaswal	OK
25	Q3482-09	WC-2	SAM	11/03/25 13:59		Jaswal	OK
26	Q3482-10	WC-3	SAM	11/03/25 14:03		Jaswal	OK
27	CCV02	CCV02	CCV	11/03/25 14:07		Jaswal	OK
28	CCB02	CCB02	CCB	11/03/25 14:11		Jaswal	OK
29	Q3482-11	WC-4	SAM	11/03/25 14:16		Jaswal	OK
30	Q3482-12	WC-5	SAM	11/03/25 14:20		Jaswal	OK
31	Q3482-13	WC-6	SAM	11/03/25 14:25		Jaswal	OK
32	Q3482-14	WC-7	SAM	11/03/25 14:29		Jaswal	OK
33	Q3488-03	MOO-25-0299	SAM	11/03/25 14:34		Jaswal	OK
34	Q3488-05	MOO-25-0302-0310	SAM	11/03/25 14:38		Jaswal	OK
35	Q3488-07	MOO-25-0311-0313	SAM	11/03/25 14:42		Jaswal	OK
36	Q3490-02	LAW-25-0151	SAM	11/03/25 14:47		Jaswal	OK
37	Q3499-02	RBR251235	SAM	11/03/25 14:51		Jaswal	OK
38	Q3501-02	461	SAM	11/03/25 14:55		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

39	CCV03	CCV03	CCV	11/03/25 15:00		Jaswal	OK
40	CCB03	CCB03	CCB	11/03/25 15:04		Jaswal	OK
41	PB170355BL	PB170355BL	MB	11/03/25 15:08		Jaswal	OK
42	PB170355BS	PB170355BS	LCS	11/03/25 15:12		Jaswal	OK
43	Q3502-01DL	CATCH-CAN-USED-C	SAM	11/03/25 15:16	Report as Straight dilution	Jaswal	OK
44	Q3503-02	322	SAM	11/03/25 15:21		Jaswal	OK
45	Q3503-04	323	SAM	11/03/25 15:25	Cd is high, Need dilution	Jaswal	Dilution
46	Q3503-06	324	SAM	11/03/25 15:30		Jaswal	OK
47	Q3504-02	72-11986	SAM	11/03/25 15:34		Jaswal	OK
48	Q3504-02DUP	72-11986DUP	DUP	11/03/25 15:38		Jaswal	OK
49	Q3504-02L	72-11986L	SD	11/03/25 15:43		Jaswal	OK
50	Q3504-02MS	72-11986MS	MS	11/03/25 15:47		Jaswal	OK
51	CCV04	CCV04	CCV	11/03/25 15:51		Jaswal	OK
52	CCB04	CCB04	CCB	11/03/25 15:55		Jaswal	OK
53	Q3504-02MSD	72-11986MSD	MSD	11/03/25 16:00		Jaswal	OK
54	Q3504-02A	72-11986A	PS	11/03/25 16:04	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
55	PB170357BL	PB170357BL	MB	11/03/25 16:08		Jaswal	OK
56	PB170357BS	PB170357BS	LCS	11/03/25 16:12		Jaswal	OK
57	Q3500-02	462	SAM	11/03/25 16:16		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

58	Q3500-03	463	SAM	11/03/25 16:20		Jaswal	OK
59	Q3500-04DL	465DL	SAM	11/03/25 16:25	Report as Straight dilution	Jaswal	OK
60	Q3500-05	461-LIQUID	SAM	11/03/25 16:29		Jaswal	OK
61	Q3497-01	OK-01-103025	SAM	11/03/25 16:33		Jaswal	OK
62	Q3501-01	461	SAM	11/03/25 16:37		Jaswal	OK
63	CCV05	CCV05	CCV	11/03/25 16:41		Jaswal	OK
64	CCB05	CCB05	CCB	11/03/25 16:45		Jaswal	OK
65	Q3502-04	PARTS-CLEANER	SAM	11/03/25 16:50		Jaswal	OK
66	Q3495-03	TW-1025-1	SAM	11/03/25 16:54		Jaswal	OK
67	Q3495-03DUP	TW-1025-1DUP	DUP	11/03/25 16:58		Jaswal	OK
68	Q3495-03L	TW-1025-1L	SD	11/03/25 17:03		Jaswal	OK
69	Q3495-03MS	TW-1025-1MS	MS	11/03/25 17:07		Jaswal	OK
70	Q3495-03MSD	TW-1025-1MSD	MSD	11/03/25 17:11		Jaswal	OK
71	Q3495-03A	TW-1025-1A	PS	11/03/25 17:15	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
72	PB170353BL	PB170353BL	MB	11/03/25 17:19		Jaswal	OK
73	PB170353BS	PB170353BS	LCS	11/03/25 17:23		Jaswal	OK
74	Q3496-01	DRILL-CUTTINGS	SAM	11/03/25 17:27		Jaswal	OK
75	CCV06	CCV06	CCV	11/03/25 17:32		Jaswal	OK
76	CCB06	CCB06	CCB	11/03/25 17:36		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

