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

LAB CHRONICLE

OrderID:	Q3551	**OrderDate:**	11/5/2025 2:16:00 PM
Client:	Spectra East Inc.	**Project:**	Outfall 001 - Orangetown Dis Permit 2025
Contact:	Jacob Valeich	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3551-01	**MANHOLE**	**Water**			**11/05/25**			**11/05/25**
			SVOCMS Group1	625.1		11/07/25	11/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3551

Client: Spectra East Inc.

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

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Report of Analysis

Client:	Spectra East Inc.	Date Collected:	11/05/25
Project:	Outfall 001 - Orangetown Dis Permit 2025	Date Received:	11/05/25
Client Sample ID:	MANHOLE	SDG No.:	Q3551
Lab Sample ID:	Q3551-01	Matrix:	Water
Analytical Method:	625.1 Level: LOW	% Solid:	0
Sample Wt/Vol:	960 mL Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C Prep Date: 11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.20	ug/L	11/07/25 18:15	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	86.5			60 - 140	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.5			60 - 140	75%	SPK: 100		
1718-51-0	Terphenyl-d14	68.7			60 - 140	69%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	32100							
1146-65-2	Naphthalene-d8	130000							
15067-26-2	Acenaphthene-d10	106000							
1517-22-2	Phenanthrene-d10	265000							
1719-03-5	Chrysene-d12	335000							
1520-96-3	Perylene-d12	384000							

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.: Q3551

Client: Spectra East Inc.

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170446BL	PB170446BL	Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	95.0	95		60	140
		Terphenyl-d14	100	93.2	93		60	140
PB170446BS	PB170446BS	Nitrobenzene-d5	100	107	107		60	140
		2-Fluorobiphenyl	100	94.8	95		60	140
		Terphenyl-d14	100	94.4	94		60	140
PB170446BSD	PB170446BSD	Nitrobenzene-d5	100	107	107		60	140
		2-Fluorobiphenyl	100	99.1	99		60	140
		Terphenyl-d14	100	95.4	95		60	140
Q3551-01	MANHOLE	Nitrobenzene-d5	100	86.5	87		60	140
		2-Fluorobiphenyl	100	75.5	75		60	140
		Terphenyl-d14	100	68.7	69		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3551 **Analytical Method:** 625.1

Client: Spectra East Inc. **DataFile:** BG064718.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170446BS	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				43	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3551 **Analytical Method:** 625.1

Client: Spectra East Inc. **DataFile:** BG064719.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170446BSD	bis(2-Ethylhexyl)phthalate	50	48.1	ug/L	96	1			43	137	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170446BL

Lab Name: Alliance | Contract: SPEC01

Lab Code: ACE | SDG NO.: Q3551

Lab File ID: BG064720.D | Lab Sample ID: PB170446BL

Instrument ID: BNA_G | Date Extracted: 11/07/2025

Matrix: (soil/water) Water | Date Analyzed: 11/07/2025

Level: (low/med) LOW | Time Analyzed: 17:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170446BS	PB170446BS	BG064718.D	11/07/2025
PB170446BSD	PB170446BSD	BG064719.D	11/07/2025
MANHOLE	Q3551-01	BG064721.D	11/07/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: SPEC01

Lab Code: ACE | SDG NO.: Q3551

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	35.3
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	15.1
442	Greater than 50% of mass 198	92.7
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: SPEC01

Lab Code: ACE SDG NO.: Q3551

Lab File ID: BG064712.D DFTPP Injection Date: 11/07/2025

Instrument ID: BNA_G DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.8) 1
69	Mass 69 relative abundance	23.8
70	Less than 2.0% of mass 69	0.1 (0.6) 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	6.1
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	16.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064713.D	11/07/2025	11:06
PB170446BS	PB170446BS	BG064718.D	11/07/2025	16:13
PB170446BSD	PB170446BSD	BG064719.D	11/07/2025	16:54
PB170446BL	PB170446BL	BG064720.D	11/07/2025	17:35
MANHOLE	Q3551-01	BG064721.D	11/07/2025	18:15

