

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG No.: BN012025

Instrument ID: BNA_N Calibration Date/Time: 1/20/2025 1:10:27

Lab File ID: BN035991.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.536	0.576		7.463	20.0
Fluoranthene-d10	0.993	1.092		9.97	20.0
n-Nitrosodimethylamine	0.693	0.815		17.605	20.0
2-Fluorophenol	0.981	1.122		14.373	20.0
Phenol-d6	1.219	1.348		10.582	20.0
bis(2-Chloroethyl)ether	0.929	1.125		21.098	20.0
Nitrobenzene-d5	0.317	0.415		30.915	20.0
Naphthalene	1.123	1.233		9.795	20.0
Hexachlorobutadiene	0.365	0.383		4.932	20.0
2-Methylnaphthalene	0.695	0.757		8.921	20.0
2-Fluorobiphenyl	1.755	1.847		5.242	20.0
Acenaphthylene	1.884	2.021		7.272	20.0
Acenaphthene	1.235	1.384		12.065	20.0
Fluorene	1.359	1.721		26.637	20.0
4,6-Dinitro-2-methylphenol	0.069	0.084		21.739	20.0
2,4,6-Tribromophenol	0.192	0.257		33.854	20.0
4-Bromophenyl-phenylether	0.274	0.303		10.584	20.0
Hexachlorobenzene	0.374	0.391		4.545	20.0
Atrazine	0.184	0.207		12.5	20.0
Pentachlorophenol	0.132	0.158		19.697	20.0
Phenanthrene	1.167	1.280		9.683	20.0
Anthracene	1.062	1.126		6.026	20.0
Fluoranthene	1.361	1.478		8.597	20.0
Pyrene	1.624	1.722		6.034	20.0
Terphenyl-d14	0.797	0.890		11.669	20.0
Benzo(a)anthracene	1.410	1.480		4.965	20.0
Chrysene	1.475	1.555		5.424	20.0
Bis(2-ethylhexyl)phthalate	0.574	0.771		34.321	20.0
Benzo(b)fluoranthene	1.374	1.496		8.879	20.0
Benzo(k)fluoranthene	1.360	1.484		9.118	20.0
Benzo(a)pyrene	1.190	1.256		5.546	20.0
Indeno(1,2,3-cd)pyrene	1.577	1.539		-2.41	20.0
Dibenzo(a,h)anthracene	1.255	1.209		-3.665	20.0
Benzo(g,h,i)perylene	1.403	1.360		-3.065	20.0
1,4-Dioxane	0.397	0.460		15.869	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG No.: BN012025

Instrument ID: BNA_N Calibration Date/Time: 1/20/2025 1:16:11

Lab File ID: BN036000.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.536	0.580		8.209	50.0
Fluoranthene-d10	0.993	1.025		3.223	50.0
n-Nitrosodimethylamine	0.693	0.874		26.118	50.0
2-Fluorophenol	0.981	1.150		17.227	50.0
Phenol-d6	1.219	1.348		10.582	50.0
bis(2-Chloroethyl) ether	0.929	1.119		20.452	50.0
Nitrobenzene-d5	0.317	0.430		35.647	50.0
Naphthalene	1.123	1.256		11.843	50.0
Hexachlorobutadiene	0.365	0.399		9.315	50.0
2-Methylnaphthalene	0.695	0.760		9.353	50.0
2-Fluorobiphenyl	1.755	1.950		11.111	50.0
Acenaphthylene	1.884	1.992		5.732	50.0
Acenaphthene	1.235	1.340		8.502	50.0
Fluorene	1.359	1.691		24.43	50.0
4,6-Dinitro-2-methylphenol	0.069	0.064		-7.246	50.0
2,4,6-Tribromophenol	0.192	0.234		21.875	50.0
4-Bromophenyl-phenylether	0.274	0.310		13.139	50.0
Hexachlorobenzene	0.374	0.400		6.952	50.0
Atrazine	0.184	0.211		14.674	50.0
Pentachlorophenol	0.132	0.150		13.636	50.0
Phenanthrene	1.167	1.266		8.483	50.0
Anthracene	1.062	1.127		6.121	50.0
Fluoranthene	1.361	1.383		1.616	50.0
Pyrene	1.624	1.752		7.882	50.0
Terphenyl-d14	0.797	0.905		13.551	50.0
Benzo(a)anthracene	1.410	1.477		4.752	50.0
Chrysene	1.475	1.552		5.22	50.0
Bis(2-ethylhexyl)phthalate	0.574	0.814		41.812	50.0
Benzo(b)fluoranthene	1.374	1.502		9.316	50.0
Benzo(k)fluoranthene	1.360	1.461		7.426	50.0
Benzo(a)pyrene	1.190	1.254		5.378	50.0
Indeno(1,2,3-cd)pyrene	1.577	1.653		4.819	50.0
Dibenzo(a,h)anthracene	1.255	1.315		4.781	50.0
Benzo(g,h,i)perylene	1.403	1.431		1.996	50.0
1,4-Dioxane	0.397	0.483		21.662	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BL	SDG No.:	BN012025
Lab Sample ID:	PB166108BL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035992.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BL	SDG No.:	BN012025
Lab Sample ID:	PB166108BL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035992.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.438		20-139		109	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.45		30-150		113	SPK: -0.4
367-12-4	2-Fluorophenol	0.366		10-100		91	SPK: -0.4
13127-88-3	Phenol-d6	0.35		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.494		27-123		123	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.429		34-132		107	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.345		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.508		35-157		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2441	7.817				
1146-65-2	Naphthalene-d8	4766	10.611				
15067-26-2	Acenaphthene-d10	2405	14.452				
1517-22-2	Phenanthrene-d10	4916	17.186				
1719-03-5	Chrysene-d12	4139	21.367				
1520-96-3	Perylene-d12	4174	23.666				