77	Q3495-01	SB-1025-1	SAM	11/03/25 17:40	Q3495-01DUP bd injection	Jaswal	Not Ok
78	Q3495-01DUP	SB-1025-1DUP	DUP	11/03/25 17:44	Q3495-01DUP bad injection	Jaswal	Not Ok
79	Q3495-01L	SB-1025-1L	SD	11/03/25 17:48	Q3495-01DUP bad injection	Jaswal	Not Ok
80	Q3495-01MS	SB-1025-1MS	MS	11/03/25 17:53	Q3495-01DUP bad injection	Jaswal	Not Ok
81	Q3495-01MSD	SB-1025-1MSD	MSD	11/03/25 17:56	Q3495-01DUP bad injection	Jaswal	Not Ok
82	Q3495-01A	SB-1025-1A	PS	11/03/25 18:00	Q3495-01DUP bad injection (0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.)	Jaswal	Not Ok
83	Q3495-02	SB-1025-2	SAM	11/03/25 18:04	Not use	Jaswal	Not Ok
84	Q3475-01DL	GW-DRUMDL	SAM	11/03/25 18:08	Not use	Jaswal	Not Ok
85	Q3502-01	CATCH-CAN-USED-C	SAM	11/03/25 18:13	Not use	Jaswal	Not Ok
86	Q3519-01	PL-01-103125	SAM	11/03/25 18:17	Not use	Jaswal	Not Ok
87	CCV07	CCV07	CCV	11/03/25 18:21		Jaswal	OK
88	CCB07	CCB07	CCB	11/03/25 18:25		Jaswal	OK
89	PB170374BL	PB170374BL	MB	11/03/25 18:29	Not use	Jaswal	Not Ok
90	PB170374BS	PB170374BS	LCS	11/03/25 18:34	Not use	Jaswal	Not Ok
91	Q3512-01	10200	SAM	11/03/25 18:38	Not use	Jaswal	Not Ok
92	Q3515-01	SU-04-103125	SAM	11/03/25 18:42	Not use	Jaswal	Not Ok
93	Q3516-01	HD-01-103125	SAM	11/03/25 18:46	Not use	Jaswal	Not Ok

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

94	Q3520-01	EO-02-103125	SAM	11/03/25 18:51	Not use	Jaswal	Not Ok
95	Q3520-01DUP	EO-02-103125DUP	DUP	11/03/25 18:55	Not use	Jaswal	Not Ok
96	Q3520-01L	EO-02-103125L	SD	11/03/25 18:59	Not use	Jaswal	Not Ok
97	Q3520-01MS	EO-02-103125MS	MS	11/03/25 19:03	Not use	Jaswal	Not Ok
98	Q3520-01MSD	EO-02-103125MSD	MSD	11/03/25 19:07	Not use	Jaswal	Not Ok
99	CCV08	CCV08	CCV	11/03/25 19:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/03/25 19:15		Jaswal	OK
101	Q3520-01A	EO-02-103125A	PS	11/03/25 19:20	Not use, (0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.)	Jaswal	Not Ok
102	Q3503-04DL	323DL	SAM	11/03/25 19:24	Not use	Jaswal	Not Ok
103	PB170382BL	PB170382BL	MB	11/03/25 19:28	Not use	Jaswal	Not Ok
104	PB170382BS	PB170382BS	LCS	11/03/25 19:33	Not use	Jaswal	Not Ok
105	Q3527-01	RW8-SP100-2025103	SAM	11/03/25 19:37	Not use	Jaswal	Not Ok
106	Q3527-02	RW8-SP303-2025103	SAM	11/03/25 19:41	Not use	Jaswal	Not Ok
107	Q3527-02DUP	RW8-SP303-2025103	DUP	11/03/25 19:45	Not use	Jaswal	Not Ok
108	Q3527-02L	RW8-SP303-2025103	SD	11/03/25 19:49	Not use	Jaswal	Not Ok
109	Q3527-02MS	RW8-SP303-2025103	MS	11/03/25 19:54	Not use	Jaswal	Not Ok
110	Q3527-02MSD	RW8-SP303-2025103	MSD	11/03/25 19:58	Not use	Jaswal	Not Ok
111	CCV09	CCV09	CCV	11/03/25 20:02		Jaswal	OK
112	CCB09	CCB09	CCB	11/03/25 20:06		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137750

Review By	Janvi	Review On	11/4/2025 1:50:12 PM
Supervise By	jaswal	Supervise On	11/5/2025 10:46:19 AM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

113	Q3527-02A	RW8-SP303-2025103	PS	11/03/25 20:10	Not use, (0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.)	Jaswal	Not Ok
114	CCV10	CCV10	CCV	11/03/25 20:15		Jaswal	OK
115	CCB10	CCB10	CCB	11/03/25 20:19		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137761

Review By	Janvi	Review On	11/5/2025 10:46:17 AM
Supervise By	jaswal	Supervise On	11/7/2025 12:56:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/04/25 11:33		Jaswal	OK
2	S1	S1	CAL2	11/04/25 11:37		Jaswal	OK
3	S2	S2	CAL3	11/04/25 11:42		Jaswal	OK
4	S3	S3	CAL4	11/04/25 11:46		Jaswal	OK
5	S4	S4	CAL5	11/04/25 11:50		Jaswal	OK
6	S5	S5	CAL6	11/04/25 11:54		Jaswal	OK
7	ICV01	ICV01	ICV	11/04/25 11:58		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/04/25 12:16		Jaswal	OK
9	ICB01	ICB01	ICB	11/04/25 12:20		Jaswal	OK
10	CRI01	CRI01	CRDL	11/04/25 12:24		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/04/25 12:34		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/04/25 12:38		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/04/25 12:48		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/04/25 12:52		Jaswal	OK
15	CCV01	CCV01	CCV	11/04/25 12:56		Jaswal	OK
16	CCB01	CCB01	CCB	11/04/25 13:00		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/04/25 13:05		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/04/25 13:09		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137761

