

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG No.: BN090624

Instrument ID: BNA_N Calibration Date/Time: 9/6/2024 12:09:20

Lab File ID: BN033773.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	0.930		-5.775	20.0
n-Nitrosodimethylamine	0.534	0.512		-4.12	20.0
2-Fluorophenol	1.225	1.067		-12.898	20.0
Phenol-d6	1.450	1.265		-12.759	20.0
bis(2-Chloroethyl)ether	1.094	1.066		-2.559	20.0
Nitrobenzene-d5	0.341	0.311		-8.798	20.0
Naphthalene	1.068	1.019		-4.588	20.0
Hexachlorobutadiene	0.222	0.216		-2.703	20.0
2-Methylnaphthalene	0.655	0.614		-6.26	20.0
2-Fluorobiphenyl	1.668	1.653		-0.899	20.0
Acenaphthylene	1.729	1.600		-7.461	20.0
Acenaphthene	1.185	1.149		-3.038	20.0
Fluorene	1.462	1.415		-3.215	20.0
4,6-Dinitro-2-methylphenol	0.063	0.054		-14.286	20.0
2,4,6-Tribromophenol	0.202	0.163		-19.307	20.0
4-Bromophenyl-phenylether	0.232	0.220		-5.172	20.0
Hexachlorobenzene	0.266	0.257		-3.383	20.0
Atrazine	0.185	0.160		-13.514	20.0
Pentachlorophenol	0.109	0.090		-17.431	20.0
Phenanthrene	1.102	1.065		-3.358	20.0
Anthracene	0.958	0.886		-7.516	20.0
Fluoranthene	1.235	1.175		-4.858	20.0
Pyrene	1.612	1.569		-2.667	20.0
Terphenyl-d14	0.853	0.838		-1.758	20.0
Benzo(a)anthracene	1.428	1.336		-6.443	20.0
Chrysene	1.412	1.461		3.47	20.0
Bis(2-ethylhexyl)phthalate	0.779	0.655		-15.918	20.0
Benzo(b)fluoranthene	1.470	1.435		-2.381	20.0
Benzo(k)fluoranthene	1.433	1.456		1.605	20.0
Benzo(a)pyrene	1.229	1.155		-6.021	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.640		-0.786	20.0
Dibenzo(a,h)anthracene	1.325	1.304		-1.585	20.0
Benzo(g,h,i)perylene	1.437	1.435		-0.139	20.0
1,4-Dioxane	0.455	0.457		0.44	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.: BN090624 SAS No.: BN090624 SDG No.: BN090624

Instrument ID: BNA_N Calibration Date/Time: 9/6/2024 12:19:44

Lab File ID: BN033790.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	0.529		-6.537	50.0
Fluoranthene-d10	0.987	0.943		-4.458	50.0
n-Nitrosodimethylamine	0.534	0.568		6.367	50.0
2-Fluorophenol	1.225	1.090		-11.02	50.0
Phenol-d6	1.450	1.277		-11.931	50.0
bis(2-Chloroethyl) ether	1.094	1.028		-6.033	50.0
Nitrobenzene-d5	0.341	0.315		-7.625	50.0
Naphthalene	1.068	1.027		-3.839	50.0
Hexachlorobutadiene	0.222	0.226		1.802	50.0
2-Methylnaphthalene	0.655	0.619		-5.496	50.0
2-Fluorobiphenyl	1.668	1.628		-2.398	50.0
Acenaphthylene	1.729	1.585		-8.329	50.0
Acenaphthene	1.185	1.148		-3.122	50.0
Fluorene	1.462	1.405		-3.899	50.0
4,6-Dinitro-2-methylphenol	0.063	0.058		-7.937	50.0
2,4,6-Tribromophenol	0.202	0.167		-17.327	50.0
4-Bromophenyl-phenylether	0.232	0.227		-2.155	50.0
Hexachlorobenzene	0.266	0.263		-1.128	50.0
Atrazine	0.185	0.170		-8.108	50.0
Pentachlorophenol	0.109	0.093		-14.679	50.0
Phenanthrene	1.102	1.085		-1.543	50.0
Anthracene	0.958	0.893		-6.785	50.0
Fluoranthene	1.235	1.194		-3.32	50.0
Pyrene	1.612	1.586		-1.613	50.0
Terphenyl-d14	0.853	0.827		-3.048	50.0
Benzo(a)anthracene	1.428	1.354		-5.182	50.0
Chrysene	1.412	1.455		3.045	50.0
Bis(2-ethylhexyl)phthalate	0.779	0.721		-7.445	50.0
Benzo(b)fluoranthene	1.470	1.443		-1.837	50.0
Benzo(k)fluoranthene	1.433	1.508		5.234	50.0
Benzo(a)pyrene	1.229	1.195		-2.766	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.696		2.601	50.0
Dibenzo(a,h)anthracene	1.325	1.343		1.358	50.0
Benzo(g,h,i)perylene	1.437	1.457		1.392	50.0
1,4-Dioxane	0.455	0.436		-4.176	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.: BN090624 SAS No.: BN090624 SDG No.: BN090624