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	TOWER-1	SDG No.:	BN012025
Lab Sample ID:	Q1112-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035993.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.5		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.23		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	TOWER-1	SDG No.:	BN012025
Lab Sample ID:	Q1112-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035993.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.41		20-139		102	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.549		30-150		137	SPK: -0.4
367-12-4	2-Fluorophenol	0.137		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.076		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.484		27-123		121	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.368		34-132		92	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.379		10-131		95	SPK: -0.4
1718-51-0	Terphenyl-d14	0.48		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1503	7.817				
1146-65-2	Naphthalene-d8	3015	10.611				
15067-26-2	Acenaphthene-d10	1731	14.447				
1517-22-2	Phenanthrene-d10	3559	17.181				
1719-03-5	Chrysene-d12	3869	21.367				
1520-96-3	Perylene-d12	4174	23.666				

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN012025
Lab Sample ID:	Q1112-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035994.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.1		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.17	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN012025
Lab Sample ID:	Q1112-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035994.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.421		20-139		105	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.406		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.152		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.489		27-123		122	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.341		34-132		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.357		10-131		89	SPK: -0.4
1718-51-0	Terphenyl-d14	0.497		35-157		124	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2303	7.817				
1146-65-2	Naphthalene-d8	4632	10.611				
15067-26-2	Acenaphthene-d10	2756	14.452				
1517-22-2	Phenanthrene-d10	6604	17.186				
1719-03-5	Chrysene-d12	5182	21.367				
1520-96-3	Perylene-d12	5466	23.666				

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DSN002	SDG No.:	BN012025
Lab Sample ID:	Q1113-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035995.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.82		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.7		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DSN002	SDG No.:	BN012025
Lab Sample ID:	Q1113-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035995.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.415		20-139		104	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.499		30-150		125	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.083		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.531	*	27-123		133	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.326		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.353		10-131		88	SPK: -0.4
1718-51-0	Terphenyl-d14	0.507		35-157		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2567	7.817				
1146-65-2	Naphthalene-d8	5127	10.611				
15067-26-2	Acenaphthene-d10	3037	14.452				
1517-22-2	Phenanthrene-d10	5748	17.186				
1719-03-5	Chrysene-d12	5349	21.367				
1520-96-3	Perylene-d12	5484	23.663				

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DSN003	SDG No.:	BN012025
Lab Sample ID:	Q1113-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035996.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.56		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.7		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	DSN003	SDG No.:	BN012025
Lab Sample ID:	Q1113-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035996.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.414		20-139		103	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.535		30-150		134	SPK: -0.4
367-12-4	2-Fluorophenol	0.153		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.091		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.496	*	27-123		124	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.333		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.37		10-131		93	SPK: -0.4
1718-51-0	Terphenyl-d14	0.554		35-157		138	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2494	7.817				
1146-65-2	Naphthalene-d8	5208	10.611				
15067-26-2	Acenaphthene-d10	3082	14.452				
1517-22-2	Phenanthrene-d10	5815	17.186				
1719-03-5	Chrysene-d12	5337	21.367				
1520-96-3	Perylene-d12	5620	23.663				