Review By	Janvi	Review On	11/5/2025 10:46:17 AM
Supervise By	jaswal	Supervise On	11/7/2025 12:56:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	11/04/25 13:14		Jaswal	OK
20	Q3475-01DL	GW-DRUMDL	SAM	11/04/25 13:18	5x for Fe, Still Ag oversaturated	Jaswal	Dilution
21	Q3503-04DL	323DL	SAM	11/04/25 13:29	NOT USE	Jaswal	Not Ok
22	Q3519-01	PL-01-103125	SAM	11/04/25 13:33		Jaswal	OK
23	Q3475-01DL2	GW-DRUMDL2	SAM	11/04/25 13:39	25x for Ag	Jaswal	Confirms
24	Q3503-04DL2	323DL2	SAM	11/04/25 13:43	10X for Cd	Jaswal	Confirms
25	Q3495-01	SB-1025-1	SAM	11/04/25 13:47	NOT USE	Jaswal	Not Ok
26	Q3495-01DUP	SB-1025-1DUP	DUP	11/04/25 13:51	NOT USE	Jaswal	Not Ok
27	CCV02	CCV02	CCV	11/04/25 13:55		Jaswal	OK
28	CCB02	CCB02	CCB	11/04/25 14:03		Jaswal	OK
29	Q3495-01L	SB-1025-1L	SD	11/04/25 14:08	NOT USE	Jaswal	Not Ok
30	Q3495-01MS	SB-1025-1MS	MS	11/04/25 14:12	NOT USE	Jaswal	Not Ok
31	Q3495-01MSD	SB-1025-1MSD	MSD	11/04/25 14:16	NOT USE	Jaswal	Not Ok
32	Q3495-01A	SB-1025-1A	PS	11/04/25 14:20	NOT USE	Jaswal	Not Ok
33	PB170374BL	PB170374BL	MB	11/04/25 14:24		Jaswal	OK
34	PB170374BS	PB170374BS	LCS	11/04/25 14:28		Jaswal	OK
35	Q3515-01	SU-04-103125	SAM	11/04/25 14:32		Jaswal	OK
36	Q3516-01	HD-01-103125	SAM	11/04/25 14:36		Jaswal	OK
37	Q3520-01	EO-02-103125	SAM	11/04/25 14:40		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB137761

Review By	Janvi	Review On	11/5/2025 10:46:17 AM
Supervise By	jaswal	Supervise On	11/7/2025 12:56:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	Q3520-01DUP	EO-02-103125DUP	DUP	11/04/25 14:44		Jaswal	OK
39	CCV03	CCV03	CCV	11/04/25 15:06		Jaswal	OK
40	CCB03	CCB03	CCB	11/04/25 15:10		Jaswal	OK
41	Q3520-01L	EO-02-103125L	SD	11/04/25 15:46		Jaswal	OK
42	Q3520-01MS	EO-02-103125MS	MS	11/04/25 15:50		Jaswal	OK
43	Q3520-01MSD	EO-02-103125MSD	MSD	11/04/25 15:54		Jaswal	OK
44	Q3520-01A	EO-02-103125A	PS	11/04/25 15:58	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK
45	PB170382BL	PB170382BL	MB	11/04/25 16:02		Jaswal	OK
46	PB170382BS	PB170382BS	LCS	11/04/25 16:06		Jaswal	OK
47	CCV04	CCV04	CCV	11/04/25 16:10		Jaswal	OK
48	CCB04	CCB04	CCB	11/04/25 16:14		Jaswal	OK
49	Q3527-01	RW8-SP100-2025103	SAM	11/04/25 16:18		Jaswal	OK
50	Q3527-02	RW8-SP303-2025103	SAM	11/04/25 16:23		Jaswal	OK
51	Q3527-02DUP	RW8-SP303-2025103	DUP	11/04/25 16:27		Jaswal	OK
52	Q3527-02L	RW8-SP303-2025103	SD	11/04/25 16:31		Jaswal	OK
53	Q3527-02MS	RW8-SP303-2025103	MS	11/04/25 16:35		Jaswal	OK
54	Q3527-02MSD	RW8-SP303-2025103	MSD	11/04/25 16:39		Jaswal	OK
55	Q3527-02A	RW8-SP303-2025103	PS	11/04/25 16:43	0.1 ML OF EACH M6008 AND M6017 IN 10ML SAMPLE.	Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137761

Review By	Janvi	Review On	11/5/2025 10:46:17 AM
Supervise By	jaswal	Supervise On	11/7/2025 12:56:11 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

56	Q3495-02	SB-1025-2	SAM	11/04/25 16:47		Jaswal	OK
57	Q3512-01	10200	SAM	11/04/25 16:51		Jaswal	OK
58	CCV05	CCV05	CCV	11/04/25 16:55		Jaswal	OK
59	CCB05	CCB05	CCB	11/04/25 16:59		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	jaswal	Supervise On	11/7/2025 12:58:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/05/25 11:07		Jaswal	OK
2	S1	S1	CAL2	11/05/25 11:11		Jaswal	OK
3	S2	S2	CAL3	11/05/25 11:15		Jaswal	OK
4	S3	S3	CAL4	11/05/25 11:19		Jaswal	OK
5	S4	S4	CAL5	11/05/25 11:23		Jaswal	OK
6	S5	S5	CAL6	11/05/25 11:27		Jaswal	OK
7	ICV01	ICV01	ICV	11/05/25 11:32		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/05/25 11:36		Jaswal	OK
9	ICB01	ICB01	ICB	11/05/25 11:41		Jaswal	OK
10	CRI01	CRI01	CRDL	11/05/25 11:49		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/05/25 11:53		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/05/25 12:11		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/05/25 12:15		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/05/25 12:19		Jaswal	OK
15	CCV01	CCV01	CCV	11/05/25 12:23		Jaswal	OK
16	CCB01	CCB01	CCB	11/05/25 12:33		Jaswal	OK
17	LR-1	LR-1	HIGH STD	11/05/25 12:39		Jaswal	OK
18	LR-2	LR-2	HIGH STD	11/05/25 12:44		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	jaswal	Supervise On	11/7/2025 12:58:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