Instrument ID: BNA_N Calibration Date/Time: 9/6/2024 12:21:40

Lab File ID: BN033792.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	0.526		-7.067	20.0
Fluoranthene-d10	0.987	0.932		-5.572	20.0
n-Nitrosodimethylamine	0.534	0.570		6.742	20.0
2-Fluorophenol	1.225	1.063		-13.224	20.0
Phenol-d6	1.450	1.276		-12.0	20.0
bis(2-Chloroethyl)ether	1.094	1.008		-7.861	20.0
Nitrobenzene-d5	0.341	0.329		-3.519	20.0
Naphthalene	1.068	1.041		-2.528	20.0
Hexachlorobutadiene	0.222	0.232		4.505	20.0
2-Methylnaphthalene	0.655	0.622		-5.038	20.0
2-Fluorobiphenyl	1.668	1.699		1.859	20.0
Acenaphthylene	1.729	1.643		-4.974	20.0
Acenaphthene	1.185	1.177		-0.675	20.0
Fluorene	1.462	1.440		-1.505	20.0
4,6-Dinitro-2-methylphenol	0.063	0.061		-3.175	20.0
2,4,6-Tribromophenol	0.202	0.180		-10.891	20.0
4-Bromophenyl-phenylether	0.232	0.223		-3.879	20.0
Hexachlorobenzene	0.266	0.268		0.752	20.0
Atrazine	0.185	0.169		-8.649	20.0
Pentachlorophenol	0.109	0.103		-5.505	20.0
Phenanthrene	1.102	1.076		-2.359	20.0
Anthracene	0.958	0.902		-5.846	20.0
Fluoranthene	1.235	1.188		-3.806	20.0
Pyrene	1.612	1.615		0.186	20.0
Terphenyl-d14	0.853	0.860		0.821	20.0
Benzo(a)anthracene	1.428	1.391		-2.591	20.0
Chrysene	1.412	1.476		4.533	20.0
Bis(2-ethylhexyl)phthalate	0.779	0.730		-6.29	20.0
Benzo(b)fluoranthene	1.470	1.441		-1.973	20.0
Benzo(k)fluoranthene	1.433	1.484		3.559	20.0
Benzo(a)pyrene	1.229	1.192		-3.011	20.0
Indeno(1,2,3-cd)pyrene	1.653	1.693		2.42	20.0
Dibenzo(a,h)anthracene	1.325	1.346		1.585	20.0
Benzo(g,h,i)perylene	1.437	1.454		1.183	20.0
1,4-Dioxane	0.455	0.435		-4.396	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.: BN090624 SAS No.: BN090624 SDG No.: BN090624