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BN012025
Lab Sample ID:	Q1121-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035997.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.18	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BN012025
Lab Sample ID:	Q1121-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035997.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.387		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.441		30-150		110	SPK: -0.4
367-12-4	2-Fluorophenol	0.136		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.077		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.473		27-123		118	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.377		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.422		10-131		105	SPK: -0.4
1718-51-0	Terphenyl-d14	0.446		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2375	7.817				
1146-65-2	Naphthalene-d8	4813	10.611				
15067-26-2	Acenaphthene-d10	2482	14.452				
1517-22-2	Phenanthrene-d10	5010	17.186				
1719-03-5	Chrysene-d12	4480	21.367				
1520-96-3	Perylene-d12	4572	23.663				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BS	SDG No.:	BN012025
Lab Sample ID:	PB166108BS	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035998.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.46		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.5		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.43		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.45		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.89		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.48		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.38		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.5		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.81		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.45		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.56		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.38		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BS	SDG No.:	BN012025
Lab Sample ID:	PB166108BS	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035998.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.426		20-139		106	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.443		30-150		111	SPK: -0.4
367-12-4	2-Fluorophenol	0.418	*	10-100		104	SPK: -0.4
13127-88-3	Phenol-d6	0.386		10-100		97	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.533	*	27-123		133	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.426		34-132		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.45		10-131		113	SPK: -0.4
1718-51-0	Terphenyl-d14	0.448		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2154	7.817				
1146-65-2	Naphthalene-d8	4363	10.611				
15067-26-2	Acenaphthene-d10	2173	14.452				
1517-22-2	Phenanthrene-d10	4379	17.186				
1719-03-5	Chrysene-d12	4015	21.367				
1520-96-3	Perylene-d12	4099	23.663				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BSD	SDG No.:	BN012025
Lab Sample ID:	PB166108BSD	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035999.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.45		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.47		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.41		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.69		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.44		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.35		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.44		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.41		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.46		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.73		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.42		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.53		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.39		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166108BSD	SDG No.:	BN012025
Lab Sample ID:	PB166108BSD	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035999.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.402		20-139		100	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.382		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.387		10-100		97	SPK: -0.4
13127-88-3	Phenol-d6	0.351		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.506	*	27-123		126	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.428		34-132		107	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.385		10-131		96	SPK: -0.4
1718-51-0	Terphenyl-d14	0.442		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2639	7.817				
1146-65-2	Naphthalene-d8	5199	10.611				
15067-26-2	Acenaphthene-d10	2411	14.452				
1517-22-2	Phenanthrene-d10	4157	17.186				
1719-03-5	Chrysene-d12	3274	21.367				
1520-96-3	Perylene-d12	3543	23.66				

Hit Summary Sheet SW-846

SDG No.: BN012025

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TOWER-1								
Q1112-02	TOWER-1	Water	1,4-Dioxane	0.230		0.07	0.2	ug/L
Q1112-02	TOWER-1	Water	Bis(2-ethylhexyl)phthalate	0.500		0.14	0.2	ug/L
Total Svoc :				0.73				
Total Concentration:				0.73				
Client ID : TOWER-2								
Q1112-04	TOWER-2	Water	1,4-Dioxane	0.170	J	0.07	0.2	ug/L
Q1112-04	TOWER-2	Water	Bis(2-ethylhexyl)phthalate	1.100		0.14	0.2	ug/L
Total Svoc :				1.27				
Total Concentration:				1.27				
Client ID : DSN002								
Q1113-02	DSN002	Water	1,4-Dioxane	0.700		0.07	0.2	ug/L
Q1113-02	DSN002	Water	Bis(2-ethylhexyl)phthalate	0.820		0.14	0.2	ug/L
Total Svoc :				1.52				
Total Concentration:				1.52				
Client ID : DSN003								
Q1113-06	DSN003	Water	1,4-Dioxane	0.700		0.07	0.2	ug/L
Q1113-06	DSN003	Water	Bis(2-ethylhexyl)phthalate	0.560		0.14	0.2	ug/L
Total Svoc :				1.26				
Total Concentration:				1.26				
Client ID : RW10A-20250116								
Q1121-01	RW10A-20250116	Water	1,4-Dioxane	0.180	J	0.07	0.2	ug/L
Total Svoc :				0.18				
Total Concentration:				0.18				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN010225 SAS No.: BN010225 SDG No.: BN010225
Instrument ID: _____ Calibration Date(s): 1/2/2025 1: _____
Calibration Time(s): 11:28 _____