19	LR-3	LR-3	HIGH STD	11/05/25 12:48		Jaswal	OK
20	Q3512-01DL	10200DL	SAM	11/05/25 12:53		Jaswal	OK
21	Q3495-01	SB-1025-1	SAM	11/05/25 12:57		Jaswal	OK
22	Q3495-01DUP	SB-1025-1DUP	DUP	11/05/25 13:01		Jaswal	OK
23	Q3495-01L	SB-1025-1L	SD	11/05/25 13:05		Jaswal	OK
24	Q3495-01MS	SB-1025-1MS	MS	11/05/25 13:09		Jaswal	OK
25	Q3495-01MSD	SB-1025-1MSD	MSD	11/05/25 13:13		Jaswal	OK
26	Q3495-01A	SB-1025-1A	PS	11/05/25 13:17	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
27	CCV02	CCV02	CCV	11/05/25 13:21		Jaswal	OK
28	CCB02	CCB02	CCB	11/05/25 13:25		Jaswal	OK
29	PB170376BL	PB170376BL	MB	11/05/25 13:32		Jaswal	OK
30	PB170376BS	PB170376BS	LCS	11/05/25 13:36		Jaswal	OK
31	Q3524-01	TH-430-DI-1	SAM	11/05/25 13:40		Jaswal	OK
32	Q3524-02	TH-430-DI-2	SAM	11/05/25 13:45		Jaswal	OK
33	Q3524-03	TH-430-DI-3	SAM	11/05/25 13:49		Jaswal	OK
34	Q3524-04	TH-404-DI-4	SAM	11/05/25 13:53		Jaswal	OK
35	Q3524-04DUP	TH-404-DI-4DUP	DUP	11/05/25 13:58		Jaswal	OK
36	Q3524-04L	TH-404-DI-4L	SD	11/05/25 14:02		Jaswal	OK
37	Q3524-04MS	TH-404-DI-4MS	MS	11/05/25 14:06		Jaswal	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	jaswal	Supervise On	11/7/2025 12:58:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

38	Q3524-04MSD	TH-404-DI-4MSD	MSD	11/05/25 14:10		Jaswal	OK
39	CCV03	CCV03	CCV	11/05/25 14:14		Jaswal	OK
40	CCB03	CCB03	CCB	11/05/25 14:18		Jaswal	OK
41	Q3524-04A	TH-404-DI-4A	PS	11/05/25 14:23	0.1 ml of each m6008 and m6017 in 10ml sample.	Jaswal	OK
42	PBS	PBS	LCS	11/05/25 14:27	Not Use	Jaswal	Not Ok
43	LCSS	LCSS	SAM	11/05/25 14:31	Not Use	Jaswal	Not Ok
44	Q3483-11	HW1025-PT-BNA-SO	SAM	11/05/25 14:38	Not Use	Jaswal	Not Ok
45	Q3483-12	HW1025-PT-TRIAZIN	SAM	11/05/25 14:42	Not Use	Jaswal	Not Ok
46	Q3483-11DL	HW1025-PT-BNA-SO	SAM	11/05/25 14:48	Not Use	Jaswal	Not Ok
47	Q3483-12DL	HW1025-PT-TRIAZIN	SAM	11/05/25 14:52	Not Use	Jaswal	Not Ok
48	CCV04	CCV04	CCV	11/05/25 15:16		Jaswal	OK
49	CCB04	CCB04	CCB	11/05/25 15:21		Jaswal	OK
50	PB170392BL	PB170392BL	MB	11/05/25 15:25		Jaswal	OK
51	PB170392BS	PB170392BS	LCS	11/05/25 15:29		Jaswal	OK
52	Q3534-01	MW-6	SAM	11/05/25 15:33		Jaswal	OK
53	Q3534-02	MW-1	SAM	11/05/25 15:38	Na high, need dilution	Jaswal	Dilution
54	Q3534-03	MW-11	SAM	11/05/25 15:42	Na high, need dilution	Jaswal	Dilution
55	Q3534-04	MW-5	SAM	11/05/25 15:47		Jaswal	OK
56	Q3534-05	MW-EB-1	SAM	11/05/25 15:51		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB137798

Review By	Janvi	Review On	11/6/2025 3:46:12 PM
Supervise By	jaswal	Supervise On	11/7/2025 12:58:19 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

57	Q3534-06	MW-EB-2	SAM	11/05/25 15:55	Na high, need dilution	Jaswal	Dilution
58	Q3534-07	MW-EB-3	SAM	11/05/25 16:00	Na high, need dilution	Jaswal	Dilution
59	Q3534-09	FB-1	SAM	11/05/25 16:04		Jaswal	OK
60	CCV05	CCV05	CCV	11/05/25 16:17		Jaswal	OK
61	CCB05	CCB05	CCB	11/05/25 16:25		Jaswal	OK
62	Q3537-03	MW-17-PURGE-WATI	SAM	11/05/25 16:30	CCB,CCV Fail for Na	Jaswal	Not Ok
63	Q3541-01	N48969	SAM	11/05/25 16:34	CCB,CCV Fail for Na	Jaswal	Not Ok
64	Q3542-01	AUD-25-182-194	SAM	11/05/25 16:38	CCB,CCV Fail for Na	Jaswal	Not Ok
65	Q3542-01DUP	AUD-25-182-194DUP	DUP	11/05/25 16:42	CCB,CCV Fail for Na	Jaswal	Not Ok
66	Q3542-01L	AUD-25-182-194L	SD	11/05/25 16:47	CCB,CCV Fail for Na	Jaswal	Not Ok
67	Q3542-01MS	AUD-25-182-194MS	MS	11/05/25 16:51	CCB,CCV Fail for Na	Jaswal	Not Ok
68	Q3542-01MSD	AUD-25-182-194MSD	MSD	11/05/25 16:55	CCB,CCV Fail for Na	Jaswal	Not Ok
69	Q3542-01A	AUD-25-182-194A	PS	11/05/25 17:00	CCB,CCV Fail for Na (0.1 ml of each m6008 and m6017 in 10ml sample.)	Jaswal	Not Ok
70	CCV06	CCV06	CCV	11/05/25 17:04		Jaswal	OK
71	CCB06	CCB06	CCB	11/05/25 17:08		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170349

