

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN090924 SAS No.: BN090924 SDG No.: BN090924

Instrument ID: BNA_N Calibration Date/Time: 9/9/2024 12:10:36

Lab File ID: BN033811.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	0.566	0.529		-6.537	20.0
Fluoranthene-d10	0.987	0.927		-6.079	20.0
n-Nitrosodimethylamine	0.534	0.537		0.562	20.0
2-Fluorophenol	1.225	1.079		-11.918	20.0
Phenol-d6	1.450	1.259		-13.172	20.0
bis(2-Chloroethyl) ether	1.094	1.036		-5.302	20.0
Nitrobenzene-d5	0.341	0.317		-7.038	20.0
Naphthalene	1.068	1.031		-3.464	20.0
Hexachlorobutadiene	0.222	0.223		0.45	20.0
2-Methylnaphthalene	0.655	0.613		-6.412	20.0
2-Fluorobiphenyl	1.668	1.652		-0.959	20.0
Acenaphthylene	1.729	1.587		-8.213	20.0
Acenaphthene	1.185	1.142		-3.629	20.0
Fluorene	1.462	1.406		-3.83	20.0
4,6-Dinitro-2-methylphenol	0.063	0.055		-12.698	20.0
2,4,6-Tribromophenol	0.202	0.170		-15.842	20.0
4-Bromophenyl-phenylether	0.232	0.219		-5.603	20.0
Hexachlorobenzene	0.266	0.263		-1.128	20.0
Atrazine	0.185	0.166		-10.27	20.0
Pentachlorophenol	0.109	0.106		-2.752	20.0
Phenanthrene	1.102	1.064		-3.448	20.0
Anthracene	0.958	0.886		-7.516	20.0
Fluoranthene	1.235	1.162		-5.911	20.0
Pyrene	1.612	1.582		-1.861	20.0
Terphenyl-d14	0.853	0.840		-1.524	20.0
Benzo(a)anthracene	1.428	1.353		-5.252	20.0
Chrysene	1.412	1.463		3.612	20.0
Bis(2-ethylhexyl)phthalate	0.779	0.696		-10.655	20.0
Benzo(b)fluoranthene	1.470	1.460		-0.68	20.0
Benzo(k)fluoranthene	1.433	1.470		2.582	20.0
Benzo(a)pyrene	1.229	1.184		-3.662	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.621		-1.936	20.0
Dibenzo(a,h)anthracene	1.325	1.268		-4.302	20.0
Benzo(g,h,i)perylene	1.437	1.422		-1.044	20.0
1,4-Dioxane	0.455	0.424		-6.813	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.: BN090924 SAS No.: BN090924 SDG No.: BN090924

Instrument ID: BNA_N Calibration Date/Time: 9/9/2024 12:19:38

Lab File ID: BN033824.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	0.566	0.526		-7.067	50.0
Fluoranthene-d10	0.987	0.923		-6.484	50.0
n-Nitrosodimethylamine	0.534	0.492		-7.865	50.0
2-Fluorophenol	1.225	1.009		-17.633	50.0
Phenol-d6	1.450	1.183		-18.414	50.0
bis(2-Chloroethyl)ether	1.094	1.080		-1.28	50.0
Nitrobenzene-d5	0.341	0.320		-6.158	50.0
Naphthalene	1.068	1.061		-0.655	50.0
Hexachlorobutadiene	0.222	0.219		-1.351	50.0
2-Methylnaphthalene	0.655	0.638		-2.595	50.0
2-Fluorobiphenyl	1.668	1.634		-2.038	50.0
Acenaphthylene	1.729	1.641		-5.09	50.0
Acenaphthene	1.185	1.172		-1.097	50.0
Fluorene	1.462	1.424		-2.599	50.0
4,6-Dinitro-2-methylphenol	0.063	0.042		-33.333	50.0
2,4,6-Tribromophenol	0.202	0.163		-19.307	50.0
4-Bromophenyl-phenylether	0.232	0.230		-0.862	50.0
Hexachlorobenzene	0.266	0.275		3.383	50.0
Atrazine	0.185	0.169		-8.649	50.0
Pentachlorophenol	0.109	0.090		-17.431	50.0
Phenanthrene	1.102	1.081		-1.906	50.0
Anthracene	0.958	0.921		-3.862	50.0
Fluoranthene	1.235	1.205		-2.429	50.0
Pyrene	1.612	1.592		-1.241	50.0
Terphenyl-d14	0.853	0.761		-10.785	50.0
Benzo(a)anthracene	1.428	1.397		-2.171	50.0
Chrysene	1.412	1.428		1.133	50.0
Bis(2-ethylhexyl)phthalate	0.779	0.752		-3.466	50.0
Benzo(b)fluoranthene	1.470	1.447		-1.565	50.0
Benzo(k)fluoranthene	1.433	1.453		1.396	50.0
Benzo(a)pyrene	1.229	1.215		-1.139	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.637		-0.968	50.0
Dibenzo(a,h)anthracene	1.325	1.304		-1.585	50.0
Benzo(g,h,i)perylene	1.437	1.407		-2.088	50.0
1,4-Dioxane	0.455	0.435		-4.396	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.: BN090924 SAS No.: BN090924 SDG No.: BN090924

Instrument ID: BNA_N Calibration Date/Time: 9/9/2024 12:20:54

Lab File ID: BN033826.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	0.566	0.530		-6.36	20.0
Fluoranthene-d10	0.987	0.943		-4.458	20.0
n-Nitrosodimethylamine	0.534	0.533		-0.187	20.0
2-Fluorophenol	1.225	1.097		-10.449	20.0
Phenol-d6	1.450	1.295		-10.69	20.0
bis(2-Chloroethyl) ether	1.094	1.049		-4.113	20.0
Nitrobenzene-d5	0.341	0.321		-5.865	20.0
Naphthalene	1.068	1.031		-3.464	20.0
Hexachlorobutadiene	0.222	0.222		0.0	20.0
2-Methylnaphthalene	0.655	0.616		-5.954	20.0
2-Fluorobiphenyl	1.668	1.652		-0.959	20.0
Acenaphthylene	1.729	1.623		-6.131	20.0
Acenaphthene	1.185	1.153		-2.7	20.0
Fluorene	1.462	1.403		-4.036	20.0
4,6-Dinitro-2-methylphenol	0.063	0.044		-30.159	20.0
2,4,6-Tribromophenol	0.202	0.174		-13.861	20.0
4-Bromophenyl-phenylether	0.232	0.222		-4.31	20.0
Hexachlorobenzene	0.266	0.265		-0.376	20.0
Atrazine	0.185	0.172		-7.027	20.0
Pentachlorophenol	0.109	0.098		-10.092	20.0
Phenanthrene	1.102	1.074		-2.541	20.0
Anthracene	0.958	0.901		-5.95	20.0
Fluoranthene	1.235	1.177		-4.696	20.0
Pyrene	1.612	1.586		-1.613	20.0
Terphenyl-d14	0.853	0.834		-2.227	20.0
Benzo(a)anthracene	1.428	1.364		-4.482	20.0
Chrysene	1.412	1.449		2.62	20.0
Bis(2-ethylhexyl)phthalate	0.779	0.709		-8.986	20.0
Benzo(b)fluoranthene	1.470	1.426		-2.993	20.0
Benzo(k)fluoranthene	1.433	1.404		-2.024	20.0
Benzo(a)pyrene	1.229	1.158		-5.777	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.683		1.815	20.0
Dibenzo(a,h)anthracene	1.325	1.325		0.0	20.0
Benzo(g,h,i)perylene	1.437	1.437		0.0	20.0
1,4-Dioxane	0.455	0.432		-5.055	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.: BN090924 SAS No.: BN090924 SDG No.: BN090924