Instrument ID: BNA_N Calibration Date/Time: 9/7/2024 12:07:55

Lab File ID: BN033809.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	0.530		-6.36	50.0
Fluoranthene-d10	0.987	0.940		-4.762	50.0
n-Nitrosodimethylamine	0.534	0.561		5.056	50.0
2-Fluorophenol	1.225	1.093		-10.776	50.0
Phenol-d6	1.450	1.286		-11.31	50.0
bis(2-Chloroethyl)ether	1.094	1.019		-6.856	50.0
Nitrobenzene-d5	0.341	0.321		-5.865	50.0
Naphthalene	1.068	1.035		-3.09	50.0
Hexachlorobutadiene	0.222	0.227		2.252	50.0
2-Methylnaphthalene	0.655	0.623		-4.885	50.0
2-Fluorobiphenyl	1.668	1.664		-0.24	50.0
Acenaphthylene	1.729	1.630		-5.726	50.0
Acenaphthene	1.185	1.162		-1.941	50.0
Fluorene	1.462	1.440		-1.505	50.0
4,6-Dinitro-2-methylphenol	0.063	0.060		-4.762	50.0
2,4,6-Tribromophenol	0.202	0.175		-13.366	50.0
4-Bromophenyl-phenylether	0.232	0.225		-3.017	50.0
Hexachlorobenzene	0.266	0.261		-1.88	50.0
Atrazine	0.185	0.171		-7.568	50.0
Pentachlorophenol	0.109	0.095		-12.844	50.0
Phenanthrene	1.102	1.070		-2.904	50.0
Anthracene	0.958	0.903		-5.741	50.0
Fluoranthene	1.235	1.185		-4.049	50.0
Pyrene	1.612	1.554		-3.598	50.0
Terphenyl-d14	0.853	0.819		-3.986	50.0
Benzo(a)anthracene	1.428	1.334		-6.583	50.0
Chrysene	1.412	1.426		0.992	50.0
Bis(2-ethylhexyl)phthalate	0.779	0.733		-5.905	50.0
Benzo(b)fluoranthene	1.470	1.427		-2.925	50.0
Benzo(k)fluoranthene	1.433	1.460		1.884	50.0
Benzo(a)pyrene	1.229	1.152		-6.265	50.0
Indeno(1,2,3-cd)pyrene	1.653	1.669		0.968	50.0
Dibenzo(a,h)anthracene	1.325	1.337		0.906	50.0
Benzo(g,h,i)perylene	1.437	1.428		-0.626	50.0
1,4-Dioxane	0.455	0.423		-7.033	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	PB163140BL	SDG No.:	BN090624
Lab Sample ID:	PB163140BL	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BN033774.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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:	PB163140BL	SDG No.:	BN090624
Lab Sample ID:	PB163140BL	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BN033774.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.383		17-161		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.407		23-138		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.329		28-122		82	SPK: -0.4
13127-88-3	Phenol-d6	0.31		25-125		77	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.389		33-121		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.397		32-121		99	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.212		19-110		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.447		21-130		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5205	7.516				
1146-65-2	Naphthalene-d8	13227	10.271				
15067-26-2	Acenaphthene-d10	6034	14.146				
1517-22-2	Phenanthrene-d10	11355	16.904				
1719-03-5	Chrysene-d12	8284	21.112				
1520-96-3	Perylene-d12	8792	23.27				