SOP ID : M7471B-Mercury-19

SDG No : NA

Matrix : SOLID

Pippete ID: HG B

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/31/2025 **Time :** 09:25 **Temp :** 93 °C

End Digest Date: 10/31/2025 **Time :** 09:55 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: IL

Temp : 1. 93°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87807
CCV	30mL	MP87809
CRA	30mL	MP87811
Blank Spike	0.48mL	MP87800
Matrix Spike	0.48mL	MP87800

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5Ml	MP87813
KMnO4 (5%)	4.5mL	MP87634
Hydroxylamine HCL (12%)	2.0Ml	MP87636
PTFE Boiling Stones	--------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87801
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87802
2.5 ppb	S2.5	30mL	MP87803
5.0 ppb	S5.0	30mL	MP87804
7.5 ppb	S7.5	30mL	MP87805
10.0 ppb	S10.0	30mL	MP87806
ICV	ICV	30mL	MP87807
ICB	ICB	30mL	MP87808
CCV	CCV	30mL	MP87809
CCB	CCB	30mL	MP87810
CRI	CRI	30mL	MP87811
CHK STD	CHK STD	30mL	MP87812

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25 @ 10:35	MB - Dig. Lab	MB - Medal Lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB170349

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170349BL	PBS349	0.52	35	NA	N/A	3-1
PB170349BS	LCS349	0.50	35	NA	MP87800	2
Q3495-01DUP	SB-1025-1DUP	0.56	35	NA	N/A	4
Q3495-01MS	SB-1025-1MS	0.56	35	NA	MP87800	5
Q3495-01MSD	SB-1025-1MSD	0.57	35	NA	MP87800	6
Q3495-01	SB-1025-1	0.55	35	NA	N/A	3
Q3495-02	SB-1025-2	0.51	35	NA	N/A	7
Q3496-01	DRILL-CUTTINGS	0.52	35	NA	N/A	8
Q3497-01	OK-01-103025	0.56	35	NA	N/A	9
Q3501-01	461	0.59	35	NA	N/A	10
Q3502-04	PARTS-CLEANER	0.59	35	N/A	N/A	11

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB170353

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 10/31/2025 **Time :** 10:40 **Temp :** 96 °C

End Digest Date: 10/31/2025 **Time :** 12:42 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SRS

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6187
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
Conc. HNO3	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25 13:42	SRS met dig	SRS met dig (ATH)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170353BL	PBS353	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170353BS	LCS353	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3495-01MS	SB-1025-1MS	N/A	2.34	100	Brown	Yellow	Medium	No	M6209,M6201	5
Q3495-01MSD	SB-1025-1MSD	N/A	2.28	100	Brown	Yellow	Medium	No	M6209,M6201	6
Q3495-01DUP	SB-1025-1DUP	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	4
Q3495-01	SB-1025-1	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	3
Q3495-02	SB-1025-2	N/A	2.30	100	Brown	Yellow	Medium	No	N/A	7
Q3496-01	DRILL-CUTTINGS	N/A	2.33	100	Brown	Yellow	Medium	No	N/A	8
Q3497-01	OK-01-103025	N/A	2.40	100	Brown	Yellow	Medium	No	N/A	9
Q3501-01	461	N/A	2.10	100	Brown	Yellow	Medium	No	N/A	10
Q3502-04	PARTS-CLEANER	N/A	2.10	100	Brown	Yellow	Medium	No	N/A	11

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170354

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/31/2025 **Time :** 08:35 **Temp :** 94 °C

End Digest Date: 10/31/2025 **Time :** 10:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: M

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87807
CCV	30mL	MP87809
CRA	30mL	MP87811
Blank Spike	0.48mL	MP87800
Matrix Spike	0.48mL	MP87800

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87801
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87802
2.5 ppb	S2.5	30mL	MP87803
5.0 ppb	S5.0	30mL	MP87804
7.5 ppb	S7.5	30mL	MP87805
10.0 ppb	S10.0	30mL	MP87806
ICV	ICV	30mL	MP87807
ICB	ICB	30mL	MP87808
CCV	CCV	30mL	MP87809
CCB	CCB	30mL	MP87810
CRI	CRI	30mL	MP87811
CHK STD	CHK STD	30mL	MP87812

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/2025 11:05	MB- dig. lab	MB- metal lab
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB170354

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170354BL	PBW354	30	30	<2	N/A	3-1
PB170354BS	LCS354	30	30	<2	MP87800	2
Q3484-01DUP	TRE-25-0118DUP	30	30	<2	N/A	4
Q3484-01MS	TRE-25-0118MS	30	30	<2	MP87800	5
Q3484-01MSD	TRE-25-0118MSD	30	30	<2	MP87800	6
Q3484-01	TRE-25-0118	30	30	<2	N/A	3
Q3492-01	252611	30	30	<2	N/A	7
Q3495-03	TW-1025-1	30	30	<2	N/A	8
Q3500-02	462	30	30	<2	N/A	9
Q3500-03	463	30	30	<2	N/A	10
Q3500-04	465	30	30	<2	N/A	11
Q3500-05	461-LIQUID	30	30	<2	N/A	12
Q3502-02	PARTS-CLEANER	30	30	<2	N/A	13
Q3503-07	320	30	30	<2	N/A	14

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB170357

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 10/31/2025 **Time :** 12:35 **Temp :** 96 °C