Instrument ID: BNA_N Calibration Date/Time: 9/10/2024 1:02:20

Lab File ID: BN033835.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	0.566	0.516		-8.834	50.0
Fluoranthene-d10	0.987	0.916		-7.194	50.0
n-Nitrosodimethylamine	0.534	0.541		1.311	50.0
2-Fluorophenol	1.225	0.995		-18.776	50.0
Phenol-d6	1.450	1.147		-20.897	50.0
bis(2-Chloroethyl) ether	1.094	1.063		-2.834	50.0
Nitrobenzene-d5	0.341	0.321		-5.865	50.0
Naphthalene	1.068	1.061		-0.655	50.0
Hexachlorobutadiene	0.222	0.228		2.703	50.0
2-Methylnaphthalene	0.655	0.635		-3.053	50.0
2-Fluorobiphenyl	1.668	1.663		-0.3	50.0
Acenaphthylene	1.729	1.664		-3.759	50.0
Acenaphthene	1.185	1.190		0.422	50.0
Fluorene	1.462	1.463		0.068	50.0
4,6-Dinitro-2-methylphenol	0.063	0.036		-42.857	50.0
2,4,6-Tribromophenol	0.202	0.154		-23.762	50.0
4-Bromophenyl-phenylether	0.232	0.229		-1.293	50.0
Hexachlorobenzene	0.266	0.273		2.632	50.0
Atrazine	0.185	0.166		-10.27	50.0
Pentachlorophenol	0.109	0.088		-19.266	50.0
Phenanthrene	1.102	1.099		-0.272	50.0
Anthracene	0.958	0.928		-3.132	50.0
Fluoranthene	1.235	1.212		-1.862	50.0
Pyrene	1.612	1.632		1.241	50.0
Terphenyl-d14	0.853	0.752		-11.841	50.0
Benzo(a)anthracene	1.428	1.397		-2.171	50.0
Chrysene	1.412	1.471		4.178	50.0
Bis(2-ethylhexyl)phthalate	0.779	0.725		-6.932	50.0
Benzo(b)fluoranthene	1.470	1.464		-0.408	50.0
Benzo(k)fluoranthene	1.433	1.480		3.28	50.0
Benzo(a)pyrene	1.229	1.213		-1.302	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.701		2.904	50.0
Dibenzo(a,h)anthracene	1.325	1.362		2.792	50.0
Benzo(g,h,i)perylene	1.437	1.494		3.967	50.0
1,4-Dioxane	0.455	0.454		-0.22	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BL	SDG No.:	BN090924
Lab Sample ID:	PB163188BL	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
BN033812.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BL	SDG No.:	BN090924
Lab Sample ID:	PB163188BL	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
BN033812.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.304		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.319		30-150		80	SPK: -0.4
367-12-4	2-Fluorophenol	0.249		10-100		62	SPK: -0.4
13127-88-3	Phenol-d6	0.243		10-100		61	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.312		27-123		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		34-132		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.183		10-131		46	SPK: -0.4
1718-51-0	Terphenyl-d14	0.34		35-157		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5703	7.509				
1146-65-2	Naphthalene-d8	14238	10.272				
15067-26-2	Acenaphthene-d10	6484	14.146				
1517-22-2	Phenanthrene-d10	12373	16.904				
1719-03-5	Chrysene-d12	9357	21.112				
1520-96-3	Perylene-d12	9815	23.268				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BS	SDG No.:	BN090924
Lab Sample ID:	PB163188BS	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
BN033813.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.45		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.42		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.41		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.44		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.86		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.43		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.39		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	0.42		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	0.71		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.43		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	0.41		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.37		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.35		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BS	SDG No.:	BN090924
Lab Sample ID:	PB163188BS	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
BN033813.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.462		20-139		115	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.397		30-150		99	SPK: -0.4
367-12-4	2-Fluorophenol	0.32		10-100		80	SPK: -0.4
13127-88-3	Phenol-d6	0.311		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.393		27-123		98	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.418		34-132		104	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.304		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.395		35-157		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4669	7.509				
1146-65-2	Naphthalene-d8	12036	10.272				
15067-26-2	Acenaphthene-d10	5355	14.146				
1517-22-2	Phenanthrene-d10	10498	16.892				
1719-03-5	Chrysene-d12	8529	21.113				
1520-96-3	Perylene-d12	8221	23.265				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BSD	SDG No.:	BN090924
Lab Sample ID:	PB163188BSD	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
BN033814.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.36		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	0.33		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.33		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		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	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.41		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	0.28		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.33		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.33		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.31		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.35		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.33		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.35		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PB163188BSD	SDG No.:	BN090924
Lab Sample ID:	PB163188BSD	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
BN033814.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.406		20-139		101	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.313		30-150		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.262		10-100		65	SPK: -0.4
13127-88-3	Phenol-d6	0.256		10-100		64	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.327		27-123		82	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.332		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.248		10-131		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.327		35-157		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7335	7.509				
1146-65-2	Naphthalene-d8	18696	10.272				
15067-26-2	Acenaphthene-d10	8536	14.146				
1517-22-2	Phenanthrene-d10	16359	16.892				
1719-03-5	Chrysene-d12	12515	21.112				
1520-96-3	Perylene-d12	12943	23.268				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	EB01-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-03	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
BN033815.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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	0.08	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	EB01-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-03	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
BN033815.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.302		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.417		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.105		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.061		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.312		27-123		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.303		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.253		10-131		63	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	4116	7.509				
1146-65-2	Naphthalene-d8	10497	10.272				
15067-26-2	Acenaphthene-d10	5001	14.146				
1517-22-2	Phenanthrene-d10	9389	16.904				
1719-03-5	Chrysene-d12	7332	21.112				
1520-96-3	Perylene-d12	7361	23.265				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	TT189D1-HYD-20240904	SDG No.:	BN090924
Lab Sample ID:	P3874-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	910 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
BN033816.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.81		0.07	0.22	0.22	ug/L

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	TT189D1-HYD-20240904	SDG No.:	BN090924
Lab Sample ID:	P3874-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	910 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
BN033816.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.005	*	20-139		1	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.293		30-150		73	SPK: -0.4
367-12-4	2-Fluorophenol	0.051		10-100		13	SPK: -0.4
13127-88-3	Phenol-d6	0.001	*	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.314		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.325		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.244		10-131		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.427		35-157		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4233	7.509				
1146-65-2	Naphthalene-d8	10763	10.272				
15067-26-2	Acenaphthene-d10	4856	14.146				
1517-22-2	Phenanthrene-d10	9510	16.892				
1719-03-5	Chrysene-d12	7137	21.113				
1520-96-3	Perylene-d12	7211	23.265				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240904	SDG No.:	BN090924
Lab Sample ID:	P3874-03	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
BN033817.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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	0.04	J	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	0.03	J	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	0.03	J	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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	BPOW6-8-HYD-20240904	SDG No.:	BN090924
Lab Sample ID:	P3874-03	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
BN033817.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.017	*	20-139		4	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.236		30-150		59	SPK: -0.4
367-12-4	2-Fluorophenol	0.054		10-100		14	SPK: -0.4
13127-88-3	Phenol-d6	0.001	*	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.367		27-123		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.38		34-132		95	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.196		10-131		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.439		35-157		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4157	7.509				
1146-65-2	Naphthalene-d8	10525	10.272				
15067-26-2	Acenaphthene-d10	4785	14.146				
1517-22-2	Phenanthrene-d10	9332	16.892				
1719-03-5	Chrysene-d12	6984	21.112				
1520-96-3	Perylene-d12	7214	23.265				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524	SDG No.:	BN090924
Lab Sample ID:	P3886-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033818.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

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	0.15	J	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	0.22		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524	SDG No.:	BN090924
Lab Sample ID:	P3886-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033818.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.416		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.12		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0.069		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.332		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.348		34-132		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.324		10-131		81	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	4033	7.509				
1146-65-2	Naphthalene-d8	10158	10.271				
15067-26-2	Acenaphthene-d10	4614	14.146				
1517-22-2	Phenanthrene-d10	9323	16.892				
1719-03-5	Chrysene-d12	7273	21.112				
1520-96-3	Perylene-d12	7730	23.265				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524MS	SDG No.:	BN090924
Lab Sample ID:	P3886-02MS	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
BN033819.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.18	J	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.27		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		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	6.06		0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.38		0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.35		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	0.68		0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.4		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.28		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.6		0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524MS	SDG No.:	BN090924
Lab Sample ID:	P3886-02MS	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
BN033819.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

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	0.382		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.122		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.079		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.324		27-123		81	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.333		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.305		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.406		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4688	7.509				
1146-65-2	Naphthalene-d8	11716	10.261				
15067-26-2	Acenaphthene-d10	5428	14.146				
1517-22-2	Phenanthrene-d10	10806	16.892				
1719-03-5	Chrysene-d12	8570	21.113				
1520-96-3	Perylene-d12	8961	23.265				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524MSD	SDG No.:	BN090924
Lab Sample ID:	P3886-03MSD	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
BN033820.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.17	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	0.33		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.25		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		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	6		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.38		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.39		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.39		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.42		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		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	0.39		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.28		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.6		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	MW-06-6.5-090524MSD	SDG No.:	BN090924
Lab Sample ID:	P3886-03MSD	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
BN033820.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.353		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.382		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.121		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0.082		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.32		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.337		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.308		10-131		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.409		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4681	7.509				
1146-65-2	Naphthalene-d8	11929	10.261				
15067-26-2	Acenaphthene-d10	5419	14.146				
1517-22-2	Phenanthrene-d10	10861	16.892				
1719-03-5	Chrysene-d12	8580	21.112				
1520-96-3	Perylene-d12	9061	23.262				