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:	PB163141BL	SDG No.:	BN090624
Lab Sample ID:	PB163141BL	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
BN033775.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163141BL	SDG No.:	BN090624
Lab Sample ID:	PB163141BL	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
BN033775.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.384		20-139		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.415		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.328		10-100		82	SPK: -0.4
13127-88-3	Phenol-d6	0.31		10-100		77	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.388		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.403		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.215		10-131		54	SPK: -0.4
1718-51-0	Terphenyl-d14	0.444		35-157		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5507	7.516				
1146-65-2	Naphthalene-d8	13984	10.272				
15067-26-2	Acenaphthene-d10	6320	14.146				
1517-22-2	Phenanthrene-d10	12121	16.904				
1719-03-5	Chrysene-d12	9050	21.112				
1520-96-3	Perylene-d12	9505	23.268				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	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
BN033776.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	3.7	J	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.3		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	4		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	3.9		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	3.9		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	3.7		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	3.8		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	61.2		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	3.7		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3.7		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	3.7		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	3.6		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	3.5	J	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	3.9		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	3.8		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	3.7		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	3.7		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	3.7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	3.9		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4.7	J	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	3.7		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.1		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	3.6		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4.1		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3.8		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	3.8	J	2.2	6.6	6.6	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	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
BN033776.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.456		17-161		114	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.479		23-138		120	SPK: -0.4
367-12-4	2-Fluorophenol	0.251		28-122		63	SPK: -0.4
13127-88-3	Phenol-d6	0.27		25-125		68	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.303		33-121		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.303		32-121		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.242		19-110		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.308		21-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8537	7.516				
1146-65-2	Naphthalene-d8	22246	10.271				
15067-26-2	Acenaphthene-d10	10295	14.146				
1517-22-2	Phenanthrene-d10	20726	16.904				
1719-03-5	Chrysene-d12	16130	21.112				
1520-96-3	Perylene-d12	17039	23.268				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	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
BN033777.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.2		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	7.8		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	7.2		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	6.9		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	7.2		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	7		0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	7		0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	112.6		14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	7		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.7	J	4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	6.8		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	6.7		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	6.5		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	7.1		2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	7.2		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	7		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	6.9		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	6.7		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	7		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	7.2		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7.2		1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.6		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	7.3		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	7		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.4		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.3		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.8		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	7.1		2.2	6.6	6.6	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-03	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	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
BN033777.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.555		17-161		139	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.575	*	23-138		144	SPK: -0.4
367-12-4	2-Fluorophenol	0.301		28-122		75	SPK: -0.4
13127-88-3	Phenol-d6	0.334		25-125		83	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.357		33-121		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.351		32-121		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.298		19-110		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.348		21-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7845	7.516				
1146-65-2	Naphthalene-d8	21096	10.272				
15067-26-2	Acenaphthene-d10	10058	14.146				
1517-22-2	Phenanthrene-d10	20461	16.905				
1719-03-5	Chrysene-d12	16359	21.113				
1520-96-3	Perylene-d12	17559	23.268				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-09	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
BN033778.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.11	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.13		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.12		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.11		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.12		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.11		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.11		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	1.85		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.11		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	0.11		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.11		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.11		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.1	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.12		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.11		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.11		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.11		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.12		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.12		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	0.11		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.13		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.12		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.12		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.12		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.13	J	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-09	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
BN033778.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.454		20-139		113	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.474		30-150		118	SPK: -0.4
367-12-4	2-Fluorophenol	0.254		10-100		63	SPK: -0.4
13127-88-3	Phenol-d6	0.267		10-100		67	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.23		10-131		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.3		35-157		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6687	7.516				
1146-65-2	Naphthalene-d8	17491	10.271				
15067-26-2	Acenaphthene-d10	8091	14.146				
1517-22-2	Phenanthrene-d10	16288	16.904				
1719-03-5	Chrysene-d12	12777	21.112				
1520-96-3	Perylene-d12	13288	23.27				