LAB FILE ID:		RRF0.1 = BN035871.D		RRF0.2 = BN035872.D		RRF0.4 = BN035873.D		
		RRF0.8 = BN035874.D		RRF1.6 = BN035875.D		RRF3.2 = BN035876.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.547	0.536	0.527	0.519	0.556	0.524	0.536	2.5
Fluoranthene-d10	0.988	0.952	0.978	0.959	1.028	1.010	0.993	3.3
n-Nitrosodimethylamine	0.707	0.674	0.676	0.690	0.722	0.690	0.693	2.5
2-Fluorophenol	1.031	1.009	0.952	0.958	0.997	0.956	0.981	3.1
Phenol-d6	1.351	1.255	1.180	1.197	1.215	1.163	1.219	5.4
bis(2-Chloroethyl)ether	1.001	0.946	0.936	0.913	0.938	0.886	0.929	4.4
Nitrobenzene-d5	0.346	0.307	0.296	0.302	0.319	0.317	0.317	5.5
Naphthalene	1.163	1.094	1.086	1.096	1.167	1.113	1.123	3.0
Hexachlorobutadiene	0.368	0.354	0.353	0.364	0.382	0.362	0.365	2.7
2-Methylnaphthalene	0.691	0.654	0.685	0.680	0.731	0.701	0.695	3.7
2-Fluorobiphenyl	1.776	1.675	1.708	1.765	1.823	1.779	1.755	2.8
Acenaphthylene	1.890	1.766	1.819	1.839	1.962	1.948	1.884	4.1
Acenaphthene	1.187	1.162	1.198	1.232	1.300	1.275	1.235	4.4
Fluorene	1.341	1.270	1.307	1.298	1.419	1.444	1.359	5.3
4,6-Dinitro-2-methylphenol	0.058	0.066	0.067	0.069	0.076	0.076	0.069	9.5
2,4,6-Tribromophenol	0.164	0.165	0.189	0.189	0.207	0.211	0.192	11.4
4-Bromophenyl-phenylether	0.265	0.269	0.268	0.267	0.290	0.283	0.274	3.5
Hexachlorobenzene	0.393	0.369	0.356	0.362	0.394	0.373	0.374	3.9
Atrazine	0.169	0.191	0.176	0.171	0.198	0.190	0.184	6.4
Pentachlorophenol	0.141	0.101	0.118	0.122	0.143	0.148	0.132	14.4
Phenanthrene	1.131	1.132	1.142	1.144	1.228	1.193	1.167	3.4
Anthracene	0.996	0.998	1.008	1.033	1.137	1.132	1.062	6.3
Fluoranthene	1.268	1.253	1.330	1.312	1.441	1.446	1.361	6.7
Pyrene	1.606	1.620	1.571	1.612	1.711	1.621	1.624	2.6
Terphenyl-d14	0.814	0.813	0.790	0.777	0.828	0.776	0.797	2.6
Benzo (a) anthracene	1.379	1.382	1.344	1.407	1.461	1.427	1.410	3.2
Chrysene	1.484	1.458	1.441	1.451	1.541	1.478	1.475	2.2
Bis(2-ethylhexyl)phthalate	0.691	0.583	0.582	0.541	0.569	0.519	0.574	10.1
Benzo (b) fluoranthene	1.337	1.304	1.294	1.351	1.466	1.420	1.374	5.1
Benzo (k) fluoranthene	1.279	1.254	1.251	1.344	1.469	1.442	1.360	7.6
Benzo (a) pyrene	1.099	1.181	1.086	1.163	1.270	1.244	1.190	6.7
Indeno (1,2,3-cd) pyrene	1.428	1.461	1.414	1.578	1.697	1.712	1.577	9.1
Dibenzo (a,h) anthracene	1.145	1.152	1.106	1.251	1.363	1.365	1.255	9.8
Benzo (g,h,i) perylene	1.335	1.316	1.245	1.407	1.490	1.501	1.403	7.7
1,4-Dioxane	0.454	0.422	0.373	0.388	0.391	0.377	0.397	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG NO.: BN012025