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	OW-06B-76.5-090324DL	SDG No.:	BN090924
Lab Sample ID:	P3827-01DL	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
BN033821.D	5	9/4/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.15	U	0.15	1	1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.14	U	0.14	0.5	0.5	ug/L
91-20-3	Naphthalene	0.12	U	0.12	0.5	0.5	ug/L
87-68-3	Hexachlorobutadiene	0.13	U	0.13	0.5	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.15	U	0.15	0.5	0.5	ug/L
208-96-8	Acenaphthylene	0.11	U	0.11	0.5	0.5	ug/L
83-32-9	Acenaphthene	0.1	U	0.1	0.5	0.5	ug/L
Total PAH	Total PAH	2.3	U	2.3	0.5	8	ug/L
86-73-7	Fluorene	0.09	U	0.09	0.5	0.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.7	U	0.7	1	1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.13	U	0.13	0.5	0.5	ug/L
118-74-1	Hexachlorobenzene	0.14	U	0.14	0.5	0.5	ug/L
1912-24-9	Atrazine	0.12	U	0.12	0.5	0.5	ug/L
87-86-5	Pentachlorophenol	0.45	U	0.45	1	1	ug/L
85-01-8	Phenanthrene	0.1	U	0.1	0.5	0.5	ug/L
120-12-7	Anthracene	0.12	U	0.12	0.5	0.5	ug/L
206-44-0	Fluoranthene	0.12	U	0.12	0.5	0.5	ug/L
129-00-0	Pyrene	0.11	U	0.11	0.5	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.5	0.5	ug/L
218-01-9	Chrysene	0.13	U	0.13	0.5	0.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.7	U	0.7	1	1	ug/L
205-99-2	Benzo(b)fluoranthene	0.16	U	0.16	0.5	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.17	U	0.17	0.5	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.28	U	0.28	0.5	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.19	0.5	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.2	U	0.2	0.5	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.19	0.5	0.5	ug/L
123-91-1	1,4-Dioxane	9.7	D	0.34	1	1	ug/L

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	OW-06B-76.5-090324DL	SDG No.:	BN090924
Lab Sample ID:	P3827-01DL	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
BN033821.D	5	9/4/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.42		20-139		105	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.53		30-150		132	SPK: -0.4
367-12-4	2-Fluorophenol	0.155		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.09		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.435		27-123		109	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.455		34-132		114	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.385		10-131		96	SPK: -0.4
1718-51-0	Terphenyl-d14	0.585		35-157		146	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4369	7.509				
1146-65-2	Naphthalene-d8	10891	10.271				
15067-26-2	Acenaphthene-d10	4935	14.146				
1517-22-2	Phenanthrene-d10	9368	16.904				
1719-03-5	Chrysene-d12	7267	21.112				
1520-96-3	Perylene-d12	7401	23.262				

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	BR-03D-489.5-090324DL	SDG No.:	BN090924
Lab Sample ID:	P3827-02DL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	900 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
BN033822.D	5	9/4/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.17	U	0.17	1.1	1.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.16	U	0.16	0.56	0.56	ug/L
91-20-3	Naphthalene	0.16	JD	0.13	0.56	0.56	ug/L
87-68-3	Hexachlorobutadiene	0.14	U	0.14	0.56	0.56	ug/L
91-57-6	2-Methylnaphthalene	0.17	U	0.17	0.56	0.56	ug/L
208-96-8	Acenaphthylene	0.12	U	0.12	0.56	0.56	ug/L
83-32-9	Acenaphthene	0.11	U	0.11	0.56	0.56	ug/L
Total PAH	Total PAH	2.53	U	2.53	0.56	8.96	ug/L
86-73-7	Fluorene	0.1	U	0.1	0.56	0.56	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.78	U	0.78	1.1	1.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.14	U	0.14	0.56	0.56	ug/L
118-74-1	Hexachlorobenzene	0.16	U	0.16	0.56	0.56	ug/L
1912-24-9	Atrazine	0.13	U	0.13	0.56	0.56	ug/L
87-86-5	Pentachlorophenol	0.5	U	0.5	1.1	1.1	ug/L
85-01-8	Phenanthrene	0.11	U	0.11	0.56	0.56	ug/L
120-12-7	Anthracene	0.13	U	0.13	0.56	0.56	ug/L
206-44-0	Fluoranthene	0.13	U	0.13	0.56	0.56	ug/L
129-00-0	Pyrene	0.12	U	0.12	0.56	0.56	ug/L
56-55-3	Benzo(a)anthracene	0.12	U	0.12	0.56	0.56	ug/L
218-01-9	Chrysene	0.14	U	0.14	0.56	0.56	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.78	U	0.78	1.1	1.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.18	U	0.18	0.56	0.56	ug/L
207-08-9	Benzo(k)fluoranthene	0.19	U	0.19	0.56	0.56	ug/L
50-32-8	Benzo(a)pyrene	0.31	U	0.31	0.56	0.56	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.21	U	0.21	0.56	0.56	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.22	U	0.22	0.56	0.56	ug/L
191-24-2	Benzo(g,h,i)perylene	0.21	U	0.21	0.56	0.56	ug/L
123-91-1	1,4-Dioxane	20	D	0.38	1.1	1.1	ug/L

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	BR-03D-489.5-090324DL	SDG No.:	BN090924
Lab Sample ID:	P3827-02DL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	900 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
BN033822.D	5	9/4/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.4		20-139		100	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.51		30-150		127	SPK: -0.4
367-12-4	2-Fluorophenol	0.175		10-100		44	SPK: -0.4
13127-88-3	Phenol-d6	0.105		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.395		27-123		99	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.445		34-132		111	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.425		10-131		106	SPK: -0.4
1718-51-0	Terphenyl-d14	0.585		35-157		146	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4442	7.509				
1146-65-2	Naphthalene-d8	11100	10.261				
15067-26-2	Acenaphthene-d10	4981	14.146				
1517-22-2	Phenanthrene-d10	9942	16.892				
1719-03-5	Chrysene-d12	7523	21.104				
1520-96-3	Perylene-d12	7740	23.259				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN090924
Lab Sample ID:	P3859-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033823.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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	0.09	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	0.34		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	0.24		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	TOWER-2	SDG No.:	BN090924
Lab Sample ID:	P3859-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033823.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.333		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.42		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.141		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.062		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.369		27-123		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.346		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.405		10-131		101	SPK: -0.4
1718-51-0	Terphenyl-d14	0.361		35-157		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4635	7.509				
1146-65-2	Naphthalene-d8	11964	10.261				
15067-26-2	Acenaphthene-d10	6177	14.146				
1517-22-2	Phenanthrene-d10	12818	16.892				
1719-03-5	Chrysene-d12	12188	21.112				
1520-96-3	Perylene-d12	9443	23.259				

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	PB163220BL	SDG No.:	BN090924
Lab Sample ID:	PB163220BL	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
BN033827.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

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:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	PB163220BL	SDG No.:	BN090924
Lab Sample ID:	PB163220BL	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
BN033827.D	1	9/9/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.378		20-139		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.409		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.333		10-100		83	SPK: -0.4
13127-88-3	Phenol-d6	0.311		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.389		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.393		34-132		98	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.268		10-131		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.428		35-157		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4593	7.509				
1146-65-2	Naphthalene-d8	11465	10.261				
15067-26-2	Acenaphthene-d10	5235	14.146				
1517-22-2	Phenanthrene-d10	10043	16.905				
1719-03-5	Chrysene-d12	7738	21.104				
1520-96-3	Perylene-d12	8002	23.259				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	OWBR-06-219-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	900 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
BN033828.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.06	J	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	OWBR-06-219-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	900 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
BN033828.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.346		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.436		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.151		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.094		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.351		27-123		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.351		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.32		10-131		80	SPK: -0.4
1718-51-0	Terphenyl-d14	0.469		35-157		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4645	7.509				
1146-65-2	Naphthalene-d8	11615	10.261				
15067-26-2	Acenaphthene-d10	5592	14.146				
1517-22-2	Phenanthrene-d10	10967	16.892				
1719-03-5	Chrysene-d12	8468	21.103				
1520-96-3	Perylene-d12	8930	23.256				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	TOWER-1	SDG No.:	BN090924
Lab Sample ID:	P3859-03	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
BN033829.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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	0.09	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	0.35		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	0.14	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	TOWER-1	SDG No.:	BN090924
Lab Sample ID:	P3859-03	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
BN033829.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.389		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.451		30-150		113	SPK: -0.4
367-12-4	2-Fluorophenol	0.146		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.093		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.387		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.35		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.756	*	10-131		189	SPK: -0.4
1718-51-0	Terphenyl-d14	0.381		35-157		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4792	7.509				
1146-65-2	Naphthalene-d8	12442	10.261				
15067-26-2	Acenaphthene-d10	6681	14.146				
1517-22-2	Phenanthrene-d10	14092	16.892				
1719-03-5	Chrysene-d12	13236	21.103				
1520-96-3	Perylene-d12	11109	23.259				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	OWBR-01-170-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033830.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