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-09	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
BN033779.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.21		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.24		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.22		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.21		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.22		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.21		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.21		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	3.39		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.21		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.2		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.2		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.2		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.22		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.22		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.21		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.21		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.2		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.21		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.22		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.21		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.2		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.22		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.21		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.22		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.22		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.2		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.2		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT2-2024	SDG No.:	BN090624
Lab Sample ID:	P2403-09	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
BN033779.D	1	9/4/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.557		20-139		139	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.577		30-150		144	SPK: -0.4
367-12-4	2-Fluorophenol	0.304		10-100		76	SPK: -0.4
13127-88-3	Phenol-d6	0.338		10-100		84	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.357		27-123		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.297		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.345		35-157		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7591	7.516				
1146-65-2	Naphthalene-d8	20371	10.272				
15067-26-2	Acenaphthene-d10	9569	14.146				
1517-22-2	Phenanthrene-d10	19181	16.905				
1719-03-5	Chrysene-d12	15388	21.113				
1520-96-3	Perylene-d12	16331	23.271				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BN090624		
Lab Sample ID:	IDOC-01			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		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
BN033780.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	350		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	350		28	100	100	ug/L
91-20-3	Naphthalene	340		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	330		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	340		30	100	100	ug/L
208-96-8	Acenaphthylene	340		21	100	100	ug/L
83-32-9	Acenaphthene	350		20	100	100	ug/L
Total PAH	Total PAH	5460		456	100	1600	ug/L
86-73-7	Fluorene	340		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	290		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	320		26	100	100	ug/L
118-74-1	Hexachlorobenzene	330		29	100	100	ug/L
1912-24-9	Atrazine	310		23	100	100	ug/L
87-86-5	Pentachlorophenol	510		90	200	200	ug/L
85-01-8	Phenanthrene	340		20	100	100	ug/L
120-12-7	Anthracene	340		24	100	100	ug/L
206-44-0	Fluoranthene	320		23	100	100	ug/L
129-00-0	Pyrene	320		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	350		22	100	100	ug/L
218-01-9	Chrysene	350		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	330		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	330		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	350		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	380		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	350		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	340		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	320		37	100	100	ug/L
123-91-1	1,4-Dioxane	290		68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-01			SDG No.:	BN090624		
Lab Sample ID:	IDOC-01			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033780.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	386	*	20-139		96500	SPK: -0.4
93951-69-0	Fluoranthene-d10	320	*	30-150		80000	SPK: -0.4
367-12-4	2-Fluorophenol	277	*	10-100		69250	SPK: -0.4
13127-88-3	Phenol-d6	266	*	10-100		66500	SPK: -0.4
4165-60-0	Nitrobenzene-d5	322	*	27-123		80500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	341	*	34-132		85250	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	236	*	10-131		59000	SPK: -0.4
1718-51-0	Terphenyl-d14	328	*	35-157		82000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5367		7.516			
1146-65-2	Naphthalene-d8	13822		10.271			
15067-26-2	Acenaphthene-d10	6415		14.146			
1517-22-2	Phenanthrene-d10	12492		16.904			
1719-03-5	Chrysene-d12	9796		21.112			
1520-96-3	Perylene-d12	9954		23.273			

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-01	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
BN033781.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

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	0.08	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	0.04	J	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	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	0.16	J	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	38	E	0.07	0.21	0.21	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-01	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
BN033781.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.413		20-139		103	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.56		30-150		140	SPK: -0.4
367-12-4	2-Fluorophenol	0.158		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.093		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.402		27-123		100	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.425		34-132		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.347		10-131		87	SPK: -0.4
1718-51-0	Terphenyl-d14	0.682	*	35-157		170	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3702	7.516				
1146-65-2	Naphthalene-d8	9334	10.271				
15067-26-2	Acenaphthene-d10	4428	14.146				
1517-22-2	Phenanthrene-d10	8556	16.904				
1719-03-5	Chrysene-d12	6369	21.112				
1520-96-3	Perylene-d12	6501	23.271				

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024MS	SDG No.:	BN090624
Lab Sample ID:	P3815-02MS	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	890 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
BN033782.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.17	J	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.4		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.29		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	7.31		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.38		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.4		0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.35		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.42		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.63		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.46		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.45		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.47		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.45		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.45		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.47		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.42		0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.51		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.52		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.52		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.51		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.51		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	27.3	E	0.08	0.22	0.22	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024MS	SDG No.:	BN090624
Lab Sample ID:	P3815-02MS	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	890 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
BN033782.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

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	0.382		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.113		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.072		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.285		27-123		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.294		34-132		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.262		10-131		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.393		35-157		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4642	7.516				
1146-65-2	Naphthalene-d8	11946	10.272				
15067-26-2	Acenaphthene-d10	5633	14.146				
1517-22-2	Phenanthrene-d10	11039	16.905				
1719-03-5	Chrysene-d12	9219	21.113				
1520-96-3	Perylene-d12	8431	23.271				

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024MSD	SDG No.:	BN090624
Lab Sample ID:	P3815-03MSD	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
BN033783.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.17	J	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.41		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.37		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.37		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	7.64		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.39		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.41		0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.44		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.64		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.48		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.46		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.49		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.47		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.47		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.5		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.45		0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.54		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.54		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.55		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.54		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.54		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.5		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	27.9	E	0.07	0.22	0.22	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024MSD	SDG No.:	BN090624
Lab Sample ID:	P3815-03MSD	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
BN033783.D	1	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.359		20-139		90	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.4		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.12		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0.075		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.294		27-123		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.308		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.282		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.421		35-157		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4461	7.516				
1146-65-2	Naphthalene-d8	11410	10.272				
15067-26-2	Acenaphthene-d10	5332	14.146				
1517-22-2	Phenanthrene-d10	10557	16.905				
1719-03-5	Chrysene-d12	8633	21.113				
1520-96-3	Perylene-d12	7937	23.268				