End Digest Date: 10/31/2025 **Time :** 15:35 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SLG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25 16:35	SLG met dig	SG Metals Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170357BL	PBW357	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170357BS	LCS357	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3495-03MS	TW-1025-1MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	5
Q3495-03MSD	TW-1025-1MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	6
Q3495-03DUP	TW-1025-1DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3495-03	TW-1025-1	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3500-02	462	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3500-03	463	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3500-04	465	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3500-05	461-LIQUID	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25 10:45
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	SB-1025-2	SDG No.:	Q3495
Lab Sample ID:	Q3495-02	Matrix:	SOIL
		% Solid:	75.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.17	J	1	0.054	0.32	mg/Kg	11/03/25 10:10	11/03/25 15:18	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	10/27/25 11:15
Project:	Maclearie Park	Date Received:	10/29/25
Client Sample ID:	TW-1025-1	SDG No.:	Q3495
Lab Sample ID:	Q3495-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0024	J	1	0.0012	0.0050	mg/L	11/04/25 08:25	11/04/25 12:20	SM 4500-CN C-21 plus E-21

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **RunNo.:** LB137751

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	ICV1						
Cyanide		mg/L	0.095	0.099	96	90-110	11/03/2025
Sample ID:	CCV1						
Cyanide		mg/L	0.24	0.25	96	90-110	11/03/2025
Sample ID:	CCV2						
Cyanide		mg/L	0.25	0.25	100	90-110	11/03/2025
Sample ID:	CCV3						
Cyanide		mg/L	0.25	0.25	100	90-110	11/03/2025

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Initial and Continuing Calibration Verification

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3495
Project:	Maclearie Park	**RunNo.:**	LB137759

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.093	0.099	94	85-115	11/04/2025
Sample ID:	**CCV1**						
Cyanide		mg/L	0.24	0.25	96	90-110	11/04/2025
Sample ID:	**CCV2**						
Cyanide		mg/L	0.26	0.25	104	90-110	11/04/2025
Sample ID:	**CCV3**						
Cyanide		mg/L	0.26	0.25	104	90-110	11/04/2025

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Initial and Continuing Calibration Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park **RunNo.:** LB137751

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	0.0021	0.0025	J	0.00096	0.005	11/03/2025
Sample ID:	CCB1							
Cyanide		mg/L	0.0017	0.0025	J	0.00096	0.005	11/03/2025
Sample ID:	CCB2							
Cyanide		mg/L	0.0018	0.0025	J	0.00096	0.005	11/03/2025
Sample ID:	CCB3							
Cyanide		mg/L	0.0013	0.0025	J	0.00096	0.005	11/03/2025

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Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3495
Project:	Maclearie Park	**RunNo.:**	LB137759

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/04/2025
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/04/2025
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/04/2025
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.0012	0.005	11/04/2025

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Preparation Blank Summary

Client: Remington & Vernick Engineers **SDG No.:** Q3495

Project: Maclearie Park

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170366BL							
Cyanide	mg/Kg	0.085	0.1250	J	0.042	0.25	11/03/2025
Sample ID: PB170367BL							
Cyanide	mg/L	0.0019	0.0025	J	0.0012	0.005	11/04/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3495-03
Client ID: TW-1025-1MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.043		0.0024	J	0.04	1	102		11/04/2025

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Fax : 908 789 8922

Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3495-03
Client ID: TW-1025-1MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.047		0.0024	J	0.04	1	112		11/04/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3520-01
Client ID: EO-02-103125MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.20		0.24	J	2.1	1	93		11/03/2025

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Matrix Spike Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3520-01
Client ID: EO-02-103125MSD
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/Kg	75-125	2.30		0.24	J	2.1	1	98		11/03/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3495-03
Client ID: TW-1025-1DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.0024	J	0.0023	J	1	4		11/04/2025

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Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3495-03
Client ID: TW-1025-1MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.043		0.047		1	9		11/04/2025

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Fax : 908 789 8922

Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3520-01
Client ID: EO-02-103125DUP
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	0.24	J	0.25	J	1	4		11/03/2025

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Fax : 908 789 8922

Duplicate Sample Summary

Client: Remington & Vernick Engineers
SDG No.: Q3495
Project: Maclearie Park
Sample ID: Q3520-01
Client ID: EO-02-103125MSD
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/Kg	+/-20	2.20		2.30		1	4		11/03/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3495
Project:	Maclearie Park	**Run No.:**	LB137751

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170366BS								
Cyanide	mg/Kg	5	4.80		96	1	85-115	11/03/2025

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Fax : 908 789 8922

Laboratory Control Sample Summary

Client:	Remington & Vernick Engineers	**SDG No.:**	Q3495
Project:	Maclearie Park	**Run No.:**	LB137759

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170367BS								
Cyanide	mg/L	0.1	0.097		97	1	85-115	11/04/2025

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Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137751

Review By	rubina	Review On	11/4/2025 10:13:00 AM
Supervise By	Iwona	Supervise On	11/4/2025 10:45:59 AM
SubDirectory	LB137751	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115412,WP115413,WP115414,WP115415,WP115416,WP115417,WP115418
ICV Standard	W3012
CCV Standard	WP115413
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115420

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/03/25 09:49		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/03/25 09:49		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/03/25 09:49		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/03/25 09:49		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/03/25 09:49		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/03/25 09:49		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/03/25 09:49		rubina	OK
8	ICV1	ICV1	ICV	11/03/25 15:10		rubina	OK
9	ICB1	ICB1	ICB	11/03/25 15:10		rubina	OK
10	CCV1	CCV1	CCV	11/03/25 15:10		rubina	OK
11	CCB1	CCB1	CCB	11/03/25 15:10		rubina	OK
12	PB170366BL	PB170366BL	MB	11/03/25 15:10		rubina	OK
13	PB170366BS	PB170366BS	LCS	11/03/25 15:10		rubina	OK
14	LOWPB170366	LOWPB170366	SAM	11/03/25 15:18		rubina	OK
15	HIGHPB170366	HIGHPB170366	SAM	11/03/25 15:18		rubina	OK
16	Q3495-02	SB-1025-2	SAM	11/03/25 15:18		rubina	OK
17	Q3515-01	SU-04-103125	SAM	11/03/25 15:18		rubina	OK
18	Q3516-01	HD-01-103125	SAM	11/03/25 15:18		rubina	OK