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	0.08	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	OWBR-01-170-090524	SDG No.:	BN090924
Lab Sample ID:	P3868-02	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
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033830.D	1	9/6/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.365		20-139		91	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.429		30-150		107	SPK: -0.4
367-12-4	2-Fluorophenol	0.152		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.09		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.365		27-123		91	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.417		34-132		104	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.327		10-131		82	SPK: -0.4
1718-51-0	Terphenyl-d14	0.49		35-157		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5850	7.509				
1146-65-2	Naphthalene-d8	15062	10.261				
15067-26-2	Acenaphthene-d10	6959	14.146				
1517-22-2	Phenanthrene-d10	13447	16.892				
1719-03-5	Chrysene-d12	10840	21.104				
1520-96-3	Perylene-d12	11151	23.256				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	OW-07B-65.5-090424DL	SDG No.:	BN090924
Lab Sample ID:	P3841-02DL	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
BN033831.D	10	9/5/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31	U	0.31	2.1	2.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.29	U	0.29	1	1	ug/L
91-20-3	Naphthalene	0.25	U	0.25	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.27	U	0.27	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.31	U	0.31	1	1	ug/L
208-96-8	Acenaphthylene	0.22	U	0.22	1	1	ug/L
83-32-9	Acenaphthene	0.21	U	0.21	1	1	ug/L
Total PAH	Total PAH	4.73	U	4.73	1	16	ug/L
86-73-7	Fluorene	0.19	U	0.19	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2.1	2.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.27	U	0.27	1	1	ug/L
118-74-1	Hexachlorobenzene	0.3	U	0.3	1	1	ug/L
1912-24-9	Atrazine	0.24	U	0.24	1	1	ug/L
87-86-5	Pentachlorophenol	0.93	U	0.93	2.1	2.1	ug/L
85-01-8	Phenanthrene	0.21	U	0.21	1	1	ug/L
120-12-7	Anthracene	0.25	U	0.25	1	1	ug/L
206-44-0	Fluoranthene	0.24	U	0.24	1	1	ug/L
129-00-0	Pyrene	0.23	U	0.23	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.23	U	0.23	1	1	ug/L
218-01-9	Chrysene	0.27	U	0.27	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.4	U	1.4	2.1	2.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33	U	0.33	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.58	U	0.58	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39	U	0.39	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4	U	0.4	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38	U	0.38	1	1	ug/L
123-91-1	1,4-Dioxane	27.4	D	0.7	2.1	2.1	ug/L

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	OW-07B-65.5-090424DL	SDG No.:	BN090924
Lab Sample ID:	P3841-02DL	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
BN033831.D	10	9/5/2024 12:00:00 AM	9/9/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.43		20-139		108	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.54		30-150		135	SPK: -0.4
367-12-4	2-Fluorophenol	0.17		10-100		43	SPK: -0.4
13127-88-3	Phenol-d6	0.13		10-100		32	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.45		27-123		113	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.45		34-132		113	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.37		10-131		93	SPK: -0.4
1718-51-0	Terphenyl-d14	0.61		35-157		152	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5302	7.509				
1146-65-2	Naphthalene-d8	13439	10.261				
15067-26-2	Acenaphthene-d10	6180	14.146				
1517-22-2	Phenanthrene-d10	12170	16.892				
1719-03-5	Chrysene-d12	9094	21.113				
1520-96-3	Perylene-d12	9518	23.262				

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	MW-11B-37.5-090424DL	SDG No.:	BN090924
Lab Sample ID:	P3841-03DL	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
BN033832.D	10	9/5/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31	U	0.31	2.1	2.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.29	U	0.29	1	1	ug/L
91-20-3	Naphthalene	0.25	U	0.25	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.27	U	0.27	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.31	U	0.31	1	1	ug/L
208-96-8	Acenaphthylene	0.22	U	0.22	1	1	ug/L
83-32-9	Acenaphthene	0.21	U	0.21	1	1	ug/L
Total PAH	Total PAH	4.73	U	4.73	1	16	ug/L
86-73-7	Fluorene	0.19	U	0.19	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2.1	2.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.27	U	0.27	1	1	ug/L
118-74-1	Hexachlorobenzene	0.3	U	0.3	1	1	ug/L
1912-24-9	Atrazine	0.24	U	0.24	1	1	ug/L
87-86-5	Pentachlorophenol	0.93	U	0.93	2.1	2.1	ug/L
85-01-8	Phenanthrene	0.21	U	0.21	1	1	ug/L
120-12-7	Anthracene	0.25	U	0.25	1	1	ug/L
206-44-0	Fluoranthene	0.24	U	0.24	1	1	ug/L
129-00-0	Pyrene	0.23	U	0.23	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.23	U	0.23	1	1	ug/L
218-01-9	Chrysene	0.27	U	0.27	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.4	U	1.4	2.1	2.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33	U	0.33	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.58	U	0.58	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39	U	0.39	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4	U	0.4	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38	U	0.38	1	1	ug/L
123-91-1	1,4-Dioxane	30.1	D	0.7	2.1	2.1	ug/L

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	MW-11B-37.5-090424DL	SDG No.:	BN090924
Lab Sample ID:	P3841-03DL	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
BN033832.D	10	9/5/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.44		20-139		110	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.56		30-150		140	SPK: -0.4
367-12-4	2-Fluorophenol	0.16		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.1		10-100		25	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.47		27-123		117	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.49		34-132		123	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.45		10-131		113	SPK: -0.4
1718-51-0	Terphenyl-d14	0.61		35-157		152	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4419	7.509				
1146-65-2	Naphthalene-d8	11027	10.261				
15067-26-2	Acenaphthene-d10	4952	14.146				
1517-22-2	Phenanthrene-d10	9593	16.892				
1719-03-5	Chrysene-d12	7124	21.113				
1520-96-3	Perylene-d12	7718	23.265				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	BR-01-190-090624	SDG No.:	BN090924
Lab Sample ID:	P3886-04	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
BN033833.D	1	9/9/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163220

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	0.09	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	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	6.5	E	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	BR-01-190-090624	SDG No.:	BN090924
Lab Sample ID:	P3886-04	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
BN033833.D	1	9/9/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.334		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.436		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.134		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.081		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.362		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.338		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.342		10-131		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.464		35-157		116	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4607	7.509				
1146-65-2	Naphthalene-d8	11637	10.261				
15067-26-2	Acenaphthene-d10	5507	14.146				
1517-22-2	Phenanthrene-d10	10854	16.892				
1719-03-5	Chrysene-d12	8445	21.112				
1520-96-3	Perylene-d12	9146	23.262				

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	PB163220BS	SDG No.:	BN090924
Lab Sample ID:	PB163220BS	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
BN033834.D	1	9/9/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.38		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.38		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	0.36		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	0.38		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	6.15		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.37		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.24		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	0.37		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.53		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		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	0.37		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.39		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.35		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		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	0.32		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	PB163220BS	SDG No.:	BN090924
Lab Sample ID:	PB163220BS	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
BN033834.D	1	9/9/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163220

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.427		20-139		107	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.36		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.306		10-100		76	SPK: -0.4
13127-88-3	Phenol-d6	0.292		10-100		73	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.358		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.377		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.257		10-131		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.37		35-157		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4903	7.509				
1146-65-2	Naphthalene-d8	12456	10.261				
15067-26-2	Acenaphthene-d10	5653	14.146				
1517-22-2	Phenanthrene-d10	10925	16.892				
1719-03-5	Chrysene-d12	8576	21.112				
1520-96-3	Perylene-d12	8844	23.262				

Hit Summary Sheet SW-846

SDG No.: BN090924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : OW-06B-76.5-090324DL								
P3827-01DL	OW-06B-76.5-090324DL	Water	1,4-Dioxane	9.700	D	0.34	1	ug/L
			Total Svoc :			9.70		
			Total Concentration:			9.70		
Client ID : BR-03D-489.5-090324DL								
P3827-02DL	BR-03D-489.5-090324DI	Water	1,4-Dioxane	20.000	D	0.38	1.1	ug/L
P3827-02DL	BR-03D-489.5-090324DI	Water	Naphthalene	0.160	JD	0.13	0.56	ug/L
			Total Svoc :			20.16		
			Total Concentration:			20.16		
Client ID : OW-07B-65.5-090424DL								
P3841-02DL	OW-07B-65.5-090424DL	Water	1,4-Dioxane	27.400	D	0.7	2.1	ug/L
			Total Svoc :			27.40		
			Total Concentration:			27.40		
Client ID : MW-11B-37.5-090424DL								
P3841-03DL	MW-11B-37.5-090424DI	Water	1,4-Dioxane	30.100	D	0.7	2.1	ug/L
			Total Svoc :			30.10		
			Total Concentration:			30.10		
Client ID : TOWER-1								
P3859-03	TOWER-1	Water	1,4-Dioxane	0.140	J	0.07	0.2	ug/L
P3859-03	TOWER-1	Water	Bis(2-ethylhexyl)phthalate	0.350		0.14	0.2	ug/L
P3859-03	TOWER-1	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			0.52		
			Total Concentration:			0.52		
Client ID : TOWER-2								
P3859-06	TOWER-2	Water	1,4-Dioxane	0.240		0.07	0.2	ug/L
P3859-06	TOWER-2	Water	Bis(2-ethylhexyl)phthalate	0.340		0.14	0.2	ug/L
P3859-06	TOWER-2	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			0.61		
			Total Concentration:			0.61		
Client ID : OWBR-06-219-090524								
P3868-01	OWBR-06-219-090524	Water	Naphthalene	0.060	J	0.03	0.11	ug/L
			Total Svoc :			0.06		
			Total Concentration:			0.06		
Client ID : OWBR-01-170-090524								
P3868-02	OWBR-01-170-090524	Water	1,4-Dioxane	0.080	J	0.07	0.2	ug/L
			Total Svoc :			0.08		

