

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN100824 SAS No.: BN100824 SDG No.: BN100824

Instrument ID: BNA_N Calibration Date/Time: 10/8/2024 1:12:32

Lab File ID: BN034467.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	0.591	0.518		-12.352	20.0
Fluoranthene-d10	1.009	0.930		-7.83	20.0
n-Nitrosodimethylamine	0.569	0.400		-29.701	20.0
2-Fluorophenol	1.135	1.016		-10.485	20.0
Phenol-d6	1.320	1.049		-20.53	20.0
bis(2-Chloroethyl)ether	1.168	0.970		-16.952	20.0
Nitrobenzene-d5	0.306	0.250		-18.301	20.0
Naphthalene	1.098	1.024		-6.74	20.0
Hexachlorobutadiene	0.207	0.231		11.594	20.0
2-Methylnaphthalene	0.714	0.624		-12.605	20.0
2-Fluorobiphenyl	1.627	1.372		-15.673	20.0
Acenaphthylene	1.712	1.516		-11.449	20.0
Acenaphthene	1.228	1.112		-9.446	20.0
Fluorene	1.612	1.315		-18.424	20.0
4,6-Dinitro-2-methylphenol	0.057	0.006		-89.474	20.0
2,4,6-Tribromophenol	0.181	0.164		-9.392	20.0
4-Bromophenyl-phenylether	0.225	0.215		-4.444	20.0
Hexachlorobenzene	0.252	0.304		20.635	20.0
Atrazine	0.186	0.160		-13.978	20.0
Pentachlorophenol	0.083	0.105		26.506	20.0
Phenanthrene	1.149	1.033		-10.096	20.0
Anthracene	0.937	0.856		-8.645	20.0
Fluoranthene	1.331	1.245		-6.461	20.0
Pyrene	1.688	1.519		-10.012	20.0
Terphenyl-d14	0.799	0.659		-17.522	20.0
Benzo(a)anthracene	1.265	0.404		-68.063	20.0
Chrysene	1.510	1.415		-6.291	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	20.0
Benzo(b)fluoranthene	1.567	1.364		-12.955	20.0
Benzo(k)fluoranthene	1.645	1.495		-9.119	20.0
Benzo(a)pyrene	1.277	1.180		-7.596	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.592		-7.118	20.0
Dibenzo(a,h)anthracene	1.331	1.235		-7.213	20.0
Benzo(g,h,i)perylene	1.495	1.430		-4.348	20.0
1,4-Dioxane	0.500	0.473		-5.4	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.: BN100824 SAS No.: BN100824 SDG No.: BN100824

Instrument ID: BNA_N Calibration Date/Time: 10/8/2024 1: 20:24

Lab File ID: BN034480.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	0.591	0.518		-12.352	50.0
Fluoranthene-d10	1.009	0.867		-14.073	50.0
n-Nitrosodimethylamine	0.569	0.400		-29.701	50.0
2-Fluorophenol	1.135	0.968		-14.714	50.0
Phenol-d6	1.320	0.965		-26.894	50.0
bis(2-Chloroethyl) ether	1.168	0.921		-21.147	50.0
Nitrobenzene-d5	0.306	0.236		-22.876	50.0
Naphthalene	1.098	1.014		-7.65	50.0
Hexachlorobutadiene	0.207	0.229		10.628	50.0
2-Methylnaphthalene	0.714	0.623		-12.745	50.0
2-Fluorobiphenyl	1.627	1.321		-18.808	50.0
Acenaphthylene	1.712	1.447		-15.479	50.0
Acenaphthene	1.228	1.084		-11.726	50.0
Fluorene	1.612	1.285		-20.285	50.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	50.0
2,4,6-Tribromophenol	0.181	0.136		-24.862	50.0
4-Bromophenyl-phenylether	0.225	0.214		-4.889	50.0
Hexachlorobenzene	0.252	0.309		22.619	50.0
Atrazine	0.186	0.151		-18.817	50.0
Pentachlorophenol	0.083	0.081		-2.41	50.0
Phenanthrene	1.149	1.009		-12.185	50.0
Anthracene	0.937	0.815		-13.02	50.0
Fluoranthene	1.331	1.144		-14.05	50.0
Pyrene	1.688	1.659		-1.718	50.0
Terphenyl-d14	0.799	0.721		-9.762	50.0
Benzo(a) anthracene	1.265	0.419		-66.877	50.0
Chrysene	1.510	1.437		-4.834	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	50.0
Benzo(b) fluoranthene	1.567	1.329		-15.188	50.0
Benzo(k) fluoranthene	1.645	1.501		-8.754	50.0
Benzo(a) pyrene	1.277	1.179		-7.674	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.607		-6.243	50.0
Dibenzo(a,h)anthracene	1.331	1.221		-8.264	50.0
Benzo(g,h,i)perylene	1.495	1.478		-1.137	50.0
1,4-Dioxane	0.500	0.448		-10.4	50.0

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.: BN100824 SAS No.: BN100824 SDG No.: BN100824

Instrument ID: BNA_N Calibration Date/Time: 10/9/2024 1:00:08

Lab File ID: BN034482.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	0.591	0.553		-6.43	20.0
Fluoranthene-d10	1.009	0.942		-6.64	20.0
n-Nitrosodimethylamine	0.569	0.390		-31.459	20.0
2-Fluorophenol	1.135	1.107		-2.467	20.0
Phenol-d6	1.320	1.126		-14.697	20.0
bis(2-Chloroethyl) ether	1.168	0.928		-20.548	20.0
Nitrobenzene-d5	0.306	0.235		-23.203	20.0
Naphthalene	1.098	1.015		-7.559	20.0
Hexachlorobutadiene	0.207	0.228		10.145	20.0
2-Methylnaphthalene	0.714	0.632		-11.485	20.0
2-Fluorobiphenyl	1.627	1.345		-17.333	20.0
Acenaphthylene	1.712	1.455		-15.012	20.0
Acenaphthene	1.228	1.098		-10.586	20.0
Fluorene	1.612	1.338		-16.998	20.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	20.0
2,4,6-Tribromophenol	0.181	0.161		-11.05	20.0
4-Bromophenyl-phenylether	0.225	0.213		-5.333	20.0
Hexachlorobenzene	0.252	0.312		23.81	20.0
Atrazine	0.186	0.159		-14.516	20.0
Pentachlorophenol	0.083	0.076		-8.434	20.0
Phenanthrene	1.149	1.034		-10.009	20.0
Anthracene	0.937	0.823		-12.166	20.0
Fluoranthene	1.331	1.183		-11.119	20.0
Pyrene	1.688	1.806		6.991	20.0
Terphenyl-d14	0.799	0.899		12.516	20.0
Benzo(a)anthracene	1.265	0.397		-68.617	20.0
Chrysene	1.510	1.481		-1.921	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	20.0
Benzo(b)fluoranthene	1.567	1.361		-13.146	20.0
Benzo(k)fluoranthene	1.645	1.584		-3.708	20.0
Benzo(a)pyrene	1.277	1.193		-6.578	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.623		-5.309	20.0
Dibenzo(a,h)anthracene	1.331	1.240		-6.837	20.0
Benzo(g,h,i)perylene	1.495	1.513		1.204	20.0
1,4-Dioxane	0.500	0.481		-3.8	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.: BN100824 SAS No.: BN100824 SDG No.: BN100824

Instrument ID: BNA_N Calibration Date/Time: 10/9/2024 1:09:09

Lab File ID: BN034497.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	0.591	0.527		-10.829	50.0
Fluoranthene-d10	1.009	0.844		-16.353	50.0
n-Nitrosodimethylamine	0.569	0.410		-27.944	50.0
2-Fluorophenol	1.135	0.955		-15.859	50.0
Phenol-d6	1.320	1.238		-6.212	50.0
bis(2-Chloroethyl) ether	1.168	0.863		-26.113	50.0
Nitrobenzene-d5	0.306	0.231		-24.51	50.0
Naphthalene	1.098	1.010		-8.015	50.0
Hexachlorobutadiene	0.207	0.227		9.662	50.0
2-Methylnaphthalene	0.714	0.635		-11.064	50.0
2-Fluorobiphenyl	1.627	1.306		-19.73	50.0
Acenaphthylene	1.712	1.469		-14.194	50.0
Acenaphthene	1.228	1.110		-9.609	50.0
Fluorene	1.612	1.342		-16.749	50.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	50.0
2,4,6-Tribromophenol	0.181	0.138		-23.757	50.0
4-Bromophenyl-phenylether	0.225	0.214		-4.889	50.0
Hexachlorobenzene	0.252	0.308		22.222	50.0
Atrazine	0.186	0.150		-19.355	50.0
Pentachlorophenol	0.083	0.069		-16.867	50.0
Phenanthrene	1.149	1.044		-9.138	50.0
Anthracene	0.937	0.828		-11.633	50.0
Fluoranthene	1.331	1.103		-17.13	50.0
Pyrene	1.688	1.937		14.751	50.0
Terphenyl-d14	0.799	0.870		8.886	50.0
Benzo(a)anthracene	1.265	0.379		-70.04	50.0
Chrysene	1.510	1.472		-2.517	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	50.0
Benzo(b)fluoranthene	1.567	1.300		-17.039	50.0
Benzo(k)fluoranthene	1.645	1.487		-9.605	50.0
Benzo(a)pyrene	1.277	1.126		-11.825	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.554		-9.335	50.0
Dibenzo(a,h)anthracene	1.331	1.187		-10.819	50.0
Benzo(g,h,i)perylene	1.495	1.459		-2.408	50.0
1,4-Dioxane	0.500	0.487		-2.6	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163839BL	SDG No.:	BN100824
Lab Sample ID:	PB163839BL	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
BN034468.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