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BN035873.D Time Analyzed: 11:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	1261	7.836	2582	10.63	1358	14.46
UPPER LIMIT	2522	8.336	5164	11.126	2716	14.962
LOWER LIMIT	630.5	7.336	1291	10.126	679	13.962
EPA SAMPLE NO.						
01 PB166108BL	2441	7.82	4766	10.61	2405	14.45
02 TOWER-1	1503	7.82	3015	10.61	1731	14.45
03 TOWER-2	2303	7.82	4632	10.61	2756 *	14.45
04 DSN002	2567 *	7.82	5127	10.61	3037 *	14.45
05 DSN003	2494	7.82	5208 *	10.61	3082 *	14.45
06 RW10A-20250116	2375	7.82	4813	10.61	2482	14.45
07 PB166108BS	2154	7.82	4363	10.61	2173	14.45
08 PB166108BSD	2639 *	7.82	5199 *	10.61	2411	14.45

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG NO.: BN012025

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BN035991.D Time Analyzed: 11:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2147	7.817	4278	10.61	2153	14.45
UPPER LIMIT	4294	8.317	8556	11.111	4306	14.952
LOWER LIMIT	1073.5	7.317	2139	10.111	1076.5	13.952
EPA SAMPLE NO.						
01 PB166108BL	2441	7.82	4766	10.61	2405	14.45
02 TOWER-1	1503	7.82	3015	10.61	1731	14.45
03 TOWER-2	2303	7.82	4632	10.61	2756	14.45
04 DSN002	2567	7.82	5127	10.61	3037	14.45
05 DSN003	2494	7.82	5208	10.61	3082	14.45
06 RW10A-20250116	2375	7.82	4813	10.61	2482	14.45
07 PB166108BS	2154	7.82	4363	10.61	2173	14.45
08 PB166108BSD	2639	7.82	5199	10.61	2411	14.45

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG NO.: BN012025

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BN035873.D Time Analyzed: 11:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2769	17.21	2381	21.384	2623	23.694
UPPER LIMIT	5538	17.71	4762	21.884	5246	24.194
LOWER LIMIT	1384.5	16.71	1190.5	20.884	1311.5	23.194
EPA SAMPLE NO.						
01 PB166108BL	4916	17.19	4139	21.37	4174	23.67
02 TOWER-1	3559	17.18	3869	21.37	4174	23.67
03 TOWER-2	6604 *	17.19	5182 *	21.37	5466 *	23.67
04 DSN002	5748 *	17.19	5349 *	21.37	5484 *	23.66
05 DSN003	5815 *	17.19	5337 *	21.37	5620 *	23.66
06 RW10A-20250116	5010	17.19	4480	21.37	4572	23.66
07 PB166108BS	4379	17.19	4015	21.37	4099	23.66
08 PB166108BSD	4157	17.19	3274	21.37	3543	23.66

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN012025 SAS No.: BN012025 SDG NO.: BN012025

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BN035991.D Time Analyzed: 11:03

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	4411	17.186	3822	21.367	3850	23.666
UPPER LIMIT	8822	17.686	7644	21.867	7700	24.166
LOWER LIMIT	2205.5	16.686	1911	20.867	1925	23.166
EPA SAMPLE NO.						
01 PB166108BL	4916	17.19	4139	21.37	4174	23.67
02 TOWER-1	3559	17.18	3869	21.37	4174	23.67
03 TOWER-2	6604	17.19	5182	21.37	5466	23.67
04 DSN002	5748	17.19	5349	21.37	5484	23.66
05 DSN003	5815	17.19	5337	21.37	5620	23.66
06 RW10A-20250116	5010	17.19	4480	21.37	4572	23.66
07 PB166108BS	4379	17.19	4015	21.37	4099	23.66
08 PB166108BSD	4157	17.19	3274	21.37	3543	23.66