Hit Summary Sheet
SW-846

SDG No.: BN090924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.08				
Client ID :	EB01-090524							
P3868-03	EB01-090524	Water	1,4-Dioxane	0.080	J	0.07	0.2	ug/L
Total Svoc :				0.08				
Total Concentration:				0.08				
Client ID :	TT189D1-HYD-20240904							
P3874-02	TT189D1-HYD-2024090	Water	1,4-Dioxane	0.810		0.07	0.22	ug/L
Total Svoc :				0.81				
Total Concentration:				0.81				
Client ID :	BPOW6-8-HYD-20240904							
P3874-03	BPOW6-8-HYD-2024090	Water	Fluorene	0.030	J	0.02	0.1	ug/L
P3874-03	BPOW6-8-HYD-2024090	Water	Naphthalene	0.040	J	0.03	0.1	ug/L
P3874-03	BPOW6-8-HYD-2024090	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
Total Svoc :				0.10				
Total Concentration:				0.10				
Client ID :	MW-06-6.5-090524							
P3886-01	MW-06-6.5-090524	Water	1,4-Dioxane	0.220		0.07	0.2	ug/L
P3886-01	MW-06-6.5-090524	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
Total Svoc :				0.37				
Total Concentration:				0.37				
Client ID :	BR-01-190-090624							
P3886-04	BR-01-190-090624	Water	1,4-Dioxane	6.500	E	0.07	0.2	ug/L
P3886-04	BR-01-190-090624	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
P3886-04	BR-01-190-090624	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
Total Svoc :				6.55				
Total Concentration:				6.55				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090424SAS No.: BN090424SDG No.: BN090424

Instrument ID: _____

Calibration Date(s): 9/4/2024 1: _____Calibration Time(s): 13:30 _____

LAB FILE ID:		RRF0.1 = BN033750.D			RRF0.2 = BN033751.D		RRF0.4 = BN033752.D	
		RRF0.8 = BN033753.D			RRF1.6 = BN033754.D		RRF3.2 = BN033755.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.573	0.547	0.537	0.598	0.591	0.543	0.566	4.2
Fluoranthene-d10	0.968	0.945	0.950	1.014	1.051	0.967	0.987	4.0
n-Nitrosodimethylamine	0.534	0.497	0.513	0.586	0.570	0.521	0.534	6.0
2-Fluorophenol	1.299	1.249	1.168	1.286	1.248	1.155	1.225	4.9
Phenol-d6	1.565	1.451	1.356	1.504	1.486	1.381	1.450	5.1
bis(2-Chloroethyl)ether	1.134	1.085	1.066	1.175	1.136	1.031	1.094	5.1
Nitrobenzene-d5	0.339	0.337	0.321	0.358	0.351	0.332	0.341	3.7
Naphthalene	1.077	1.043	1.023	1.134	1.108	1.032	1.068	3.8
Hexachlorobutadiene	0.222	0.222	0.216	0.237	0.230	0.213	0.222	3.8
2-Methylnaphthalene	0.655	0.633	0.621	0.694	0.686	0.636	0.655	4.2
2-Fluorobiphenyl	1.639	1.647	1.629	1.764	1.723	1.622	1.668	3.2
Acenaphthylene	1.619	1.603	1.617	1.793	1.826	1.774	1.729	6.5
Acenaphthene	1.154	1.143	1.139	1.254	1.230	1.169	1.185	3.8
Fluorene	1.433	1.393	1.390	1.531	1.538	1.443	1.462	4.3
4,6-Dinitro-2-methylphenol		0.054	0.051	0.060	0.068	0.068	0.063	15.8
2,4,6-Tribromophenol	0.203	0.194	0.186	0.201	0.210	0.200	0.202	5.3
4-Bromophenyl-phenylether	0.227	0.223	0.226	0.239	0.243	0.227	0.232	3.3
Hexachlorobenzene	0.264	0.260	0.266	0.275	0.273	0.258	0.266	2.4
Atrazine	0.179	0.175	0.179	0.190	0.198	0.182	0.185	4.6
Pentachlorophenol	0.101	0.095	0.098	0.109	0.116	0.115	0.109	10.3
Phenanthrene	1.086	1.050	1.076	1.142	1.158	1.083	1.102	3.5
Anthracene	0.918	0.888	0.919	0.974	1.012	0.973	0.958	5.3
Fluoranthene	1.185	1.150	1.175	1.279	1.337	1.236	1.235	5.5
Pyrene	1.639	1.564	1.648	1.654	1.626	1.550	1.612	2.6
Terphenyl-d14	0.868	0.824	0.869	0.884	0.862	0.819	0.853	2.9
Benzo (a) anthracene	1.440	1.344	1.416	1.480	1.483	1.390	1.428	3.5
Chrysene	1.419	1.339	1.411	1.471	1.458	1.368	1.412	3.3
Bis(2-ethylhexyl)phthalate		0.843	0.775	0.776	0.766	0.728	0.779	4.8
Benzo (b) fluoranthene	1.406	1.373	1.465	1.548	1.548	1.431	1.470	4.8
Benzo (k) fluoranthene	1.371	1.334	1.407	1.503	1.513	1.413	1.433	4.9
Benzo (a) pyrene	1.196	1.131	1.198	1.278	1.288	1.224	1.229	4.8
Indeno (1,2,3-cd) pyrene	1.551	1.568	1.627	1.760	1.748	1.640	1.653	4.9
Dibenzo (a,h) anthracene	1.241	1.229	1.312	1.413	1.407	1.321	1.325	5.5
Benzo (g,h,i) perylene	1.358	1.362	1.444	1.533	1.513	1.410	1.437	4.7
1,4-Dioxane	0.454	0.463	0.437	0.489	0.464	0.447	0.455	4.3

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033752.D Time Analyzed: 11:12

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	5895	7.516	15185	10.27	6901	14.16
	UPPER LIMIT	11790	8.016	30370	10.772	13802	14.657
	LOWER LIMIT	2947.5	7.016	7592.5	9.772	3450.5	13.657
	EPA SAMPLE NO.						
01	PB163188BL	5703	7.51	14238	10.27	6484	14.15
02	PB163188BS	4669	7.51	12036	10.27	5355	14.15
03	PB163188BSD	7335	7.51	18696	10.27	8536	14.15
04	EB01-090524	4116	7.51	10497	10.27	5001	14.15
05	TT189D1-HYD-20240904	4233	7.51	10763	10.27	4856	14.15
06	BPOW6-8-HYD-20240904	4157	7.51	10525	10.27	4785	14.15
07	MW-06-6.5-090524	4033	7.51	10158	10.27	4614	14.15
08	MW-06-6.5-090524MS	4688	7.51	11716	10.26	5428	14.15
09	MW-06-6.5-090524MSD	4681	7.51	11929	10.26	5419	14.15
10	OW-06B-76.5-090324DL	4369	7.51	10891	10.27	4935	14.15
11	BR-03D-489.5-090324DL	4442	7.51	11100	10.26	4981	14.15
12	TOWER-2	4635	7.51	11964	10.26	6177	14.15
13	PB163220BL	4593	7.51	11465	10.26	5235	14.15
14	OWBR-06-219-090524	4645	7.51	11615	10.26	5592	14.15
15	TOWER-1	4792	7.51	12442	10.26	6681	14.15
16	OWBR-01-170-090524	5850	7.51	15062	10.26	6959	14.15
17	OW-07B-65.5-090424DL	5302	7.51	13439	10.26	6180	14.15
18	MW-11B-37.5-090424DL	4419	7.51	11027	10.26	4952	14.15
19	BR-01-190-090624	4607	7.51	11637	10.26	5507	14.15
20	PB163220BS	4903	7.51	12456	10.26	5653	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 01:44

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	5895	7.516	15185	10.27	6901	14.16
UPPER LIMIT	11790	8.016	30370	10.772	13802	14.657
LOWER LIMIT	2947.5	7.016	7592.5	9.772	3450.5	13.657
EPA SAMPLE NO.						