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:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163839BL	SDG No.:	BN100824
Lab Sample ID:	PB163839BL	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
BN034468.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.323		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.373		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.353		10-100		88	SPK: -0.4
13127-88-3	Phenol-d6	0.22		10-100		55	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.267		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.31		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.265		10-131		66	SPK: -0.4
1718-51-0	Terphenyl-d14	0.343		35-157		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5371	7.38				
1146-65-2	Naphthalene-d8	14280	10.137				
15067-26-2	Acenaphthene-d10	7333	14.04				
1517-22-2	Phenanthrene-d10	12040	16.808				
1719-03-5	Chrysene-d12	10785	21.017				
1520-96-3	Perylene-d12	11785	23.13				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN100824
Lab Sample ID:	P4260-02	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
BN034469.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

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	0.03	J	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	0.17	J	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	0.13	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN100824
Lab Sample ID:	P4260-02	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
BN034469.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.357		20-139		89	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.407		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.146		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.103		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.328		27-123		82	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.301		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.916	*	10-131		229	SPK: -0.4
1718-51-0	Terphenyl-d14	0.487		35-157		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5617	7.38				
1146-65-2	Naphthalene-d8	15622	10.127				
15067-26-2	Acenaphthene-d10	9172	14.026				
1517-22-2	Phenanthrene-d10	15918	16.79				
1719-03-5	Chrysene-d12	14374	21.015				
1520-96-3	Perylene-d12	13789	23.122				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT180D2-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-01	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
BN034470.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

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	J	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	4.1		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT180D2-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-01	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
BN034470.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.344		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.409		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.137		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.05		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.28		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.299		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.325		10-131		81	SPK: -0.4
1718-51-0	Terphenyl-d14	0.434		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5295	7.38				
1146-65-2	Naphthalene-d8	14843	10.137				
15067-26-2	Acenaphthene-d10	8348	14.026				
1517-22-2	Phenanthrene-d10	14510	16.79				
1719-03-5	Chrysene-d12	11622	21.015				
1520-96-3	Perylene-d12	12734	23.125				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-02	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
BN034471.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

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	1.5		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-02	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
BN034471.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.37		20-139		93	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.487		30-150		122	SPK: -0.4
367-12-4	2-Fluorophenol	0.128		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.051		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		34-132		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.334		10-131		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.443		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5419	7.38				
1146-65-2	Naphthalene-d8	14581	10.137				
15067-26-2	Acenaphthene-d10	8377	14.026				
1517-22-2	Phenanthrene-d10	15109	16.79				
1719-03-5	Chrysene-d12	14343	21.015				
1520-96-3	Perylene-d12	15964	23.128				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924MS	SDG No.:	BN100824
Lab Sample ID:	P4226-03MS	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
BN034472.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.13	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.37		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.38		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.35		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.5		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.42		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	1.2		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	0.44		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.44		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.12		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.46		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	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		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	0.43		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	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.6		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924MS	SDG No.:	BN100824
Lab Sample ID:	P4226-03MS	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
BN034472.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.395		20-139		99	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.462		30-150		115	SPK: -0.4
367-12-4	2-Fluorophenol	0.157		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.077		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.332		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.412		10-131		103	SPK: -0.4
1718-51-0	Terphenyl-d14	0.466		35-157		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5294	7.38				
1146-65-2	Naphthalene-d8	14512	10.137				
15067-26-2	Acenaphthene-d10	7851	14.03				
1517-22-2	Phenanthrene-d10	14865	16.783				
1719-03-5	Chrysene-d12	13132	21.017				
1520-96-3	Perylene-d12	15491	23.124				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924MSD	SDG No.:	BN100824
Lab Sample ID:	P4226-04MSD	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
BN034473.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.33		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.36		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.97		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.4		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.47		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.4		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.41		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.11		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.44		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	0.37		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.5		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT172S1-20240924MSD	SDG No.:	BN100824
Lab Sample ID:	P4226-04MSD	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
BN034473.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.369		20-139		92	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.436		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.146		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.069		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.308		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.296		34-132		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.385		10-131		96	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	5087	7.38				
1146-65-2	Naphthalene-d8	14006	10.137				
15067-26-2	Acenaphthene-d10	7679	14.03				
1517-22-2	Phenanthrene-d10	14426	16.784				
1719-03-5	Chrysene-d12	12630	21.017				
1520-96-3	Perylene-d12	15104	23.128				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT149I1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-05	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
BN034474.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

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	0.61		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT149I1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034474.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.336		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.445		30-150		111	SPK: -0.4
367-12-4	2-Fluorophenol	0.149		10-100		37	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.266		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.305		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.344		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.434		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4716	7.38				
1146-65-2	Naphthalene-d8	12142	10.137				
15067-26-2	Acenaphthene-d10	6650	14.03				
1517-22-2	Phenanthrene-d10	12270	16.796				
1719-03-5	Chrysene-d12	10732	21.017				
1520-96-3	Perylene-d12	11777	23.127				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT149S1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034475.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	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
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	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	0.21	0.21	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	0.21	0.21	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	0.21	0.21	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	0.04	U	0.04	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	0.21		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT149S1-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034475.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.28		20-139		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.405		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.134		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.051		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.252		27-123		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.26		34-132		65	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.318		10-131		79	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	5649	7.38				
1146-65-2	Naphthalene-d8	15544	10.137				
15067-26-2	Acenaphthene-d10	8475	14.03				
1517-22-2	Phenanthrene-d10	13867	16.796				
1719-03-5	Chrysene-d12	11007	21.017				
1520-96-3	Perylene-d12	12641	23.127				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	RW11-MW01S-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-07	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
BN034476.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

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	0.12	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	RW11-MW01S-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-07	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
BN034476.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.331		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.467		30-150		117	SPK: -0.4
367-12-4	2-Fluorophenol	0.18		10-100		45	SPK: -0.4
13127-88-3	Phenol-d6	0.074		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.303		27-123		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.314		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.374		10-131		94	SPK: -0.4
1718-51-0	Terphenyl-d14	0.462		35-157		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4988	7.38				
1146-65-2	Naphthalene-d8	13270	10.137				
15067-26-2	Acenaphthene-d10	7274	14.03				
1517-22-2	Phenanthrene-d10	12869	16.796				
1719-03-5	Chrysene-d12	11317	21.017				
1520-96-3	Perylene-d12	12881	23.128				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	RW11-MW011-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-08	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034477.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	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	0.48	U	0.48	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	0.15	U	0.15	0.21	0.21	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	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	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	0.15	U	0.15	0.21	0.21	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	0.04	U	0.04	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	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	RW11-MW011-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-08	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034477.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.301		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.404		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.159		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.066		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.253		27-123		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.274		34-132		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.319		10-131		80	SPK: -0.4
1718-51-0	Terphenyl-d14	0.481		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5698	7.38				
1146-65-2	Naphthalene-d8	16454	10.137				
15067-26-2	Acenaphthene-d10	9269	14.026				
1517-22-2	Phenanthrene-d10	15260	16.79				
1719-03-5	Chrysene-d12	11081	21.015				
1520-96-3	Perylene-d12	12648	23.125				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163796BS	SDG No.:	BN100824
Lab Sample ID:	PB163796BS	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
BN034478.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.28		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.31		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.37		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.8		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.38		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.48		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.35		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.63		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.13		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		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	0.35		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.27		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163796BS	SDG No.:	BN100824
Lab Sample ID:	PB163796BS	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
BN034478.D	1	9/30/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.481		20-139		120	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.385		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.358		10-100		90	SPK: -0.4
13127-88-3	Phenol-d6	0.298		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.33		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.343		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.335		10-131		84	SPK: -0.4
1718-51-0	Terphenyl-d14	0.449		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4797	7.38				
1146-65-2	Naphthalene-d8	13583	10.137				
15067-26-2	Acenaphthene-d10	7310	14.03				
1517-22-2	Phenanthrene-d10	13458	16.796				
1719-03-5	Chrysene-d12	9539	21.017				
1520-96-3	Perylene-d12	10447	23.125				