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Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137751

Review By	rubina	Review On	11/4/2025 10:13:00 AM
Supervise By	Iwona	Supervise On	11/4/2025 10:45:59 AM
SubDirectory	LB137751	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115412,WP115413,WP115414,WP115415,WP115416,WP115417,WP115418
ICV Standard	W3012
CCV Standard	WP115413
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115420

19	Q3519-01	PL-01-103125	SAM	11/03/25 15:18		rubina	OK
20	Q3520-01	EO-02-103125	SAM	11/03/25 15:25		rubina	OK
21	Q3520-01DUP	EO-02-103125DUP	DUP	11/03/25 15:25		rubina	OK
22	CCV2	CCV2	CCV	11/03/25 15:25		rubina	OK
23	CCB2	CCB2	CCB	11/03/25 15:33		rubina	OK
24	Q3520-01MS	EO-02-103125MS	MS	11/03/25 15:33		rubina	OK
25	Q3520-01MSD	EO-02-103125MSD	MSD	11/03/25 15:33		rubina	OK
26	CCV3	CCV3	CCV	11/03/25 15:45		rubina	OK
27	CCB3	CCB3	CCB	11/03/25 15:45		rubina	OK

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Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137759

Review By	rubina	Review On	11/5/2025 10:43:35 AM
Supervise By	Iwona	Supervise On	11/5/2025 10:48:00 AM
SubDirectory	LB137759	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115425,WP115426,WP115427,WP115428,WP115429,WP115430,WP115431
ICV Standard	W3012
CCV Standard	WP115426
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115432,wp115433

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/04/25 11:23		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/04/25 11:23		rubina	OK
3	10PPBCN	10PPBCN	CAL3	11/04/25 11:23		rubina	OK
4	50PPBCN	50PPBCN	CAL4	11/04/25 11:23		rubina	OK
5	100PPBCN	100PPBCN	CAL5	11/04/25 11:23		rubina	OK
6	250PPBCN	250PPBCN	CAL6	11/04/25 11:23		rubina	OK
7	500PPBCN	500PPBCN	CAL7	11/04/25 11:23		rubina	OK
8	ICV1	ICV1	ICV	11/04/25 12:12		rubina	OK
9	ICB1	ICB1	ICB	11/04/25 12:12		rubina	OK
10	CCV1	CCV1	CCV	11/04/25 12:12		rubina	OK
11	CCB1	CCB1	CCB	11/04/25 12:13		rubina	OK
12	RL	RL	LOQ	11/04/25 12:13		rubina	OK
13	PB170367BL	PB170367BL	MB	11/04/25 12:20		rubina	OK
14	PB170367BS	PB170367BS	LCS	11/04/25 12:20		rubina	OK
15	MIDPB170367	MIDPB170367	SAM	11/04/25 12:20		rubina	OK
16	Q3495-03	TW-1025-1	SAM	11/04/25 12:20		rubina	OK
17	Q3495-03DUP	TW-1025-1DUP	DUP	11/04/25 12:20		rubina	OK
18	Q3495-03MS	TW-1025-1MS	MS	11/04/25 12:28		rubina	OK

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Fax : 908 789 8922

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB137759

Review By	rubina	Review On	11/5/2025 10:43:35 AM
Supervise By	Iwona	Supervise On	11/5/2025 10:48:00 AM
SubDirectory	LB137759	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP115425,WP115426,WP115427,WP115428,WP115429,WP115430,WP115431
ICV Standard	W3012
CCV Standard	WP115426
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113838
Chk Standard	WP115157,WP114324,WP115432,wp115433

19	Q3495-03MSD	TW-1025-1MSD	MSD	11/04/25 12:28		rubina	OK
20	Q3530-11	LOQ-WATER-05-QT4	LOQ	11/04/25 12:32		rubina	OK
21	CCV2	CCV2	CCV	11/04/25 12:32		rubina	OK
22	CCB2	CCB2	CCB	11/04/25 12:32		rubina	OK
23	Q3530-10	LOD-MDL-WATER-04	SAM	11/04/25 12:40		rubina	OK
24	Q3530-10RE	LOD-MDL-WATER-04	SAM	11/04/25 13:31		rubina	OK
25	CCV3	CCV3	CCV	11/04/25 13:31		rubina	OK
26	CCB3	CCB3	CCB	11/04/25 13:31		rubina	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q3495	**OrderDate:**	10/30/2025 10:45:41 AM
Client:	Remington & Vernick Engineers	**Project:**	Maclearie Park
Contact:	Kyle Carlson	**Location:**	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	**SB-1025-2**	**SOIL**			**10/27/25 10:45**			**10/29/25**
			Cyanide	9012B		11/03/25	11/03/25 15:18	
Q3495-03	**TW-1025-1**	**WATER**			**10/27/25 11:15**			**10/29/25**
			Cyanide	SM4500-CN C,E		11/04/25	11/04/25 12:20	

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB170366

12

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-21

SDG No : N/A

Start Digest Date: 11/03/2025 **Time :** 10:10 **Temp :** 124 °C

Matrix : SOIL

End Digest Date: 11/03/2025 **Time :** 11:40 **Temp :** 126 °C

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1 **Digestion tube ID :** M5595 **Block Thermometer ID :** WC CYANIDE