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033811.D Time Analyzed: 11:12

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	5091	7.509	12872	10.26	5728	14.15
UPPER LIMIT	10182	8.009	25744	10.761	11456	14.646
LOWER LIMIT	2545.5	7.009	6436	9.761	2864	13.646
EPA SAMPLE NO.						
01 PB163188BL	5703	7.51	14238	10.27	6484	14.15
02 PB163188BS	4669	7.51	12036	10.27	5355	14.15
03 PB163188BSD	7335	7.51	18696	10.27	8536	14.15
04 EB01-090524	4116	7.51	10497	10.27	5001	14.15
05 TT189D1-HYD-20240904	4233	7.51	10763	10.27	4856	14.15
06 BPOW6-8-HYD-20240904	4157	7.51	10525	10.27	4785	14.15
07 MW-06-6.5-090524	4033	7.51	10158	10.27	4614	14.15
08 MW-06-6.5-090524MS	4688	7.51	11716	10.26	5428	14.15
09 MW-06-6.5-090524MSD	4681	7.51	11929	10.26	5419	14.15
10 OW-06B-76.5-090324DL	4369	7.51	10891	10.27	4935	14.15
11 BR-03D-489.5-090324DL	4442	7.51	11100	10.26	4981	14.15
12 TOWER-2	4635	7.51	11964	10.26	6177	14.15

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033826.D Time Analyzed: 21:30

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	5052	7.509	12832	10.26	5734	14.15
UPPER LIMIT	10104	8.009	25664	10.761	11468	14.646
LOWER LIMIT	2526	7.009	6416	9.761	2867	13.646
EPA SAMPLE NO.						
01 PB163220BL	4593	7.51	11465	10.26	5235	14.15
02 OWBR-06-219-090524	4645	7.51	11615	10.26	5592	14.15
03 TOWER-1	4792	7.51	12442	10.26	6681	14.15
04 OWBR-01-170-090524	5850	7.51	15062	10.26	6959	14.15
05 OW-07B-65.5-090424DL	5302	7.51	13439	10.26	6180	14.15
06 MW-11B-37.5-090424DL	4419	7.51	11027	10.26	4952	14.15
07 BR-01-190-090624	4607	7.51	11637	10.26	5507	14.15
08 PB163220BS	4903	7.51	12456	10.26	5653	14.15

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033752.D Time Analyzed: 11:12

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	12880	16.905	9360	21.113	9625	23.271
	UPPER LIMIT	25760	17.405	18720	21.613	19250	23.771
	LOWER LIMIT	6440	16.405	4680	20.613	4812.5	22.771
	EPA SAMPLE NO.						
01	PB163188BL	12373	16.90	9357	21.11	9815	23.27
02	PB163188BS	10498	16.89	8529	21.11	8221	23.27
03	PB163188BSD	16359	16.89	12515	21.11	12943	23.27
04	EB01-090524	9389	16.90	7332	21.11	7361	23.27
05	TT189D1-HYD-20240904	9510	16.89	7137	21.11	7211	23.27
06	BPOW6-8-HYD-20240904	9332	16.89	6984	21.11	7214	23.27
07	MW-06-6.5-090524	9323	16.89	7273	21.11	7730	23.27
08	MW-06-6.5-090524MS	10806	16.89	8570	21.11	8961	23.27
09	MW-06-6.5-090524MSD	10861	16.89	8580	21.11	9061	23.26
10	OW-06B-76.5-090324DL	9368	16.90	7267	21.11	7401	23.26
11	BR-03D-489.5-090324DL	9942	16.89	7523	21.10	7740	23.26
12	TOWER-2	12818	16.89	12188	21.11	9443	23.26
13	PB163220BL	10043	16.91	7738	21.10	8002	23.26
14	OWBR-06-219-090524	10967	16.89	8468	21.10	8930	23.26
15	TOWER-1	14092	16.89	13236	21.10	11109	23.26
16	OWBR-01-170-090524	13447	16.89	10840	21.10	11151	23.26
17	OW-07B-65.5-090424DL	12170	16.89	9094	21.11	9518	23.26
18	MW-11B-37.5-090424DL	9593	16.89	7124	21.11	7718	23.27
19	BR-01-190-090624	10854	16.89	8445	21.11	9146	23.26
20	PB163220BS	10925	16.89	8576	21.11	8844	23.26

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 01:44

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	12880	16.905	9360	21.113	9625	23.271
UPPER LIMIT	25760	17.405	18720	21.613	19250	23.771
LOWER LIMIT	6440	16.405	4680	20.613	4812.5	22.771
EPA SAMPLE NO.						

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033811.D Time Analyzed: 11:12

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	11073	16.892	8246	21.113	8625	23.265
	UPPER LIMIT	22146	17.392	16492	21.613	17250	23.765
	LOWER LIMIT	5536.5	16.392	4123	20.613	4312.5	22.765
	EPA SAMPLE NO.						
01	PB163188BL	12373	16.90	9357	21.11	9815	23.27
02	PB163188BS	10498	16.89	8529	21.11	8221	23.27
03	PB163188BSD	16359	16.89	12515	21.11	12943	23.27
04	EB01-090524	9389	16.90	7332	21.11	7361	23.27
05	TT189D1-HYD-20240904	9510	16.89	7137	21.11	7211	23.27
06	BPOW6-8-HYD-20240904	9332	16.89	6984	21.11	7214	23.27
07	MW-06-6.5-090524	9323	16.89	7273	21.11	7730	23.27
08	MW-06-6.5-090524MS	10806	16.89	8570	21.11	8961	23.27
09	MW-06-6.5-090524MSD	10861	16.89	8580	21.11	9061	23.26
10	OW-06B-76.5-090324DL	9368	16.90	7267	21.11	7401	23.26
11	BR-03D-489.5-090324DL	9942	16.89	7523	21.10	7740	23.26
12	TOWER-2	12818	16.89	12188	21.11	9443	23.26

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.: BN090924 SAS No.: BN090924 SDG NO.: BN090924

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

Lab File ID: BN033826.D Time Analyzed: 21:30

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	11139	16.892	8530	21.104	9362	23.259
UPPER LIMIT	22278	17.392	17060	21.604	18724	23.759
LOWER LIMIT	5569.5	16.392	4265	20.604	4681	22.759
EPA SAMPLE NO.						
01 PB163220BL	10043	16.91	7738	21.10	8002	23.26
02 OWBR-06-219-090524	10967	16.89	8468	21.10	8930	23.26
03 TOWER-1	14092	16.89	13236	21.10	11109	23.26
04 OWBR-01-170-090524	13447	16.89	10840	21.10	11151	23.26
05 OW-07B-65.5-090424DL	12170	16.89	9094	21.11	9518	23.26
06 MW-11B-37.5-090424DL	9593	16.89	7124	21.11	7718	23.27
07 BR-01-190-090624	10854	16.89	8445	21.11	9146	23.26
08 PB163220BS	10925	16.89	8576	21.11	8844	23.26

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.: BN090924

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163188BS	n-Nitrosodimethylamine	0.4	0.45	ug/L	113				33	130	
	bis(2-Chloroethyl)ether	0.4	0.42	ug/L	105				55	118	
	Naphthalene	0.4	0.41	ug/L	103				67	120	
	Hexachlorobutadiene	0.4	0.41	ug/L	103				33	114	
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122	
	Acenaphthylene	0.4	0.44	ug/L	110				60	119	
	Acenaphthene	0.4	0.44	ug/L	110				65	119	
	Total PAH	6.4	6.86	ug/L	107				65	119	
	Fluorene	0.4	0.43	ug/L	108				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.39	ug/L	98				20	150	
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105				20	150	
	Hexachlorobenzene	0.4	0.42	ug/L	105				62	127	
	Atrazine	0.4	0.4	ug/L	100				20	150	
	Pentachlorophenol	0.8	0.71	ug/L	89				10	137	
	Phenanthrene	0.4	0.43	ug/L	108				65	117	
	Anthracene	0.4	0.44	ug/L	110				57	118	
	Fluoranthene	0.4	0.41	ug/L	103				53	126	
	Pyrene	0.4	0.4	ug/L	100				54	124	
	Benzo(a)anthracene	0.4	0.4	ug/L	100				54	130	
	Chrysene	0.4	0.43	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.37	ug/L	93				40	137	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				65	121	
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				72	119	
	Benzo(a)pyrene	0.4	0.46	ug/L	115				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				70	127	
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108				65	121	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				76	117	
	1,4-Dioxane	0.4	0.35	ug/L	88				42	127	
PB163188BSD	n-Nitrosodimethylamine	0.4	0.36	ug/L	90	22		*	33	130	20
	bis(2-Chloroethyl)ether	0.4	0.33	ug/L	83	24		*	55	118	20
	Naphthalene	0.4	0.33	ug/L	83	22		*	67	120	20
	Hexachlorobutadiene	0.4	0.33	ug/L	83	22		*	33	114	20
	2-Methylnaphthalene	0.4	0.33	ug/L	83	22		*	50	122	20
	Acenaphthylene	0.4	0.35	ug/L	88	23		*	60	119	20
	Acenaphthene	0.4	0.34	ug/L	85	26		*	65	119	20
	Total PAH	6.4	5.41	ug/L	85	24		*	65	119	20
	Fluorene	0.4	0.33	ug/L	83	26		*	58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.28	ug/L	70	33		*	20	150	20
	4-Bromophenyl-phenylether	0.4	0.33	ug/L	83	24		*	20	150	20
	Hexachlorobenzene	0.4	0.33	ug/L	83	24		*	62	127	20
	Atrazine	0.4	0.31	ug/L	78	25		*	20	150	20
	Pentachlorophenol	0.8	0.59	ug/L	74	18			10	137	20
	Phenanthrene	0.4	0.34	ug/L	85	23		*	65	117	20
	Anthracene	0.4	0.35	ug/L	88	23		*	57	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits	
							Qual	Qual	Low	High
PB163188BSD	Fluoranthene	0.4	0.32	ug/L	80	25	*		53	126
	Pyrene	0.4	0.33	ug/L	83	19			54	124
	Benzo(a)anthracene	0.4	0.33	ug/L	83	19			54	130
	Chrysene	0.4	0.35	ug/L	88	21	*		64	126
	bis(2-Ethylhexyl)phthalate	0.4	0.3	ug/L	75	21	*		40	137
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83	26	*		65	121
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90	22	*		72	119
	Benzo(a)pyrene	0.4	0.35	ug/L	88	27	*		68	120
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85	26	*		70	127
	Dibenz(a,h)anthracene	0.4	0.34	ug/L	85	23	*		65	121
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80	27	*		76	117
	1,4-Dioxane	0.4	0.27	ug/L	68	26	*		42	127