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163839BS	SDG No.:	BN100824
Lab Sample ID:	PB163839BS	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
BN034479.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.29		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.3		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.57		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.47		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.33		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.74		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.37		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.15		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.38		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	0.34		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	PB163839BS	SDG No.:	BN100824
Lab Sample ID:	PB163839BS	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
BN034479.D	1	10/2/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.416		20-139		104	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.356		30-150		89	SPK: -0.4
367-12-4	2-Fluorophenol	0.337		10-100		84	SPK: -0.4
13127-88-3	Phenol-d6	0.276		10-100		69	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.317		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.327		34-132		82	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.281		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4559	7.38				
1146-65-2	Naphthalene-d8	12578	10.137				
15067-26-2	Acenaphthene-d10	6669	14.026				
1517-22-2	Phenanthrene-d10	11371	16.79				
1719-03-5	Chrysene-d12	8541	21.015				
1520-96-3	Perylene-d12	9461	23.125				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163796BL	SDG No.:	BN100824
Lab Sample ID:	PB163796BL	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
BN034483.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163796BL	SDG No.:	BN100824
Lab Sample ID:	PB163796BL	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
BN034483.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.328		20-139		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.388		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.364		10-100		91	SPK: -0.4
13127-88-3	Phenol-d6	0.271		10-100		68	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.238		27-123		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.324		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.237		10-131		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.454		35-157		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3744	7.38				
1146-65-2	Naphthalene-d8	10410	10.148				
15067-26-2	Acenaphthene-d10	6180	14.037				
1517-22-2	Phenanthrene-d10	11191	16.803				
1719-03-5	Chrysene-d12	7704	21.015				
1520-96-3	Perylene-d12	8020	23.122				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DUP07-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-09	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034484.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	J	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	0.46	U	0.46	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	0.21	0.21	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	0.21	0.21	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	0.21	0.21	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	0.04	U	0.04	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	4.5		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DUP07-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-09	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034484.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.254		20-139		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.365		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.051		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.214		27-123		53	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.238		34-132		60	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.266		10-131		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.491		35-157		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4467	7.38				
1146-65-2	Naphthalene-d8	12487	10.137				
15067-26-2	Acenaphthene-d10	7076	14.026				
1517-22-2	Phenanthrene-d10	12271	16.79				
1719-03-5	Chrysene-d12	8090	21.006				
1520-96-3	Perylene-d12	9497	23.116				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DUP08-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-10	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
BN034485.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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	0.1	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	DUP08-20240924	SDG No.:	BN100824
Lab Sample ID:	P4226-10	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
BN034485.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.291		20-139		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.474		30-150		118	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.265		27-123		66	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.26		34-132		65	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.342		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.623		35-157		156	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8722	7.38				
1146-65-2	Naphthalene-d8	22621	10.137				
15067-26-2	Acenaphthene-d10	12531	14.03				
1517-22-2	Phenanthrene-d10	23110	16.784				
1719-03-5	Chrysene-d12	15752	21.008				
1520-96-3	Perylene-d12	24029	23.116				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT161S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-11	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
BN034486.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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	0.34		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT161S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-11	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
BN034486.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.316		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.433		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.151		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.052		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.258		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.303		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.525		35-157		131	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4268	7.38				
1146-65-2	Naphthalene-d8	11127	10.137				
15067-26-2	Acenaphthene-d10	6085	14.029				
1517-22-2	Phenanthrene-d10	11114	16.796				
1719-03-5	Chrysene-d12	7884	21.008				
1520-96-3	Perylene-d12	9842	23.118				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT119S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-12	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
BN034487.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT119S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-12	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
BN034487.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.293		20-139		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.439		30-150		110	SPK: -0.4
367-12-4	2-Fluorophenol	0.137		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.047		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.253		27-123		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.269		34-132		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.301		10-131		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.594		35-157		148	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5548	7.38				
1146-65-2	Naphthalene-d8	15746	10.137				
15067-26-2	Acenaphthene-d10	8556	14.03				
1517-22-2	Phenanthrene-d10	13947	16.796				
1719-03-5	Chrysene-d12	8936	21.008				
1520-96-3	Perylene-d12	12144	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT101D2-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-13	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034488.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	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	4.8		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT101D2-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-13	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
BN034488.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.325		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.465		30-150		116	SPK: -0.4
367-12-4	2-Fluorophenol	0.156		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.266		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.37		34-132		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.363		10-131		91	SPK: -0.4
1718-51-0	Terphenyl-d14	0.62		35-157		155	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4127	7.38				
1146-65-2	Naphthalene-d8	10962	10.137				
15067-26-2	Acenaphthene-d10	6631	14.03				
1517-22-2	Phenanthrene-d10	12298	16.784				
1719-03-5	Chrysene-d12	9089	21.008				
1520-96-3	Perylene-d12	12420	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT205S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-14	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034489.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	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	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	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	0.46		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TT205S1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-14	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
BN034489.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.332		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.46		30-150		115	SPK: -0.4
367-12-4	2-Fluorophenol	0.162		10-100		41	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.269		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.373		34-132		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.349		10-131		87	SPK: -0.4
1718-51-0	Terphenyl-d14	0.746	*	35-157		187	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3867	7.38				
1146-65-2	Naphthalene-d8	11268	10.137				
15067-26-2	Acenaphthene-d10	6742	14.03				
1517-22-2	Phenanthrene-d10	12014	16.796				
1719-03-5	Chrysene-d12	7069	21.008				
1520-96-3	Perylene-d12	8204	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01S-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-15	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034490.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	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	0.48	U	0.48	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	0.15	U	0.15	0.21	0.21	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	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	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	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	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	0.45		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01S-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-15	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034490.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.35		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.425		30-150		106	SPK: -0.4
367-12-4	2-Fluorophenol	0.172		10-100		43	SPK: -0.4
13127-88-3	Phenol-d6	0.084		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.276		27-123		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.403		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.267		10-131		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.666	*	35-157		166	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4233	7.38				
1146-65-2	Naphthalene-d8	12734	10.137				
15067-26-2	Acenaphthene-d10	7205	14.03				
1517-22-2	Phenanthrene-d10	12282	16.796				
1719-03-5	Chrysene-d12	7235	21.008				
1520-96-3	Perylene-d12	8611	23.116				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-16	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034491.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	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	0.46	U	0.46	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	0.21	0.21	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	0.21	0.21	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	0.21	0.21	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	0.04	U	0.04	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	0.38		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D1-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-16	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034491.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.337		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.455		30-150		114	SPK: -0.4
367-12-4	2-Fluorophenol	0.159		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.467		34-132		117	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.353		10-131		88	SPK: -0.4
1718-51-0	Terphenyl-d14	0.656	*	35-157		164	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4544	7.38				
1146-65-2	Naphthalene-d8	12061	10.137				
15067-26-2	Acenaphthene-d10	6840	14.03				
1517-22-2	Phenanthrene-d10	12024	16.796				
1719-03-5	Chrysene-d12	8021	21.008				
1520-96-3	Perylene-d12	9925	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D2-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-17	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034492.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	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	0.46	U	0.46	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	0.21	0.21	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	0.21	0.21	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	0.21	0.21	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	0.04	U	0.04	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	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D2-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-17	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034492.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.306		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.476		30-150		119	SPK: -0.4
367-12-4	2-Fluorophenol	0.148		10-100		37	SPK: -0.4
13127-88-3	Phenol-d6	0.054		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.265		27-123		66	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.306		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.495		35-157		124	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4487	7.373				
1146-65-2	Naphthalene-d8	11504	10.137				
15067-26-2	Acenaphthene-d10	6323	14.026				
1517-22-2	Phenanthrene-d10	10885	16.791				
1719-03-5	Chrysene-d12	9274	21.015				
1520-96-3	Perylene-d12	11019	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D3-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-18	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034493.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	RW9-MW-01D3-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-18	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034493.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.321		20-139		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.487		30-150		122	SPK: -0.4
367-12-4	2-Fluorophenol	0.169		10-100		42	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.265		27-123		66	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.341		10-131		85	SPK: -0.4
1718-51-0	Terphenyl-d14	0.504		35-157		126	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4203	7.38				
1146-65-2	Naphthalene-d8	10877	10.137				
15067-26-2	Acenaphthene-d10	6279	14.026				
1517-22-2	Phenanthrene-d10	11402	16.79				
1719-03-5	Chrysene-d12	9683	21.015				
1520-96-3	Perylene-d12	11152	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DUP09-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-19	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034494.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	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	0.48	U	0.48	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	0.15	U	0.15	0.21	0.21	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	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	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	0.15	U	0.15	0.21	0.21	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	0.04	U	0.04	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	0.48		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DUP09-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-19	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	960 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
BN034494.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.329		20-139		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.437		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.165		10-100		41	SPK: -0.4
13127-88-3	Phenol-d6	0.065		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.281		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.308		10-131		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.516		35-157		129	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4855	7.38				
1146-65-2	Naphthalene-d8	12777	10.137				
15067-26-2	Acenaphthene-d10	7161	14.026				
1517-22-2	Phenanthrene-d10	12943	16.79				
1719-03-5	Chrysene-d12	9421	21.015				
1520-96-3	Perylene-d12	11589	23.119				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DUP10-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-20	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 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
BN034495.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	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	0.46	U	0.46	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	0.21	0.21	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	0.21	0.21	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	0.21	0.21	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	0.04	U	0.04	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	0.45		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	DUP10-20240925	SDG No.:	BN100824
Lab Sample ID:	P4226-20	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034495.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163796