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN012025

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166108BS	n-Nitrosodimethylamine	0.4	0.46	ug/L	115				33	130	
	bis(2-Chloroethyl)ether	0.4	0.5	ug/L	125		*		55	118	
	Naphthalene	0.4	0.43	ug/L	108				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.43	ug/L	108				50	122	
	Acenaphthylene	0.4	0.45	ug/L	113				60	119	
	Acenaphthene	0.4	0.44	ug/L	110				65	119	
	Total PAH	6.4	6.89	ug/L	108				65	119	
	Fluorene	0.4	0.48	ug/L	120				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.38	ug/L	95				20	150	
	4-Bromophenyl-phenylether	0.4	0.41	ug/L	103				20	150	
	Hexachlorobenzene	0.4	0.4	ug/L	100				62	127	
	Atrazine	0.4	0.5	ug/L	125				20	150	
	Pentachlorophenol	0.8	0.81	ug/L	101				10	137	
	Phenanthrene	0.4	0.44	ug/L	110				65	117	
	Anthracene	0.4	0.45	ug/L	113				57	118	
	Fluoranthene	0.4	0.42	ug/L	105				53	126	
	Pyrene	0.4	0.4	ug/L	100				54	124	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				54	130	
	Chrysene	0.4	0.41	ug/L	103				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.56	ug/L	140		*		40	137	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				65	121	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				72	119	
	Benzo(a)pyrene	0.4	0.46	ug/L	115				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				76	117	
	1,4-Dioxane	0.4	0.38	ug/L	95				42	127	
PB166108BSD	n-Nitrosodimethylamine	0.4	0.45	ug/L	113				33	130	20
	bis(2-Chloroethyl)ether	0.4	0.47	ug/L	117				55	118	20
	Naphthalene	0.4	0.41	ug/L	103				67	120	20
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	20
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122	20
	Acenaphthylene	0.4	0.43	ug/L	108				60	119	20
	Acenaphthene	0.4	0.42	ug/L	105				65	119	20
	Total PAH	6.4	6.69	ug/L	105				65	119	20
	Fluorene	0.4	0.44	ug/L	110				58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.35	ug/L	88				20	150	20
	4-Bromophenyl-phenylether	0.4	0.44	ug/L	110				20	150	20
	Hexachlorobenzene	0.4	0.41	ug/L	103				62	127	20
	Atrazine	0.4	0.46	ug/L	115				20	150	20
	Pentachlorophenol	0.8	0.73	ug/L	91				10	137	20
	Phenanthrene	0.4	0.42	ug/L	105				65	117	20
	Anthracene	0.4	0.42	ug/L	105				57	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN012025

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166108BSD	Fluoranthene	0.4	0.37	ug/L	93				53	126	20
	Pyrene	0.4	0.4	ug/L	100				54	124	20
	Benzo(a)anthracene	0.4	0.42	ug/L	105				54	130	20
	Chrysene	0.4	0.41	ug/L	103				64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.53	ug/L	133				40	137	20
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				65	121	20
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				72	119	20
	Benzo(a)pyrene	0.4	0.45	ug/L	113				68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				70	127	20
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108				65	121	20
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				76	117	20
	1,4-Dioxane	0.4	0.39	ug/L	98				42	127	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166108BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN012025