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163220BS	n-Nitrosodimethylamine	0.4	0.38	ug/L	95				33	130	
	bis(2-Chloroethyl)ether	0.4	0.38	ug/L	95				55	118	
	Naphthalene	0.4	0.37	ug/L	93				67	120	
	Hexachlorobutadiene	0.4	0.36	ug/L	90				33	114	
	2-Methylnaphthalene	0.4	0.37	ug/L	93				50	122	
	Acenaphthylene	0.4	0.38	ug/L	95				60	119	
	Acenaphthene	0.4	0.38	ug/L	95				65	119	
	Total PAH	6.4	6.15	ug/L	96				65	119	
	Fluorene	0.4	0.37	ug/L	93				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.24	ug/L	60				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.37	ug/L	93				62	127	
	Atrazine	0.4	0.37	ug/L	93				20	150	
	Pentachlorophenol	0.8	0.53	ug/L	66				10	137	
	Phenanthrene	0.4	0.38	ug/L	95				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	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				54	130	
	Chrysene	0.4	0.39	ug/L	98				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.35	ug/L	88				40	137	
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				65	121	
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				72	119	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				70	127	
	Dibenz(a,h)anthracene	0.4	0.4	ug/L	100				65	121	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				76	117	
	1,4-Dioxane	0.4	0.32	ug/L	80				42	127	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163188BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090924

SAS No.: BN090924 SDG NO.: BN090924

Lab File ID: BN033812.D

Lab Sample ID: PB163188BL

Instrument ID: BNA_N

Date Extracted: 09/06/2024

Matrix: (soil/water) Water

Date Analyzed: 09/09/2024

Level: (low/med) LOW

Time Analyzed: 11:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163188BS	PB163188BS	BN033813.D	09/09/2024
PB163188BSD	PB163188BSD	BN033814.D	09/09/2024
EB01-090524	P3868-03	BN033815.D	09/09/2024
TT189D1-HYD-20240904	P3874-02	BN033816.D	09/09/2024
BPOW6-8-HYD-20240904	P3874-03	BN033817.D	09/09/2024
OWBR-06-219-090524	P3868-01	BN033828.D	09/09/2024
TOWER-1	P3859-03	BN033829.D	09/09/2024
OWBR-01-170-090524	P3868-02	BN033830.D	09/09/2024
TOWER-2	P3859-06	BN033823.D	09/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163220BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090924

SAS No.: BN090924 SDG NO.: BN090924

Lab File ID: BN033827.D

Lab Sample ID: PB163220BL

Instrument ID: BNA_N

Date Extracted: 09/09/2024

Matrix: (soil/water) Water

Date Analyzed: 09/09/2024

Level: (low/med) LOW

Time Analyzed: 21:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BR-01-190-090624	P3886-04	BN033833.D	09/10/2024
PB163220BS	PB163220BS	BN033834.D	09/10/2024
MW-06-6.5-090524	P3886-01	BN033818.D	09/09/2024
MW-06-6.5-090524MS	P3886-02MS	BN033819.D	09/09/2024
MW-06-6.5-090524MSD	P3886-03MSD	BN033820.D	09/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3886-02MS		Client Sample ID: MW-06-6.5-090524MS		DataFile: BN033819.D							
n-Nitrosodimethylamine	0.41		0.18	ug/L	44				10	158	
bis(2-Chloroethyl)ether	0.41		0.34	ug/L	83				27	159	
Naphthalene	0.41		0.34	ug/L	83				62	119	
Hexachlorobutadiene	0.41		0.27	ug/L	66				14	140	
2-Methylnaphthalene	0.41		0.34	ug/L	83				70	118	
Acenaphthylene	0.41		0.37	ug/L	90				53	123	
Acenaphthene	0.41		0.36	ug/L	88				57	122	
Total PAH	6.56		6.06	ug/L	92				57	122	
Fluorene	0.41		0.38	ug/L	93				58	123	
4,6-Dinitro-2-methylphenol	0.41		0.38	ug/L	93				20	150	
4-Bromophenyl-phenylether	0.41		0.36	ug/L	88				20	150	
Hexachlorobenzene	0.41		0.35	ug/L	85				31	160	
Atrazine	0.41		0.4	ug/L	98				20	150	
Pentachlorophenol	0.82		0.68	ug/L	83				10	179	
Phenanthrene	0.41		0.41	ug/L	100				64	129	
Anthracene	0.41		0.4	ug/L	98				67	127	
Fluoranthene	0.41		0.41	ug/L	100				55	140	
Pyrene	0.41		0.42	ug/L	102				59	137	
Benzo(a)anthracene	0.41		0.42	ug/L	102				51	146	
Chrysene	0.41		0.43	ug/L	105				61	126	
bis(2-Ethylhexyl)phthalate	0.41	0.15	0.41	ug/L	63				35	175	
Benzo(b)fluoranthene	0.41		0.38	ug/L	93				60	123	
Benzo(k)fluoranthene	0.41		0.39	ug/L	95				61	122	
Benzo(a)pyrene	0.41		0.39	ug/L	95				54	129	
Indeno(1,2,3-cd)pyrene	0.41		0.34	ug/L	83				50	134	
Dibenz(a,h)anthracene	0.41		0.34	ug/L	83				53	121	
Benzo(g,h,i)perylene	0.41		0.28	ug/L	68				44	132	
1,4-Dioxane	0.41	0.22	0.6	ug/L	93				10	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3886-03MSD		Client Sample ID: MW-06-6.5-090524MSD		DataFile: BN033820.D							
n-Nitrosodimethylamine	0.41		0.17	ug/L	41		7		10	158	20
bis(2-Chloroethyl)ether	0.41		0.33	ug/L	80		4		27	159	20
Naphthalene	0.41		0.33	ug/L	80		4		62	119	20
Hexachlorobutadiene	0.41		0.25	ug/L	61		8		14	140	20
2-Methylnaphthalene	0.41		0.33	ug/L	80		4		70	118	20
Acenaphthylene	0.41		0.36	ug/L	88		2		53	123	20
Acenaphthene	0.41		0.36	ug/L	88		0		57	122	20
Total PAH	6.56		6	ug/L	91		1		57	122	20
Fluorene	0.41		0.38	ug/L	93		0		58	123	20
4,6-Dinitro-2-methylphenol	0.41		0.38	ug/L	93		0		20	150	20
4-Bromophenyl-phenylether	0.41		0.36	ug/L	88		0		20	150	20
Hexachlorobenzene	0.41		0.34	ug/L	83		2		31	160	20
Atrazine	0.41		0.39	ug/L	95		3		20	150	20
Pentachlorophenol	0.82		0.7	ug/L	85		2		10	179	20
Phenanthrene	0.41		0.41	ug/L	100		0		64	129	20
Anthracene	0.41		0.39	ug/L	95		3		67	127	20
Fluoranthene	0.41		0.41	ug/L	100		0		55	140	20
Pyrene	0.41		0.42	ug/L	102		0		59	137	20
Benzo(a)anthracene	0.41		0.42	ug/L	102		0		51	146	20
Chrysene	0.41		0.42	ug/L	102		3		61	126	20
bis(2-Ethylhexyl)phthalate	0.41	0.15	0.41	ug/L	63		0		35	175	20
Benzo(b)fluoranthene	0.41		0.37	ug/L	90		3		60	123	20
Benzo(k)fluoranthene	0.41		0.39	ug/L	95		0		61	122	20
Benzo(a)pyrene	0.41		0.38	ug/L	93		2		54	129	20
Indeno(1,2,3-cd)pyrene	0.41		0.34	ug/L	83		0		50	134	20
Dibenz(a,h)anthracene	0.41		0.34	ug/L	83		0		53	121	20
Benzo(g,h,i)perylene	0.41		0.28	ug/L	68		0		44	132	20
1,4-Dioxane	0.41	0.22	0.6	ug/L	93		0		10	175	20

Surrogate Summary

SW-846

SDG No.: **BN090924**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3827-01DL	OW-06B-76.5-0903BN033821.D		2-Methylnaphthalene-d10	0.4	0.42	105		20	139
			Fluoranthene-d10	0.4	0.53	132		30	150
			2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.44	109		27	123
			2-Fluorobiphenyl	0.4	0.46	114		34	132
			2,4,6-Tribromophenol	0.4	0.39	96		10	131
			Terphenyl-d14	0.4	0.59	146		35	157
P3827-02DL	BR-03D-489.5-0903BN033822.D		2-Methylnaphthalene-d10	0.4	0.40	100		20	139
			Fluoranthene-d10	0.4	0.51	127		30	150
			2-Fluorophenol	0.4	0.18	44		10	100
			Phenol-d6	0.4	0.11	26		10	100
			Nitrobenzene-d5	0.4	0.40	99		27	123
			2-Fluorobiphenyl	0.4	0.45	111		34	132
			2,4,6-Tribromophenol	0.4	0.43	106		10	131
			Terphenyl-d14	0.4	0.59	146		35	157