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024DL	SDG No.:	BN090624
Lab Sample ID:	P3815-01DL	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
BN033784.D	20	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.63	U	0.63	4.2	4.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.58	U	0.58	2.1	2.1	ug/L
91-20-3	Naphthalene	0.5	U	0.5	2.1	2.1	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	2.1	2.1	ug/L
91-57-6	2-Methylnaphthalene	0.63	U	0.63	2.1	2.1	ug/L
208-96-8	Acenaphthylene	0.44	U	0.44	2.1	2.1	ug/L
83-32-9	Acenaphthene	0.42	U	0.42	2.1	2.1	ug/L
Total PAH	Total PAH	9.55	U	9.55	2.1	33.6	ug/L
86-73-7	Fluorene	0.38	U	0.38	2.1	2.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.9	U	2.9	4.2	4.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.54	U	0.54	2.1	2.1	ug/L
118-74-1	Hexachlorobenzene	0.6	U	0.6	2.1	2.1	ug/L
1912-24-9	Atrazine	0.48	U	0.48	2.1	2.1	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	4.2	4.2	ug/L
85-01-8	Phenanthrene	0.42	U	0.42	2.1	2.1	ug/L
120-12-7	Anthracene	0.5	U	0.5	2.1	2.1	ug/L
206-44-0	Fluoranthene	0.48	U	0.48	2.1	2.1	ug/L
129-00-0	Pyrene	0.46	U	0.46	2.1	2.1	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	2.1	2.1	ug/L
218-01-9	Chrysene	0.54	U	0.54	2.1	2.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4.2	4.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.67	U	0.67	2.1	2.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.71	U	0.71	2.1	2.1	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	1.2	2.1	2.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.79	U	0.79	2.1	2.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.81	U	0.81	2.1	2.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.77	U	0.77	2.1	2.1	ug/L
123-91-1	1,4-Dioxane	38.9	D	1.4	4.2	4.2	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OWBR-05-134.8-083024DL	SDG No.:	BN090624
Lab Sample ID:	P3815-01DL	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
BN033784.D	20	9/3/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.38		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.52		30-150		130	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	0.44		27-123		110	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.38		34-132		95	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.42		10-131		105	SPK: -0.4
1718-51-0	Terphenyl-d14	0.64	*	35-157		160	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3330	7.516				
1146-65-2	Naphthalene-d8	8341	10.272				
15067-26-2	Acenaphthene-d10	3809	14.146				
1517-22-2	Phenanthrene-d10	7355	16.905				
1719-03-5	Chrysene-d12	5370	21.113				
1520-96-3	Perylene-d12	5706	23.274				

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:	BR-04DR-451-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-01	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
BN033785.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

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	0.12		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	J	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	2.1		0.07	0.2	0.2	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:	BR-04DR-451-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-01	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
BN033785.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.402		20-139		100	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.442		30-150		111	SPK: -0.4
367-12-4	2-Fluorophenol	0.116		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.084		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.388		27-123		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.392		34-132		98	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.348		10-131		87	SPK: -0.4
1718-51-0	Terphenyl-d14	0.48		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4158	7.516				
1146-65-2	Naphthalene-d8	10638	10.272				
15067-26-2	Acenaphthene-d10	5168	14.146				
1517-22-2	Phenanthrene-d10	10430	16.904				
1719-03-5	Chrysene-d12	7924	21.112				
1520-96-3	Perylene-d12	8124	23.268				