Block ID : MC-1,MC-2 **Filter paper ID :** N/A **Prep Technician Signature:** JP

Weigh By : JP **pH Meter ID :** N/A **Supervisor Signature:** 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBS003	50.0ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP113837
LOWSTD	LOWSTD	0.1ML	WP113837

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/03/2025 11:55	JP (WC)	RM
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Cyanide Preparation Sheet

PB170366

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170366BL	PBS366	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
PB170366BS	LCS366	1.00	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3495-02	SB-1025-2	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3515-01	SU-04-103125	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3516-01	HD-01-103125	1.02	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3519-01	PL-01-103125	1.01	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3520-01	EO-02-103125	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3520-01DUP	EO-02-103125DUP	1.03	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3520-01MS	EO-02-103125MS	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A
Q3520-01MSD	EO-02-103125MSD	1.04	50	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170367

12

SOP ID : MSM4500-CN C,E-Cyanide-13

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Block ID : MC-1, MC-2

Weigh By : N/A

Start Digest Date: 11/04/2025 **Time :** 08:25 **Temp :** 124 °C

End Digest Date: 11/04/2025 **Time :** 09:55 **Temp :** 126 °C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: JP

Supervisor Signature: IP

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
RL CHECK	50.0ML	WP115430
PBW	50.0ML	W3112
LOQ	2.5ML	WP115433

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.0ML	WP113836
50% v/v H2SO4	5.0ML	WP115334
51% w/v MgCL2	2.0ML	WP115335
pH Paper 0-14	N/A	W3241
Nitrate/Nitrite Strip	N/A	W3182
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

LOD WP115433 2.0ML,LOD WP115433 1.25ML

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/04/2025 10:10	JP / CDC	RM (WC)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB170367

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170367BL	PBW367	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB170367BS	LCS367	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3495-03DUP	TW-1025-1DUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3495-03MS	TW-1025-1MS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3495-03MSD	TW-1025-1MSD	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3495-03	TW-1025-1	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3530-10	LOD-MDL-WATER-04-QT4-2025	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q3530-11	LOQ-WATER-05-QT4-2025	50	50	>12	Negative	Negative	Negative	N/A	N/A

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3495
COC Number 2046870

13
13.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington Bvernick Engineers
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP 08003
ATTENTION: Kyle.Carlson@re.com
PHONE: 856-795-9595 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Mackenzie Park 81
PROJECT NO.: 130TT025 LOCATION: Belmar, NJ
PROJECT MANAGER: Kyle Carlson
e-mail: kyle.carlson@re.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvoices@re.com PO#: 130TT025
ADDRESS: 2059 Springdale Road
CITY Cherry Hill STATE: NJ ZIP 08003
ATTENTION: Kyle Carlson PHONE 856-795-9595

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
EDD FORMAT Hazsite

1. TCL PAHs
2. TAL Metals
3. VOCs
4. TCL+30 TAL
5. TAL Metals+Mercury
6. Cyanide
7. VOCs
8. VOCs
9. VOCs

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9	COMMENTS
1.	SB-1025-1	S		X	10/27/25	10:00	2	1	1								
2.	SB-1025-2	S		X	10/27/25	10:45	7		1		2			1	2	1	CH4, D/water
3.	TW-1025-1	GW		X	10/27/25	11:15	8			2	4	1	1				~~DI water~~ (M)
4.	Trip Bank	GW		X	10/24/25	08:00	4			4							
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME:	
RELINQUISHED BY SAMPLER: 1. Arianmaier	10/27/25 17:30	RECEIVED BY: 1. 1707 10/29/25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1850 10/29/25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9 °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Kyle Carlson <Kyle.Carlson@rve.com>
Sent: Thursday, October 30, 2025 3:02 PM
To: Data-EWR; Yazmeen Gomez
Subject: Re: Login Summary Details For Project Maclearie Park-Q3495.

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Hi Yazmeen - can I request addition of EPH Category 2 (non-fractionated) analysis for sample SB-10-25-2? I believe David had requested the bottleware for this analysis, but it was missed on the COC.

Please let me know if that would be possible, thanks!

From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>
Sent: Thursday, October 30, 2025 2:39 PM
To: Kyle Carlson <Kyle.Carlson@rve.com>
Cc: YAZMEEN.GOMEZ@AllianceTG.com <YAZMEEN.GOMEZ@AllianceTG.com>
Subject: Login Summary Details For Project Maclearie Park-Q3495.

To Kyle Carlson;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID	: Q3495
Project ID	: Maclearie Park
Download File	: https://chemtech.net/secureLogin.aspx
Order Date	: 10/30/2025 10:45:41 AM
Alliance's Project Manager	: YAZMEEN GOMEZ , YAZMEEN.GOMEZ@AllianceTG.com , 908-728-3147
Alliance's Sales Executive	: Jordan Hedvat , Jordan.Hedvat@AllianceTG.com , 908-728-3144

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey http://chemtech.net/ClientSurvey.aspx .

Thank you,

Alliance Technical Group LLC.

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New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3495 REMI02
Client Name : Remington & Vernick Engi
Client Contact : Kyle Carlson
Invoice Name : Remington & Vernick Engi
Invoice Contact : Kyle Carlson

Order Date : 10/30/2025 10:45:41 AM
Project Name : Maclearie Park
Receive DateTime : 10/~~30~~29/2025 ~~12:00:00 AM~~ 18:52 dd
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3495-02	SB-1025-2	Solid	10/27/2025	10:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3495-03	TW-1025-1	Water	10/27/2025	11:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low		10 Bus. Days
Q3495-04	TB	Water	10/27/2025	08:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 10/30/25 1131

Received By :
Date / Time : 10/30/25 11:31
Storage Area : VOA Refridgerator Room

Reg # 6
Reg # 2
Reg # 4