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3551

Client ID : SSTDCCC040 Date Analyzed: 11/07/2025

Lab File ID: BG064713.D Time Analyzed: 11:06

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	36743	8.2	147163	11.03	116573	14.82
	UPPER LIMIT	73486	8.7	294326	11.526	233146	15.322
	LOWER LIMIT	18371.5	7.7	73581.5	10.526	58286.5	14.322
	EPA SAMPLE NO.						
01	PB170446BL	34775	8.20	132915	11.03	108996	14.82
02	PB170446BS	35988	8.20	145823	11.03	117246	14.83
03	PB170446BSD	38061	8.20	154155	11.03	120328	14.83
04	MANHOLE	32143	8.20	129572	11.03	106337	14.82

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.: Q3551

Client ID: SSTDCCC040 Date Analyzed: 11/07/2025

Lab File ID: BG064713.D Time Analyzed: 11:06

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	282159	17.56	330480	21.831	365451	25.151
	UPPER LIMIT	564318	18.06	660960	22.331	730902	25.651
	LOWER LIMIT	141080	17.06	165240	21.331	182726	24.651
	EPA SAMPLE NO.						
01	PB170446BL	300897	17.56	359918	21.83	380888	25.16
02	PB170446BS	320223	17.56	354211	21.83	356180	25.16
03	PB170446BSD	326396	17.56	355727	21.83	359174	25.16
04	MANHOLE	265224	17.56	334889	21.83	384191	25.15

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:	Spectra East Inc.			Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025			Date Received:	
Client Sample ID:	PB170446BL			SDG No.:	Q3551
Lab Sample ID:	PB170446BL			Matrix:	Water
Analytical Method:	625.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date:	11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/07/25 17:35	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	102			60 - 140	102%	SPK: 100		
321-60-8	2-Fluorobiphenyl	95.0			60 - 140	95%	SPK: 100		
1718-51-0	Terphenyl-d14	93.2			60 - 140	93%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	34800							
1146-65-2	Naphthalene-d8	133000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	301000							
1719-03-5	Chrysene-d12	360000							
1520-96-3	Perylene-d12	381000							

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:	Spectra East Inc.			Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025			Date Received:	
Client Sample ID:	PB170446BS			SDG No.:	Q3551
Lab Sample ID:	PB170446BS			Matrix:	Water
Analytical Method:	625.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date:	11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1	1.60	5.00	ug/L	11/07/25 16:13	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	107			60 - 140	107%	SPK: 100		
321-60-8	2-Fluorobiphenyl	94.8			60 - 140	95%	SPK: 100		
1718-51-0	Terphenyl-d14	94.4			60 - 140	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	36000							
1146-65-2	Naphthalene-d8	146000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	320000							
1719-03-5	Chrysene-d12	354000							
1520-96-3	Perylene-d12	356000							

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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	Spectra East Inc.			Date Collected:	
Project:	Outfall 001 - Orangetown Dis Permit 2025			Date Received:	
Client Sample ID:	PB170446BSD			SDG No.:	Q3551
Lab Sample ID:	PB170446BSD			Matrix:	Water
Analytical Method:	625.1	Level:	LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date:	11/07/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		1	1.60	5.00	ug/L	11/07/25 16:54	PB170446
SURROGATES									
4165-60-0	Nitrobenzene-d5	107			60 - 140	107%	SPK: 100		
321-60-8	2-Fluorobiphenyl	99.1			60 - 140	99%	SPK: 100		
1718-51-0	Terphenyl-d14	95.4			60 - 140	95%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	38100							
1146-65-2	Naphthalene-d8	154000							
15067-26-2	Acenaphthene-d10	120000							
1517-22-2	Phenanthrene-d10	326000							
1719-03-5	Chrysene-d12	356000							
1520-96-3	Perylene-d12	359000							

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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B = Analyte Found in Associated Method Blank
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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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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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: SPEC01

Lab Code: ACE SDG No.: Q3551

Instrument ID: BNA_G Calibration Date/Time: 11/07/2025 11:06

Lab File ID: BG064713.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	1.167		-2.1	
Phenol-d6	1.635	1.530		-6.4	
Nitrobenzene-d5	0.333	0.407		22.2	
2-Fluorobiphenyl	1.319	1.406		6.6	
2,4,6-Tribromophenol	0.289	0.381		31.8	
Terphenyl-d14	1.060	1.075		1.4	
Bis(2-ethylhexyl)phthalate	0.590	0.615		4.2	

All other compounds must meet a minimum RRF of 0.010.