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	0.43		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.182		10-100		45	SPK: -0.4
13127-88-3	Phenol-d6	0.056		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.274		27-123		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.343		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.284		10-131		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.619		35-157		155	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3627	7.38				
1146-65-2	Naphthalene-d8	10696	10.137				
15067-26-2	Acenaphthene-d10	6265	14.03				
1517-22-2	Phenanthrene-d10	12036	16.796				
1719-03-5	Chrysene-d12	7508	21.017				
1520-96-3	Perylene-d12	8276	23.121				

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	RE117D1-20240926	SDG No.:	BN100824
Lab Sample ID:	P4226-21	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034496.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163804

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	0.34		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	RE117D1-20240926	SDG No.:	BN100824
Lab Sample ID:	P4226-21	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
BN034496.D	1	9/30/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163804

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.339		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.414		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.142		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.27		27-123		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.293		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.319		10-131		80	SPK: -0.4
1718-51-0	Terphenyl-d14	0.595		35-157		149	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3499	7.38				
1146-65-2	Naphthalene-d8	10070	10.137				
15067-26-2	Acenaphthene-d10	6140	14.029				
1517-22-2	Phenanthrene-d10	11730	16.796				
1719-03-5	Chrysene-d12	7096	21.008				
1520-96-3	Perylene-d12	7634	23.121				



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	TT180D2-20240924							
P4226-01	TT180D2-20240924	Water	1,4-Dioxane	4.100		0.07	0.2	ug/L
P4226-01	TT180D2-20240924	Water	bis(2-Chloroethyl)ether	0.030	J	0.03	0.1	ug/L
			Total Svoc :			4.13		
			Total Concentration:			4.13		
Client ID :	TT172S1-20240924							
P4226-02	TT172S1-20240924	Water	1,4-Dioxane	1.500		0.07	0.2	ug/L
			Total Svoc :			1.50		
			Total Concentration:			1.50		
Client ID :	TT149I1-20240924							
P4226-05	TT149I1-20240924	Water	1,4-Dioxane	0.610		0.07	0.2	ug/L
			Total Svoc :			0.61		
			Total Concentration:			0.61		
Client ID :	TT149S1-20240924							
P4226-06	TT149S1-20240924	Water	1,4-Dioxane	0.210		0.07	0.21	ug/L
			Total Svoc :			0.21		
			Total Concentration:			0.21		
Client ID :	RW11-MW01S-20240924							
P4226-07	RW11-MW01S-20240924	Water	1,4-Dioxane	0.120	J	0.07	0.2	ug/L
			Total Svoc :			0.12		
			Total Concentration:			0.12		
Client ID :	DUP07-20240924							
P4226-09	DUP07-20240924	Water	1,4-Dioxane	4.500		0.07	0.21	ug/L
P4226-09	DUP07-20240924	Water	bis(2-Chloroethyl)ether	0.040	J	0.03	0.1	ug/L
			Total Svoc :			4.54		
			Total Concentration:			4.54		
Client ID :	DUP08-20240924							
P4226-10	DUP08-20240924	Water	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID :	TT161S1-20240925							
P4226-11	TT161S1-20240925	Water	1,4-Dioxane	0.340		0.07	0.2	ug/L
			Total Svoc :			0.34		
			Total Concentration:			0.34		
Client ID :	TT101D2-20240925							

Hit Summary Sheet SW-846

SDG No.: BN100824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4226-13	TT101D2-20240925	Water	1,4-Dioxane	4.800		0.07	0.2	ug/L
Total Svoc :						4.80		
Total Concentration:						4.80		
Client ID : TT205S1-20240925								
P4226-14	TT205S1-20240925	Water	1,4-Dioxane	0.460		0.07	0.2	ug/L
P4226-14	TT205S1-20240925	Water	Anthracene	0.020	J	0.02	0.1	ug/L
P4226-14	TT205S1-20240925	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P4226-14	TT205S1-20240925	Water	Benzo(k)fluoranthene	0.030	J	0.03	0.1	ug/L
P4226-14	TT205S1-20240925	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P4226-14	TT205S1-20240925	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
P4226-14	TT205S1-20240925	Water	Pyrene	0.030	J	0.02	0.1	ug/L
Total Svoc :						0.63		
Total Concentration:						0.63		
Client ID : RW9-MW-01S-20240925								
P4226-15	RW9-MW-01S-20240925	Water	1,4-Dioxane	0.450		0.07	0.21	ug/L
P4226-15	RW9-MW-01S-20240925	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P4226-15	RW9-MW-01S-20240925	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4226-15	RW9-MW-01S-20240925	Water	Pyrene	0.030	J	0.02	0.1	ug/L
Total Svoc :						0.53		
Total Concentration:						0.53		
Client ID : RW9-MW-01D1-20240925								
P4226-16	RW9-MW-01D1-20240925	Water	1,4-Dioxane	0.380		0.07	0.21	ug/L
Total Svoc :						0.38		
Total Concentration:						0.38		
Client ID : DUP09-20240925								
P4226-19	DUP09-20240925	Water	1,4-Dioxane	0.480		0.07	0.21	ug/L
Total Svoc :						0.48		
Total Concentration:						0.48		
Client ID : DUP10-20240925								
P4226-20	DUP10-20240925	Water	1,4-Dioxane	0.450		0.07	0.21	ug/L
Total Svoc :						0.45		
Total Concentration:						0.45		
Client ID : RE117D1-20240926								
P4226-21	RE117D1-20240926	Water	1,4-Dioxane	0.340		0.07	0.2	ug/L
Total Svoc :						0.34		
Total Concentration:						0.34		
Client ID : TOWER-2								
P4260-02	TOWER-2	Water	1,4-Dioxane	0.130	J	0.07	0.2	ug/L



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN100824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4260-02	TOWER-2	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
P4260-02	TOWER-2	Water	Pentachlorophenol	0.170	J	0.09	0.2	ug/L
Total Svoc :						0.33		
Total Concentration:						0.33		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: _____ Calibration Date(s): 9/18/2024 : _____