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-65.5-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033786.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	23	E	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:	OW-07B-65.5-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-02	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
BN033786.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.358		20-139		90	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.441		30-150		110	SPK: -0.4
367-12-4	2-Fluorophenol	0.137		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.105		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.363		27-123		91	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.377		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.301		10-131		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.488		35-157		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4018	7.516				
1146-65-2	Naphthalene-d8	10176	10.272				
15067-26-2	Acenaphthene-d10	4676	14.146				
1517-22-2	Phenanthrene-d10	9210	16.904				
1719-03-5	Chrysene-d12	7077	21.112				
1520-96-3	Perylene-d12	7419	23.268				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BN090624		
Lab Sample ID:	IDOC-02			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033787.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	410		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		28	100	100	ug/L
91-20-3	Naphthalene	390		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	380		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	390		30	100	100	ug/L
208-96-8	Acenaphthylene	400		21	100	100	ug/L
83-32-9	Acenaphthene	400		20	100	100	ug/L
Total PAH	Total PAH	6500		456	100	1600	ug/L
86-73-7	Fluorene	390		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	380		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	390		26	100	100	ug/L
118-74-1	Hexachlorobenzene	390		29	100	100	ug/L
1912-24-9	Atrazine	380		23	100	100	ug/L
87-86-5	Pentachlorophenol	550		90	200	200	ug/L
85-01-8	Phenanthrene	400		20	100	100	ug/L
120-12-7	Anthracene	400		24	100	100	ug/L
206-44-0	Fluoranthene	380		23	100	100	ug/L
129-00-0	Pyrene	400		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	400		22	100	100	ug/L
218-01-9	Chrysene	430		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	380		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	400		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	440		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	420		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	390		37	100	100	ug/L
123-91-1	1,4-Dioxane	330		68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-02			SDG No.:	BN090624		
Lab Sample ID:	IDOC-02			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033787.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	471	*	20-139		117750	SPK: -0.4
93951-69-0	Fluoranthene-d10	375	*	30-150		93750	SPK: -0.4
367-12-4	2-Fluorophenol	313	*	10-100		78250	SPK: -0.4
13127-88-3	Phenol-d6	306	*	10-100		76500	SPK: -0.4
4165-60-0	Nitrobenzene-d5	373	*	27-123		93250	SPK: -0.4
321-60-8	2-Fluorobiphenyl	396	*	34-132		99000	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	283	*	10-131		70750	SPK: -0.4
1718-51-0	Terphenyl-d14	400	*	35-157		100000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4406		7.516			
1146-65-2	Naphthalene-d8	11375		10.271			
15067-26-2	Acenaphthene-d10	5189		14.146			
1517-22-2	Phenanthrene-d10	10000		16.904			
1719-03-5	Chrysene-d12	7497		21.112			
1520-96-3	Perylene-d12	7770		23.268			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03	SDG No.:	BN090624				
Lab Sample ID:	IDOC-03	Matrix:	Water				
Analytical Method:	8270-Modified	% Moisture:	100				
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033788.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	410		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		28	100	100	ug/L
91-20-3	Naphthalene	390		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	390		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	390		30	100	100	ug/L
208-96-8	Acenaphthylene	400		21	100	100	ug/L
83-32-9	Acenaphthene	410		20	100	100	ug/L
Total PAH	Total PAH	6530		456	100	1600	ug/L
86-73-7	Fluorene	400		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	380		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	390		26	100	100	ug/L
118-74-1	Hexachlorobenzene	390		29	100	100	ug/L
1912-24-9	Atrazine	380		23	100	100	ug/L
87-86-5	Pentachlorophenol	600		90	200	200	ug/L
85-01-8	Phenanthrene	410		20	100	100	ug/L
120-12-7	Anthracene	410		24	100	100	ug/L
206-44-0	Fluoranthene	380		23	100	100	ug/L
129-00-0	Pyrene	400		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	400		22	100	100	ug/L
218-01-9	Chrysene	430		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	380		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	410		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	420		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	430		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	390		37	100	100	ug/L
123-91-1	1,4-Dioxane	330		68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-03			SDG No.:	BN090624		
Lab Sample ID:	IDOC-03			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033788.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	459	*	20-139		114750	SPK: -0.4
93951-69-0	Fluoranthene-d10	377	*	30-150		94250	SPK: -0.4
367-12-4	2-Fluorophenol	314	*	10-100		78500	SPK: -0.4
13127-88-3	Phenol-d6	306	*	10-100		76500	SPK: -0.4