SAS No.: BN012025 SDG NO.: BN012025

Lab File ID: BN035992.D

Lab Sample ID: PB166108BL

Instrument ID: BNA_N

Date Extracted: 01/17/2025

Matrix: (soil/water) Water

Date Analyzed: 01/20/2025

Level: (low/med) LOW

Time Analyzed: 11:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TOWER-1	Q1112-02	BN035993.D	01/20/2025
TOWER-2	Q1112-04	BN035994.D	01/20/2025
DSN002	Q1113-02	BN035995.D	01/20/2025
DSN003	Q1113-06	BN035996.D	01/20/2025
RW10A-20250116	Q1121-01	BN035997.D	01/20/2025
PB166108BS	PB166108BS	BN035998.D	01/20/2025
PB166108BSD	PB166108BSD	BN035999.D	01/20/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BN012025**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166108BL	PB166108BL	BN035992.D	2-Methylnaphthalene-d10	0.4	0.44	109		20	139
			Fluoranthene-d10	0.4	0.45	113		30	150
			2-Fluorophenol	0.4	0.37	91		10	100
			Phenol-d6	0.4	0.35	88		10	100
			Nitrobenzene-d5	0.4	0.49	123		27	123
			2-Fluorobiphenyl	0.4	0.43	107		34	132
			2,4,6-Tribromophenol	0.4	0.35	86		10	131
			Terphenyl-d14	0.4	0.51	127		35	157
PB166108BS	PB166108BS	BN035998.D	2-Methylnaphthalene-d10	0.4	0.43	106		20	139
			Fluoranthene-d10	0.4	0.44	111		30	150
			2-Fluorophenol	0.4	0.42	104	*	10	100
			Phenol-d6	0.4	0.39	97		10	100
			Nitrobenzene-d5	0.4	0.53	133	*	27	123
			2-Fluorobiphenyl	0.4	0.43	106		34	132
			2,4,6-Tribromophenol	0.4	0.45	113		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
PB166108BSD	PB166108BSD	BN035999.D	2-Methylnaphthalene-d10	0.4	0.40	100		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.39	97		10	100
			Phenol-d6	0.4	0.35	88		10	100
			Nitrobenzene-d5	0.4	0.51	126	*	27	123
			2-Fluorobiphenyl	0.4	0.43	107		34	132
			2,4,6-Tribromophenol	0.4	0.39	96		10	131
			Terphenyl-d14	0.4	0.44	111		35	157
Q1112-02	TOWER-1	BN035993.D	2-Methylnaphthalene-d10	0.4	0.41	102		20	139
			Fluoranthene-d10	0.4	0.55	137		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.48	121		27	123
			2-Fluorobiphenyl	0.4	0.37	92		34	132
			2,4,6-Tribromophenol	0.4	0.38	95		10	131
			Terphenyl-d14	0.4	0.48	120		35	157
Q1112-04	TOWER-2	BN035994.D	2-Methylnaphthalene-d10	0.4	0.42	105		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.49	122		27	123
			2-Fluorobiphenyl	0.4	0.34	85		34	132
			2,4,6-Tribromophenol	0.4	0.36	89		10	131
			Terphenyl-d14	0.4	0.50	124		35	157
Q1113-02	DSN002	BN035995.D	2-Methylnaphthalene-d10	0.4	0.42	104		20	139
			Fluoranthene-d10	0.4	0.50	125		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.08	21		10	100
			Nitrobenzene-d5	0.4	0.53	133	*	27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.35	88		10	131
			Terphenyl-d14	0.4	0.51	127		35	157
Q1113-06	DSN003	BN035996.D	2-Methylnaphthalene-d10	0.4	0.41	103		20	139

Surrogate Summary

SW-846

SDG No.: BN012025

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1113-06	DSN003	BN035996.D	Fluoranthene-d10	0.4	0.54	134		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.50	124	*	27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.37	93		10	131
			Terphenyl-d14	0.4	0.55	138		35	157
Q1121-01	RW10A-20250116	BN035997.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.44	110		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.47	118		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.42	105		10	131
			Terphenyl-d14	0.4	0.45	112		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN012025

Lab Code: CHEM

SAS No.: BN012025

SDG NO.: BN012025

Lab File ID: BN035990.D

DFTPP Injection Date: 01/20/2025

Instrument ID: BNA_N

DFTPP Injection Time: 09:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	51.3
68	Less than 2.0% of mass 69	0.4 (0.8) 1
69	Mass 69 relative abundance	47.1
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	9.1
442	Greater than 50% of mass 198	54
443	15.0 - 24.0% of mass 442	10.1 (18.6) 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
SSTDCCC0.4	SSTDCCC0.4	BN035991.D	01/20/2025	10:27
PB166108BL	PB166108BL	BN035992.D	01/20/2025	11:03
TOWER-1	Q1112-02	BN035993.D	01/20/2025	11:39
TOWER-2	Q1112-04	BN035994.D	01/20/2025	12:15
DSN002	Q1113-02	BN035995.D	01/20/2025	12:51
DSN003	Q1113-06	BN035996.D	01/20/2025	13:27
RW10A-20250116	Q1121-01	BN035997.D	01/20/2025	14:03
PB166108BS	PB166108BS	BN035998.D	01/20/2025	14:38
PB166108BSD	PB166108BSD	BN035999.D	01/20/2025	15:14
SSTDCCC0.4EC	SSTDCCC0.4	BN036000.D	01/20/2025	16:11