Calibration Time(s): 11:53 _____

LAB FILE ID:		RRF0.1 = BN034033.D		RRF0.2 = BN034034.D		RRF0.4 = BN034035.D		
		RRF0.8 = BN034036.D		RRF1.6 = BN034037.D		RRF3.2 = BN034038.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.568	0.554	0.560	0.631	0.627	0.585	0.591	5.4
Fluoranthene-d10	0.965	0.947	0.953	1.059	1.054	1.013	1.009	5.3
n-Nitrosodimethylamine	0.531	0.571	0.550	0.613	0.606	0.560	0.569	5.3
2-Fluorophenol	1.201	1.157	1.069	1.203	1.148	1.080	1.135	5.0
Phenol-d6	1.239	1.215	1.189	1.406	1.401	1.371	1.320	7.7
bis(2-Chloroethyl)ether	1.156	1.095	1.106	1.276	1.223	1.159	1.168	5.4
Nitrobenzene-d5	0.270	0.269	0.280	0.331	0.336	0.321	0.306	10.3
Naphthalene	1.092	1.062	1.056	1.171	1.149	1.068	1.098	4.1
Hexachlorobutadiene	0.216	0.208	0.204	0.219	0.213	0.192	0.207	4.9
2-Methylnaphthalene	0.680	0.671	0.678	0.763	0.759	0.713	0.714	5.5
2-Fluorobiphenyl	1.629	1.576	1.574	1.722	1.693	1.597	1.627	3.6
Acenaphthylene	1.530	1.512	1.537	1.804	1.846	1.838	1.712	10.4
Acenaphthene	1.206	1.182	1.175	1.298	1.272	1.224	1.228	3.7
Fluorene	1.582	1.538	1.528	1.704	1.690	1.618	1.612	4.2
4,6-Dinitro-2-methylphenol		0.042	0.046	0.061	0.065	0.072	0.057	21.9
2,4,6-Tribromophenol	0.162	0.156	0.155	0.187	0.192	0.197	0.181	13.5
4-Bromophenyl-phenylether	0.218	0.210	0.213	0.236	0.236	0.225	0.225	5.0
Hexachlorobenzene	0.250	0.246	0.248	0.259	0.263	0.246	0.252	2.6
Atrazine	0.175	0.170	0.170	0.198	0.197	0.192	0.186	7.5
Pentachlorophenol	0.078	0.065	0.070	0.088	0.095	0.105	0.083	18.3
Phenanthrene	1.153	1.090	1.107	1.196	1.191	1.129	1.149	3.6
Anthracene	0.817	0.826	0.843	0.985	1.008	1.011	0.937	11.2
Fluoranthene	1.249	1.226	1.258	1.405	1.414	1.359	1.331	6.3
Pyrene	1.720	1.641	1.691	1.763	1.713	1.620	1.688	2.9
Terphenyl-d14	0.810	0.767	0.794	0.842	0.821	0.767	0.799	3.5
Benzo (a) anthracene	1.227	1.187	1.178	1.343	1.303	1.272	1.265	5.6
Chrysene	1.487	1.410	1.529	1.610	1.559	1.464	1.510	4.3
Bis(2-ethylhexyl)phthalate		0.628	0.550	0.498	0.457	0.485	0.527	11.6
Benzo (b) fluoranthene	1.427	1.415	1.453	1.625	1.695	1.657	1.567	8.3
Benzo (k) fluoranthene	1.514	1.538	1.626	1.746	1.760	1.628	1.645	5.9
Benzo (a) pyrene	1.167	1.122	1.197	1.335	1.369	1.340	1.277	8.8
Indeno (1,2,3-cd) pyrene	1.594	1.543	1.765	1.863	1.772	1.717	1.714	6.4
Dibenzo (a,h) anthracene	1.212	1.185	1.352	1.458	1.390	1.355	1.331	7.4
Benzo (g,h,i) perylene	1.446	1.408	1.505	1.608	1.534	1.477	1.495	4.3
1,4-Dioxane	0.558	0.536	0.503	0.503	0.488	0.468	0.500	7.7

All other compounds must meet a minimum RRF of 0.010.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 13:08

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	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
01	PB163839BL	5371	7.38	14280	10.14	7333	14.04
02	TOWER-2	5617	7.38	15622	10.13	9172	14.03
03	TT180D2-20240924	5295	7.38	14843	10.14	8348	14.03
04	TT172S1-20240924	5419	7.38	14581	10.14	8377	14.03
05	TT172S1-20240924MS	5294	7.38	14512	10.14	7851	14.03
06	TT172S1-20240924MSD	5087	7.38	14006	10.14	7679	14.03
07	TT149I1-20240924	4716	7.38	12142	10.14	6650	14.03
08	TT149S1-20240924	5649	7.38	15544	10.14	8475	14.03
09	RW11-MW01S-20240924	4988	7.38	13270	10.14	7274	14.03
10	RW11-MW01I-20240924	5698	7.38	16454	10.14	9269	14.03
11	PB163796BS	4797	7.38	13583	10.14	7310	14.03
12	PB163839BS	4559	7.38	12578	10.14	6669	14.03
13	PB163796BL	3744	7.38	10410	10.15	6180	14.04
14	DUP07-20240924	4467	7.38	12487	10.14	7076	14.03
15	DUP08-20240924	8722	7.38	22621	10.14	12531	14.03
16	TT161S1-20240925	4268	7.38	11127	10.14	6085	14.03
17	TT119S1-20240925	5548	7.38	15746	10.14	8556	14.03
18	TT101D2-20240925	4127	7.38	10962	10.14	6631	14.03
19	TT205S1-20240925	3867	7.38	11268	10.14	6742	14.03
20	RW9-MW-01S-20240925	4233	7.38	12734	10.14	7205	14.03
21	RW9-MW-01D1-20240925	4544	7.38	12061	10.14	6840	14.03
22	RW9-MW-01D2-20240925	4487	7.37	11504	10.14	6323	14.03
23	RW9-MW-01D3-20240925	4203	7.38	10877	10.14	6279	14.03

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 07:21

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	6856	7.437	19411	10.20	11055	14.08
UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
EPA SAMPLE NO.						
24 DUP09-20240925	4855	7.38	12777	10.14	7161	14.03
25 DUP10-20240925	3627	7.38	10696	10.14	6265	14.03
26 RE117D1-20240926	3499	7.38	10070	10.14	6140	14.03

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.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034467.D Time Analyzed: 13:08

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	5819	7.38	15914	10.14	8366	14.03
UPPER LIMIT	11638	7.88	31828	10.637	16732	14.526
LOWER LIMIT	2909.5	6.88	7957	9.637	4183	13.526
EPA SAMPLE NO.						
01 PB163839BL	5371	7.38	14280	10.14	7333	14.04
02 TOWER-2	5617	7.38	15622	10.13	9172	14.03
03 TT180D2-20240924	5295	7.38	14843	10.14	8348	14.03
04 TT172S1-20240924	5419	7.38	14581	10.14	8377	14.03
05 TT172S1-20240924MS	5294	7.38	14512	10.14	7851	14.03
06 TT172S1-20240924MSD	5087	7.38	14006	10.14	7679	14.03
07 TT149I1-20240924	4716	7.38	12142	10.14	6650	14.03
08 TT149S1-20240924	5649	7.38	15544	10.14	8475	14.03
09 RW11-MW01S-20240924	4988	7.38	13270	10.14	7274	14.03
10 RW11-MW01I-20240924	5698	7.38	16454	10.14	9269	14.03
11 PB163796BS	4797	7.38	13583	10.14	7310	14.03
12 PB163839BS	4559	7.38	12578	10.14	6669	14.03

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.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BN034482.D Time Analyzed: 00:44

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	4715	7.38	13137	10.14	7275	14.03
UPPER LIMIT	9430	7.88	26274	10.637	14550	14.526
LOWER LIMIT	2357.5	6.88	6568.5	9.637	3637.5	13.526
EPA SAMPLE NO.						
01 PB163796BL	3744	7.38	10410	10.15	6180	14.04
02 DUP07-20240924	4467	7.38	12487	10.14	7076	14.03
03 DUP08-20240924	8722	7.38	22621	10.14	12531	14.03
04 TT161S1-20240925	4268	7.38	11127	10.14	6085	14.03
05 TT119S1-20240925	5548	7.38	15746	10.14	8556	14.03
06 TT101D2-20240925	4127	7.38	10962	10.14	6631	14.03
07 TT205S1-20240925	3867	7.38	11268	10.14	6742	14.03
08 RW9-MW-01S-20240925	4233	7.38	12734	10.14	7205	14.03
09 RW9-MW-01D1-20240925	4544	7.38	12061	10.14	6840	14.03
10 RW9-MW-01D2-20240925	4487	7.37	11504	10.14	6323	14.03
11 RW9-MW-01D3-20240925	4203	7.38	10877	10.14	6279	14.03
12 DUP09-20240925	4855	7.38	12777	10.14	7161	14.03
13 DUP10-20240925	3627	7.38	10696	10.14	6265	14.03
14 RE117D1-20240926	3499	7.38	10070	10.14	6140	14.03

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.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 13:08

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	24256	16.842	18497	21.059	19466	23.186
	UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
	LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
	EPA SAMPLE NO.						
01	PB163839BL	12040 *	16.81	10785	21.02	11785	23.13
02	TOWER-2	15918	16.79	14374	21.02	13789	23.12
03	TT180D2-20240924	14510	16.79	11622	21.02	12734	23.13
04	TT172S1-20240924	15109	16.79	14343	21.02	15964	23.13
05	TT172S1-20240924MS	14865	16.78	13132	21.02	15491	23.12
06	TT172S1-20240924MSD	14426	16.78	12630	21.02	15104	23.13
07	TT149I1-20240924	12270	16.80	10732	21.02	11777	23.13
08	TT149S1-20240924	13867	16.80	11007	21.02	12641	23.13
09	RW11-MW01S-20240924	12869	16.80	11317	21.02	12881	23.13
10	RW11-MW01I-20240924	15260	16.79	11081	21.02	12648	23.13
11	PB163796BS	13458	16.80	9539	21.02	10447	23.13
12	PB163839BS	11371 *	16.79	8541 *	21.02	9461 *	23.13
13	PB163796BL	11191 *	16.80	7704 *	21.02	8020 *	23.12
14	DUP07-20240924	12271	16.79	8090 *	21.01	9497 *	23.12
15	DUP08-20240924	23110	16.78	15752	21.01	24029	23.12
16	TT161S1-20240925	11114 *	16.80	7884 *	21.01	9842	23.12
17	TT119S1-20240925	13947	16.80	8936 *	21.01	12144	23.12
18	TT101D2-20240925	12298	16.78	9089 *	21.01	12420	23.12
19	TT205S1-20240925	12014 *	16.80	7069 *	21.01	8204 *	23.12
20	RW9-MW-01S-20240925	12282	16.80	7235 *	21.01	8611 *	23.12
21	RW9-MW-01D1-20240925	12024 *	16.80	8021 *	21.01	9925	23.12