Surrogate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3841-02DL	OW-07B-65.5-0904BN033831.D		2-Methylnaphthalene-d10	0.4	0.43	108		20	139
			Fluoranthene-d10	0.4	0.54	135		30	150
			2-Fluorophenol	0.4	0.17	43		10	100
			Phenol-d6	0.4	0.13	32		10	100
			Nitrobenzene-d5	0.4	0.45	113		27	123
			2-Fluorobiphenyl	0.4	0.45	113		34	132
			2,4,6-Tribromophenol	0.4	0.37	93		10	131
			Terphenyl-d14	0.4	0.61	152		35	157
P3841-03DL	MW-11B-37.5-0904BN033832.D		2-Methylnaphthalene-d10	0.4	0.44	110		20	139
			Fluoranthene-d10	0.4	0.56	140		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.10	25		10	100
			Nitrobenzene-d5	0.4	0.47	117		27	123
			2-Fluorobiphenyl	0.4	0.49	123		34	132
			2,4,6-Tribromophenol	0.4	0.45	113		10	131
			Terphenyl-d14	0.4	0.61	152		35	157

Surrogate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3859-03	TOWER-1	BN033829.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.45	113		30	150
			2-Fluorophenol	0.4	0.15	36		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.76	189	*	10	131
			Terphenyl-d14	0.4	0.38	95		35	157
P3859-06	TOWER-2	BN033823.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.37	92		27	123
			2-Fluorobiphenyl	0.4	0.35	86		34	132
			2,4,6-Tribromophenol	0.4	0.41	101		10	131
			Terphenyl-d14	0.4	0.36	90		35	157
P3868-01	OWBR-06-219-090	BN033828.D	2-Methylnaphthalene-d10	0.4	0.35	86		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.35	88		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.32	80		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
P3868-02	OWBR-01-170-090	BN033830.D	2-Methylnaphthalene-d10	0.4	0.37	91		20	139
			Fluoranthene-d10	0.4	0.43	107		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.37	91		27	123
			2-Fluorobiphenyl	0.4	0.42	104		34	132
			2,4,6-Tribromophenol	0.4	0.33	82		10	131
			Terphenyl-d14	0.4	0.49	123		35	157
P3868-03	EB01-090524	BN033815.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.31	78		27	123
			2-Fluorobiphenyl	0.4	0.30	76		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P3874-02	TT189D1-HYD-20	BN033816.D	2-Methylnaphthalene-d10	0.4	0.01	1	*	20	139
			Fluoranthene-d10	0.4	0.29	73		30	150
			2-Fluorophenol	0.4	0.05	13		10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.31	79		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.24	61		10	131
			Terphenyl-d14	0.4	0.43	107		35	157
P3874-03	BPOW6-8-HYD-20	BN033817.D	2-Methylnaphthalene-d10	0.4	0.02	4	*	20	139

Surrogate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3874-03	BPOW6-8-HYD-20BN033817.D		Fluoranthene-d10	0.4	0.24	59		30	150
			2-Fluorophenol	0.4	0.05	14		10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.37	92		27	123
			2-Fluorobiphenyl	0.4	0.38	95		34	132
			2,4,6-Tribromophenol	0.4	0.20	49		10	131
			Terphenyl-d14	0.4	0.44	110		35	157
PB163188BL	PB163188BL	BN033812.D	2-Methylnaphthalene-d10	0.4	0.30	76		20	139
			Fluoranthene-d10	0.4	0.32	80		30	150
			2-Fluorophenol	0.4	0.25	62		10	100
			Phenol-d6	0.4	0.24	61		10	100
			Nitrobenzene-d5	0.4	0.31	78		27	123
			2-Fluorobiphenyl	0.4	0.31	78		34	132
			2,4,6-Tribromophenol	0.4	0.18	46		10	131
PB163188BS	PB163188BS	BN033813.D	Terphenyl-d14	0.4	0.34	85		35	157
			2-Methylnaphthalene-d10	0.4	0.46	115		20	139
			Fluoranthene-d10	0.4	0.40	99		30	150
			2-Fluorophenol	0.4	0.32	80		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.39	98		27	123
			2-Fluorobiphenyl	0.4	0.42	104		34	132
PB163188BSD	PB163188BSD	BN033814.D	2,4,6-Tribromophenol	0.4	0.30	76		10	131
			Terphenyl-d14	0.4	0.40	99		35	157
			2-Methylnaphthalene-d10	0.4	0.41	101		20	139
			Fluoranthene-d10	0.4	0.31	78		30	150
			2-Fluorophenol	0.4	0.26	65		10	100
			Phenol-d6	0.4	0.26	64		10	100
			Nitrobenzene-d5	0.4	0.33	82		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.25	62		10	131
			Terphenyl-d14	0.4	0.33	82		35	157

Surrogate Summary

SW-846

SDG No.: BN090924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3886-01	MW-06-6.5-090524BN033818.D		2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
			2-Fluorobiphenyl	0.4	0.35	87		34	132
			2,4,6-Tribromophenol	0.4	0.32	81		10	131
			Terphenyl-d14	0.4	0.44	111		35	157
P3886-02MS	MW-06-6.5-090524BN033819.D		2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.32	81		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.31	76		10	131
			Terphenyl-d14	0.4	0.41	101		35	157
P3886-03MSD	MW-06-6.5-090524BN033820.D		2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.31	77		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P3886-04	BR-01-190-090624 BN033833.D		2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.13	34		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.34	86		10	131
			Terphenyl-d14	0.4	0.46	116		35	157
PB163220BL	PB163220BL	BN033827.D	2-Methylnaphthalene-d10	0.4	0.38	94		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.33	83		10	100
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.39	98		34	132
			2,4,6-Tribromophenol	0.4	0.27	67		10	131
			Terphenyl-d14	0.4	0.43	107		35	157
PB163220BS	PB163220BS	BN033834.D	2-Methylnaphthalene-d10	0.4	0.43	107		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.31	76		10	100
			Phenol-d6	0.4	0.29	73		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.26	64		10	131
			Terphenyl-d14	0.4	0.37	93		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN090924

Lab Code: CHEM

SAS No.: BN090924 SDG NO.: BN090924

Lab File ID: BN033810.D

DFTPP Injection Date: 09/09/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44
68	Less than 2.0% of mass 69	0.9 (2) 1
69	Mass 69 relative abundance	43.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.7
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	70.4
443	15.0 - 24.0% of mass 442	13.7 (19.4) 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	BN033811.D	09/09/2024	10:36
PB163188BL	PB163188BL	BN033812.D	09/09/2024	11:12
PB163188BS	PB163188BS	BN033813.D	09/09/2024	11:48
PB163188BSD	PB163188BSD	BN033814.D	09/09/2024	12:24
EB01-090524	P3868-03	BN033815.D	09/09/2024	13:00
TT189D1-HYD-20240904	P3874-02	BN033816.D	09/09/2024	13:37
BPOW6-8-HYD-20240904	P3874-03	BN033817.D	09/09/2024	14:13
MW-06-6.5-090524	P3886-01	BN033818.D	09/09/2024	14:49
MW-06-6.5-090524MS	P3886-02MS	BN033819.D	09/09/2024	16:38
MW-06-6.5-090524MSD	P3886-03MSD	BN033820.D	09/09/2024	17:14
OW-06B-76.5-090324DL	P3827-01DL	BN033821.D	09/09/2024	17:50
BR-03D-489.5-090324DL	P3827-02DL	BN033822.D	09/09/2024	18:26
TOWER-2	P3859-06	BN033823.D	09/09/2024	19:02
SSTDCCC0.4EC	SSTDCCC0.4	BN033824.D	09/09/2024	19:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN090924

Lab Code: CHEM

SAS No.: BN090924

SDG NO.: BN090924

Lab File ID: BN033825.D

DFTPP Injection Date: 09/09/2024

Instrument ID: BNA_N

DFTPP Injection Time: 20:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	72.6
443	15.0 - 24.0% of mass 442	14.2 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033826.D	09/09/2024	20:54
PB163220BL	PB163220BL	BN033827.D	09/09/2024	21:30
OWBR-06-219-090524	P3868-01	BN033828.D	09/09/2024	22:07
TOWER-1	P3859-03	BN033829.D	09/09/2024	22:43
OWBR-01-170-090524	P3868-02	BN033830.D	09/09/2024	23:19
OW-07B-65.5-090424DL	P3841-02DL	BN033831.D	09/09/2024	23:55
MW-11B-37.5-090424DL	P3841-03DL	BN033832.D	09/10/2024	00:31
BR-01-190-090624	P3886-04	BN033833.D	09/10/2024	01:07
PB163220BS	PB163220BS	BN033834.D	09/10/2024	01:44
SSTDCCC0.4EC	SSTDCCC0.4	BN033835.D	09/10/2024	02:20