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 06:09

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	24256	16.842	18497	21.059	19466	23.186
UPPER LIMIT	48512	17.342	36994	21.559	38932	23.686
LOWER LIMIT	12128	16.342	9248.5	20.559	9733	22.686
EPA SAMPLE NO.						
22 RW9-MW-01D2-20240925	10885 *	16.79	9274	21.02	11019	23.12
23 RW9-MW-01D3-20240925	11402 *	16.79	9683	21.02	11152	23.12
24 DUP09-20240925	12943	16.79	9421	21.02	11589	23.12
25 DUP10-20240925	12036 *	16.80	7508 *	21.02	8276 *	23.12
26 RE117D1-20240926	11730 *	16.80	7096 *	21.01	7634 *	23.12

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.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BN034467.D Time Analyzed: 13:08

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	15689	16.79	13506	21.015	14806	23.125
UPPER LIMIT	31378	17.29	27012	21.515	29612	23.625
LOWER LIMIT	7844.5	16.29	6753	20.515	7403	22.625
EPA SAMPLE NO.						
01 PB163839BL	12040	16.81	10785	21.02	11785	23.13
02 TOWER-2	15918	16.79	14374	21.02	13789	23.12
03 TT180D2-20240924	14510	16.79	11622	21.02	12734	23.13
04 TT172S1-20240924	15109	16.79	14343	21.02	15964	23.13
05 TT172S1-20240924MS	14865	16.78	13132	21.02	15491	23.12
06 TT172S1-20240924MSD	14426	16.78	12630	21.02	15104	23.13
07 TT149I1-20240924	12270	16.80	10732	21.02	11777	23.13
08 TT149S1-20240924	13867	16.80	11007	21.02	12641	23.13
09 RW11-MW01S-20240924	12869	16.80	11317	21.02	12881	23.13
10 RW11-MW01I-20240924	15260	16.79	11081	21.02	12648	23.13
11 PB163796BS	13458	16.80	9539	21.02	10447	23.13
12 PB163839BS	11371	16.79	8541	21.02	9461	23.13

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.: BN100824 SAS No.: BN100824 SDG NO.: BN100824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BN034482.D Time Analyzed: 00:44

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	13713	16.79	9182	21.015	10277	23.119
UPPER LIMIT	27426	17.29	18364	21.515	20554	23.619
LOWER LIMIT	6856.5	16.29	4591	20.515	5138.5	22.619
EPA SAMPLE NO.						
01 PB163796BL	11191	16.80	7704	21.02	8020	23.12
02 DUP07-20240924	12271	16.79	8090	21.01	9497	23.12
03 DUP08-20240924	23110	16.78	15752	21.01	24029 *	23.12
04 TT161S1-20240925	11114	16.80	7884	21.01	9842	23.12
05 TT119S1-20240925	13947	16.80	8936	21.01	12144	23.12
06 TT101D2-20240925	12298	16.78	9089	21.01	12420	23.12
07 TT205S1-20240925	12014	16.80	7069	21.01	8204	23.12
08 RW9-MW-01S-20240925	12282	16.80	7235	21.01	8611	23.12
09 RW9-MW-01D1-20240925	12024	16.80	8021	21.01	9925	23.12
10 RW9-MW-01D2-20240925	10885	16.79	9274	21.02	11019	23.12
11 RW9-MW-01D3-20240925	11402	16.79	9683	21.02	11152	23.12
12 DUP09-20240925	12943	16.79	9421	21.02	11589	23.12
13 DUP10-20240925	12036	16.80	7508	21.02	8276	23.12
14 RE117D1-20240926	11730	16.80	7096	21.01	7634	23.12

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.: BN100824

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163796BS	n-Nitrosodimethylamine	0.4	0.28	ug/L	70				33	130	
	bis(2-Chloroethyl)ether	0.4	0.31	ug/L	78				55	118	
	Naphthalene	0.4	0.37	ug/L	93				67	120	
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				50	122	
	Acenaphthylene	0.4	0.37	ug/L	93				60	119	
	Acenaphthene	0.4	0.37	ug/L	93				65	119	
	Total PAH	6.4	5.8	ug/L	91				65	119	
	Fluorene	0.4	0.33	ug/L	83				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.17	ug/L	43				20	150	
	4-Bromophenyl-phenylether	0.4	0.38	ug/L	95				20	150	
	Hexachlorobenzene	0.4	0.48	ug/L	120				62	127	
	Atrazine	0.4	0.35	ug/L	88				20	150	
	Pentachlorophenol	0.8	0.63	ug/L	79				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.38	ug/L	95				57	118	
	Fluoranthene	0.4	0.36	ug/L	90				53	126	
	Pyrene	0.4	0.41	ug/L	103				54	124	
	Benzo(a)anthracene	0.4	0.13	ug/L	33		*		54	130	
	Chrysene	0.4	0.4	ug/L	100				64	126	
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0		*		40	137	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				65	121	
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98				72	119	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				70	127	
	Dibenz(a,h)anthracene	0.4	0.38	ug/L	95				65	121	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				76	117	
	1,4-Dioxane	0.4	0.27	ug/L	68				42	127	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN100824

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163839BS	n-Nitrosodimethylamine	0.4	0.29	ug/L	73				33	130	
	bis(2-Chloroethyl)ether	0.4	0.3	ug/L	75				55	118	
	Naphthalene	0.4	0.36	ug/L	90				67	120	
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				50	122	
	Acenaphthylene	0.4	0.35	ug/L	88				60	119	
	Acenaphthene	0.4	0.35	ug/L	88				65	119	
	Total PAH	6.4	5.57	ug/L	87				65	119	
	Fluorene	0.4	0.3	ug/L	75				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.17	ug/L	43				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.47	ug/L	117				62	127	
	Atrazine	0.4	0.33	ug/L	83				20	150	
	Pentachlorophenol	0.8	0.74	ug/L	93				10	137	
	Phenanthrene	0.4	0.35	ug/L	88				65	117	
	Anthracene	0.4	0.36	ug/L	90				57	118	
	Fluoranthene	0.4	0.33	ug/L	83				53	126	
	Pyrene	0.4	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.15	ug/L	38		*		54	130	
	Chrysene	0.4	0.38	ug/L	95				64	126	
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0		*		40	137	
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				65	121	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				72	119	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				70	127	
	Dibenz(a,h)anthracene	0.4	0.38	ug/L	95				65	121	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				76	117	
	1,4-Dioxane	0.4	0.29	ug/L	73				42	127	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163796BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100824

SAS No.: BN100824 SDG NO.: BN100824

Lab File ID: BN034483.D

Lab Sample ID: PB163796BL

Instrument ID: BNA_N

Date Extracted: 09/30/2024

Matrix: (soil/water) Water

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 00:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DUP07-20240924	P4226-09	BN034484.D	10/09/2024
DUP08-20240924	P4226-10	BN034485.D	10/09/2024
TT161S1-20240925	P4226-11	BN034486.D	10/09/2024
TT119S1-20240925	P4226-12	BN034487.D	10/09/2024
TT101D2-20240925	P4226-13	BN034488.D	10/09/2024
TT205S1-20240925	P4226-14	BN034489.D	10/09/2024
RW9-MW-01S-20240925	P4226-15	BN034490.D	10/09/2024
RW9-MW-01D1-20240925	P4226-16	BN034491.D	10/09/2024
RW9-MW-01D2-20240925	P4226-17	BN034492.D	10/09/2024
RW9-MW-01D3-20240925	P4226-18	BN034493.D	10/09/2024
DUP09-20240925	P4226-19	BN034494.D	10/09/2024
DUP10-20240925	P4226-20	BN034495.D	10/09/2024
TT180D2-20240924	P4226-01	BN034470.D	10/08/2024
TT172S1-20240924	P4226-02	BN034471.D	10/08/2024
TT172S1-20240924MS	P4226-03MS	BN034472.D	10/08/2024
TT172S1-20240924MSD	P4226-04MSD	BN034473.D	10/08/2024
TT149I1-20240924	P4226-05	BN034474.D	10/08/2024
TT149S1-20240924	P4226-06	BN034475.D	10/08/2024
RW11-MW01S-20240924	P4226-07	BN034476.D	10/08/2024
RW11-MW01I-20240924	P4226-08	BN034477.D	10/08/2024
PB163796BS	PB163796BS	BN034478.D	10/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RE117D1-20240926

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100824

SAS No.: BN100824 SDG NO.: BN100824

Lab File ID: BN034496.D

Lab Sample ID: P4226-21

Instrument ID: BNA_N

Date Extracted: 09/30/2024

Matrix: (soil/water) Water

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 08:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RE117D1-20240926	P4226-21	BN034496.D	10/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163839BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN100824

SAS No.: BN100824 SDG NO.: BN100824

Lab File ID: BN034468.D

Lab Sample ID: PB163839BL

Instrument ID: BNA_N

Date Extracted: 10/02/2024

Matrix: (soil/water) Water

Date Analyzed: 10/08/2024

Level: (low/med) LOW

Time Analyzed: 13:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TOWER-2	P4260-02	BN034469.D	10/08/2024
PB163839BS	PB163839BS	BN034479.D	10/08/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100824

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4226-03MS		Client Sample ID: TT172S1-20240924MS		DataFile: BN034472.D							
n-Nitrosodimethylamine	0.4		0.13	ug/L	33				10	158	
bis(2-Chloroethyl)ether	0.4		0.36	ug/L	90				27	159	
Naphthalene	0.4		0.37	ug/L	93				62	119	
Hexachlorobutadiene	0.4		0.38	ug/L	95				14	140	
2-Methylnaphthalene	0.4		0.37	ug/L	93				70	118	
Acenaphthylene	0.4		0.39	ug/L	98				53	123	
Acenaphthene	0.4		0.38	ug/L	95				57	122	
Total PAH	6.4		6.35	ug/L	99				57	122	
Fluorene	0.4		0.36	ug/L	90				58	123	
4,6-Dinitro-2-methylphenol	0.4		0.17	ug/L	43				20	150	
4-Bromophenyl-phenylether	0.4		0.42	ug/L	105				20	150	
Hexachlorobenzene	0.4		0.5	ug/L	125				31	160	
Atrazine	0.4		0.42	ug/L	105				20	150	
Pentachlorophenol	0.8		1.2	ug/L	150				10	179	
Phenanthrene	0.4		0.42	ug/L	105				64	129	
Anthracene	0.4		0.44	ug/L	110				67	127	
Fluoranthene	0.4		0.45	ug/L	113				55	140	
Pyrene	0.4		0.44	ug/L	110				59	137	
Benzo(a)anthracene	0.4		0.12	ug/L	30	*			51	146	
Chrysene	0.4		0.46	ug/L	115				61	126	
bis(2-Ethylhexyl)phthalate	0.4		0	ug/L	0	*			35	175	
Benzo(b)fluoranthene	0.4		0.4	ug/L	100				60	123	
Benzo(k)fluoranthene	0.4		0.42	ug/L	105				61	122	
Benzo(a)pyrene	0.4		0.45	ug/L	113				54	129	
Indeno(1,2,3-cd)pyrene	0.4		0.43	ug/L	108				50	134	
Dibenz(a,h)anthracene	0.4		0.42	ug/L	105				53	121	
Benzo(g,h,i)perylene	0.4		0.4	ug/L	100				44	132	
1,4-Dioxane	0.4	1.5	1.6	ug/L	25				10	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN100824

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4226-04MSD		Client Sample ID: TT172S1-20240924MSD		DataFile: BN034473.D							
n-Nitrosodimethylamine	0.4		0.11	ug/L	28		16		10	158	20
bis(2-Chloroethyl)ether	0.4		0.33	ug/L	83		8		27	159	20
Naphthalene	0.4		0.35	ug/L	88		6		62	119	20
Hexachlorobutadiene	0.4		0.36	ug/L	90		5		14	140	20
2-Methylnaphthalene	0.4		0.35	ug/L	88		6		70	118	20
Acenaphthylene	0.4		0.37	ug/L	93		5		53	123	20
Acenaphthene	0.4		0.36	ug/L	90		5		57	122	20
Total PAH	6.4		5.97	ug/L	93		6		57	122	20
Fluorene	0.4		0.33	ug/L	83		8		58	123	20
4,6-Dinitro-2-methylphenol	0.4		0.17	ug/L	43		0		20	150	20
4-Bromophenyl-phenylether	0.4		0.4	ug/L	100		5		20	150	20
Hexachlorobenzene	0.4		0.47	ug/L	117		7		31	160	20
Atrazine	0.4		0.4	ug/L	100		5		20	150	20
Pentachlorophenol	0.8		1.1	ug/L	138		8		10	179	20
Phenanthrene	0.4		0.4	ug/L	100		5		64	129	20
Anthracene	0.4		0.41	ug/L	103		7		67	127	20
Fluoranthene	0.4		0.43	ug/L	108		5		55	140	20
Pyrene	0.4		0.41	ug/L	103		7		59	137	20
Benzo(a)anthracene	0.4		0.11	ug/L	28	*	7		51	146	20
Chrysene	0.4		0.44	ug/L	110		4		61	126	20
bis(2-Ethylhexyl)phthalate	0.4		0	ug/L	0	*			35	175	20
Benzo(b)fluoranthene	0.4		0.37	ug/L	93		7		60	123	20
Benzo(k)fluoranthene	0.4		0.38	ug/L	95		10		61	122	20
Benzo(a)pyrene	0.4		0.43	ug/L	108		5		54	129	20
Indeno(1,2,3-cd)pyrene	0.4		0.4	ug/L	100		8		50	134	20
Dibenz(a,h)anthracene	0.4		0.4	ug/L	100		5		53	121	20
Benzo(g,h,i)perylene	0.4		0.38	ug/L	95		5		44	132	20
1,4-Dioxane	0.4	1.5	1.5	ug/L	0	*	200	*	10	175	20

Surrogate Summary

SW-846

SDG No.: **BN100824**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4226-01	TT180D2-20240924BN034470.D		2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.33	81		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
P4226-02	TT172S1-20240924BN034471.D		2-Methylnaphthalene-d10	0.4	0.37	93		20	139
			Fluoranthene-d10	0.4	0.49	122		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.31	78		34	132
			2,4,6-Tribromophenol	0.4	0.33	83		10	131
			Terphenyl-d14	0.4	0.44	111		35	157
P4226-03MS	TT172S1-20240924BN034472.D		2-Methylnaphthalene-d10	0.4	0.40	99		20	139
			Fluoranthene-d10	0.4	0.46	115		30	150
			2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.41	103		10	131
			Terphenyl-d14	0.4	0.47	116		35	157
P4226-04MSD	TT172S1-20240924BN034473.D		2-Methylnaphthalene-d10	0.4	0.37	92		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.15	36		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.30	74		34	132
			2,4,6-Tribromophenol	0.4	0.39	96		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P4226-05	TT149I1-20240924 BN034474.D		2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.45	111		30	150
			2-Fluorophenol	0.4	0.15	37		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.31	76		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
P4226-06	TT149S1-20240924BN034475.D		2-Methylnaphthalene-d10	0.4	0.28	70		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.13	34		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.25	63		27	123
			2-Fluorobiphenyl	0.4	0.26	65		34	132
			2,4,6-Tribromophenol	0.4	0.32	79		10	131
			Terphenyl-d14	0.4	0.44	111		35	157
P4226-07	RW11-MW01S-202BN034476.D		2-Methylnaphthalene-d10	0.4	0.33	83		20	139

Surrogate Summary

SW-846

SDG No.: **BN100824**

Client:

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4226-07	RW11-MW01S-202BN034476.D		Fluoranthene-d10	0.4	0.47	117		30	150
			2-Fluorophenol	0.4	0.18	45		10	100
			Phenol-d6	0.4	0.07	19		10	100
			Nitrobenzene-d5	0.4	0.30	76		27	123
			2-Fluorobiphenyl	0.4	0.31	79		34	132
			2,4,6-Tribromophenol	0.4	0.37	94		10	131
			Terphenyl-d14	0.4	0.46	115		35	157
P4226-08	RW11-MW01I-202-BN034477.D		2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.25	63		27	123
			2-Fluorobiphenyl	0.4	0.27	68		34	132
			2,4,6-Tribromophenol	0.4	0.32	80		10	131
P4226-09	DUP07-20240924 BN034484.D		Terphenyl-d14	0.4	0.48	120		35	157
			2-Methylnaphthalene-d10	0.4	0.25	63		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.21	53		27	123
			2-Fluorobiphenyl	0.4	0.24	60		34	132
P4226-10	DUP08-20240924 BN034485.D		2,4,6-Tribromophenol	0.4	0.27	67		10	131
			Terphenyl-d14	0.4	0.49	123		35	157
			2-Methylnaphthalene-d10	0.4	0.29	73		20	139
			Fluoranthene-d10	0.4	0.47	118		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	66		27	123
P4226-11	TT161S1-20240925BN034486.D		2-Fluorobiphenyl	0.4	0.26	65		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.62	156		35	157
			2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.05	13		10	100
P4226-12	TT119S1-20240925BN034487.D		Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.30	76		10	131
			Terphenyl-d14	0.4	0.53	131		35	157
			2-Methylnaphthalene-d10	0.4	0.29	73		20	139
			Fluoranthene-d10	0.4	0.44	110		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
P4226-13	TT101D2-20240925BN034488.D		Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.25	63		27	123
			2-Fluorobiphenyl	0.4	0.27	67		34	132
			2,4,6-Tribromophenol	0.4	0.30	75		10	131
			Terphenyl-d14	0.4	0.59	148		35	157
			2-Methylnaphthalene-d10	0.4	0.33	81		20	139
			Fluoranthene-d10	0.4	0.47	116		30	150

Surrogate Summary

SW-846

SDG No.: **BN100824**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4226-13	TT101D2-20240925BN034488.D		2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.37	93		34	132
			2,4,6-Tribromophenol	0.4	0.36	91		10	131
			Terphenyl-d14	0.4	0.62	155		35	157
P4226-14	TT205S1-20240925BN034489.D		2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.46	115		30	150
			2-Fluorophenol	0.4	0.16	41		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.37	93		34	132
			2,4,6-Tribromophenol	0.4	0.35	87		10	131
			Terphenyl-d14	0.4	0.75	187	*	35	157
P4226-15	RW9-MW-01S-202.BN034490.D		2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.43	106		30	150
			2-Fluorophenol	0.4	0.17	43		10	100
			Phenol-d6	0.4	0.08	21		10	100
			Nitrobenzene-d5	0.4	0.28	69		27	123
			2-Fluorobiphenyl	0.4	0.40	101		34	132
			2,4,6-Tribromophenol	0.4	0.27	67		10	131
			Terphenyl-d14	0.4	0.67	166	*	35	157
P4226-16	RW9-MW-01D1-20BN034491.D		2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.46	114		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
			2-Fluorobiphenyl	0.4	0.47	117		34	132
			2,4,6-Tribromophenol	0.4	0.35	88		10	131
			Terphenyl-d14	0.4	0.66	164	*	35	157
P4226-17	RW9-MW-01D2-20BN034492.D		2-Methylnaphthalene-d10	0.4	0.31	76		20	139
			Fluoranthene-d10	0.4	0.48	119		30	150
			2-Fluorophenol	0.4	0.15	37		10	100
			Phenol-d6	0.4	0.05	14		10	100
			Nitrobenzene-d5	0.4	0.27	66		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.31	76		10	131
			Terphenyl-d14	0.4	0.50	124		35	157
P4226-18	RW9-MW-01D3-20BN034493.D		2-Methylnaphthalene-d10	0.4	0.32	80		20	139
			Fluoranthene-d10	0.4	0.49	122		30	150
			2-Fluorophenol	0.4	0.17	42		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.27	66		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.34	85		10	131
			Terphenyl-d14	0.4	0.50	126		35	157
P4226-19	DUP09-20240925 BN034494.D		2-Methylnaphthalene-d10	0.4	0.33	82		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.17	41		10	100

Surrogate Summary

SW-846

SDG No.: **BN100824**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4226-19	DUP09-20240925	BN034494.D	Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.31	77		10	131
			Terphenyl-d14	0.4	0.52	129		35	157
P4226-20	DUP10-20240925	BN034495.D	2-Methylnaphthalene-d10	0.4	0.41	103		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.18	45		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	68		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.28	71		10	131
			Terphenyl-d14	0.4	0.62	155		35	157
			2-Methylnaphthalene-d10	0.4	0.33	82		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
PB163796BL	PB163796BL	BN034483.D	2-Fluorophenol	0.4	0.36	91		10	100
			Phenol-d6	0.4	0.27	68		10	100
			Nitrobenzene-d5	0.4	0.24	60		27	123
			2-Fluorobiphenyl	0.4	0.32	81		34	132
			2,4,6-Tribromophenol	0.4	0.24	59		10	131
			Terphenyl-d14	0.4	0.45	113		35	157
			2-Methylnaphthalene-d10	0.4	0.48	120		20	139
			Fluoranthene-d10	0.4	0.39	96		30	150
PB163796BS	PB163796BS	BN034478.D	2-Fluorophenol	0.4	0.36	90		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.34	84		10	131
			Terphenyl-d14	0.4	0.45	112		35	157

Surrogate Summary

SW-846

SDG No.: BN100824

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4226-21	RE117D1-2024092(BN034496.D		2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.14	36		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.27	68		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.32	80		10	131
			Terphenyl-d14	0.4	0.60	149		35	157

Surrogate Summary

SW-846

SDG No.: **BN100824**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4260-02	TOWER-2	BN034469.D	2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.15	36		10	100
			Phenol-d6	0.4	0.10	26		10	100
			Nitrobenzene-d5	0.4	0.33	82		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.92	229	*	10	131
			Terphenyl-d14	0.4	0.49	122		35	157
PB163839BL	PB163839BL	BN034468.D	2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.35	88		10	100
			Phenol-d6	0.4	0.22	55		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.27	66		10	131
			Terphenyl-d14	0.4	0.34	86		35	157
PB163839BS	PB163839BS	BN034479.D	2-Methylnaphthalene-d10	0.4	0.42	104		20	139
			Fluoranthene-d10	0.4	0.36	89		30	150
			2-Fluorophenol	0.4	0.34	84		10	100
			Phenol-d6	0.4	0.28	69		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.33	82		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.39	97		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100824

Lab Code: CHEM

SAS No.: BN100824

SDG NO.: BN100824

Lab File ID: BN034466.D

DFTPP Injection Date: 10/08/2024

Instrument ID: BNA_N

DFTPP Injection Time: 11:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.3
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	6.8
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	73.7
443	15.0 - 24.0% of mass 442	16.2 (21.9) 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
SSTDCCC0.4	SSTDCCC0.4	BN034467.D	10/08/2024	12:32
PB163839BL	PB163839BL	BN034468.D	10/08/2024	13:08
TOWER-2	P4260-02	BN034469.D	10/08/2024	13:44
TT180D2-20240924	P4226-01	BN034470.D	10/08/2024	14:21
TT172S1-20240924	P4226-02	BN034471.D	10/08/2024	14:57
TT172S1-20240924MS	P4226-03MS	BN034472.D	10/08/2024	15:35
TT172S1-20240924MSD	P4226-04MSD	BN034473.D	10/08/2024	16:11
TT149I1-20240924	P4226-05	BN034474.D	10/08/2024	16:48
TT149S1-20240924	P4226-06	BN034475.D	10/08/2024	17:24
RW11-MW01S-20240924	P4226-07	BN034476.D	10/08/2024	18:00
RW11-MW01I-20240924	P4226-08	BN034477.D	10/08/2024	18:36
PB163796BS	PB163796BS	BN034478.D	10/08/2024	19:12
PB163839BS	PB163839BS	BN034479.D	10/08/2024	19:48
SSTDCCC0.4EC	SSTDCCC0.4	BN034480.D	10/08/2024	20:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN100824

Lab Code: CHEM

SAS No.: BN100824

SDG NO.: BN100824

Lab File ID: BN034481.D

DFTPP Injection Date: 10/08/2024

Instrument ID: BNA_N

DFTPP Injection Time: 21:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.7
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	7.1
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	78
443	15.0 - 24.0% of mass 442	14.7 (18.8) 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	BN034482.D	10/09/2024	00:08
PB163796BL	PB163796BL	BN034483.D	10/09/2024	00:44
DUP07-20240924	P4226-09	BN034484.D	10/09/2024	01:20
DUP08-20240924	P4226-10	BN034485.D	10/09/2024	01:56
TT161S1-20240925	P4226-11	BN034486.D	10/09/2024	02:32
TT119S1-20240925	P4226-12	BN034487.D	10/09/2024	03:08
TT101D2-20240925	P4226-13	BN034488.D	10/09/2024	03:44
TT205S1-20240925	P4226-14	BN034489.D	10/09/2024	04:20
RW9-MW-01S-20240925	P4226-15	BN034490.D	10/09/2024	04:56
RW9-MW-01D1-20240925	P4226-16	BN034491.D	10/09/2024	05:32
RW9-MW-01D2-20240925	P4226-17	BN034492.D	10/09/2024	06:09
RW9-MW-01D3-20240925	P4226-18	BN034493.D	10/09/2024	06:45
DUP09-20240925	P4226-19	BN034494.D	10/09/2024	07:21
DUP10-20240925	P4226-20	BN034495.D	10/09/2024	07:57
RE117D1-20240926	P4226-21	BN034496.D	10/09/2024	08:33
SSTDCCC0.4EC	SSTDCCC0.4	BN034497.D	10/09/2024	09:09