4165-60-0	Nitrobenzene-d5	378	*	27-123		94500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	403	*	34-132		100750	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	288	*	10-131		72000	SPK: -0.4
1718-51-0	Terphenyl-d14	401	*	35-157		100250	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4415		7.516			
1146-65-2	Naphthalene-d8	11448		10.272			
15067-26-2	Acenaphthene-d10	5195		14.146			
1517-22-2	Phenanthrene-d10	10029		16.905			
1719-03-5	Chrysene-d12	7542		21.113			
1520-96-3	Perylene-d12	7787		23.265			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04	SDG No.:	BN090624				
Lab Sample ID:	IDOC-04	Matrix:	Water				
Analytical Method:	8270-Modified	% Moisture:	100				
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033789.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		28	100	100	ug/L
91-20-3	Naphthalene	390		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	400		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	390		30	100	100	ug/L
208-96-8	Acenaphthylene	400		21	100	100	ug/L
83-32-9	Acenaphthene	410		20	100	100	ug/L
Total PAH	Total PAH	6520		456	100	1600	ug/L
86-73-7	Fluorene	390		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	370		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	380		26	100	100	ug/L
118-74-1	Hexachlorobenzene	400		29	100	100	ug/L
1912-24-9	Atrazine	380		23	100	100	ug/L
87-86-5	Pentachlorophenol	580		90	200	200	ug/L
85-01-8	Phenanthrene	410		20	100	100	ug/L
120-12-7	Anthracene	400		24	100	100	ug/L
206-44-0	Fluoranthene	380		23	100	100	ug/L
129-00-0	Pyrene	390		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	390		22	100	100	ug/L
218-01-9	Chrysene	420		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	370		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	400		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	440		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	440		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	400		37	100	100	ug/L
123-91-1	1,4-Dioxane	330		68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	IDOC-04			SDG No.:	BN090624		
Lab Sample ID:	IDOC-04			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033789.D	1		9/6/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	458	*	20-139		114500	SPK: -0.4
93951-69-0	Fluoranthene-d10	375	*	30-150		93750	SPK: -0.4
367-12-4	2-Fluorophenol	313	*	10-100		78250	SPK: -0.4
13127-88-3	Phenol-d6	304	*	10-100		76000	SPK: -0.4
4165-60-0	Nitrobenzene-d5	382	*	27-123		95500	SPK: -0.4
321-60-8	2-Fluorobiphenyl	398	*	34-132		99500	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	283	*	10-131		70750	SPK: -0.4
1718-51-0	Terphenyl-d14	393	*	35-157		98250	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4272		7.516			
1146-65-2	Naphthalene-d8	11003		10.271			
15067-26-2	Acenaphthene-d10	5011		14.146			
1517-22-2	Phenanthrene-d10	9677		16.904			
1719-03-5	Chrysene-d12	7380		21.112			
1520-96-3	Perylene-d12	7509		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:	PB163168BL	SDG No.:	BN090624
Lab Sample ID:	PB163168BL	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
BN033793.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163168BL	SDG No.:	BN090624
Lab Sample ID:	PB163168BL	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
BN033793.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.386		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.404		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.328		10-100		82	SPK: -0.4
13127-88-3	Phenol-d6	0.306		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.393		27-123		98	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.401		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.238		10-131		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.434		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3961	7.516				
1146-65-2	Naphthalene-d8	9923	10.272				
15067-26-2	Acenaphthene-d10	4521	14.146				
1517-22-2	Phenanthrene-d10	8591	16.904				
1719-03-5	Chrysene-d12	6342	21.112				
1520-96-3	Perylene-d12	6604	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:	PB163168BS	SDG No.:	BN090624
Lab Sample ID:	PB163168BS	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
BN033794.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.58		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.4		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.37		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.38		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.39		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	0.58		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.4		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		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	0.39		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		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	0.4		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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163168BS	SDG No.:	BN090624
Lab Sample ID:	PB163168BS	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
BN033794.D	1	9/5/2024 12:00:00 AM	9/6/2024 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	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.309		10-100		77	SPK: -0.4
13127-88-3	Phenol-d6	0.302		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.377		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.405		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.295		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.41		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4100	7.516				
1146-65-2	Naphthalene-d8	10577	10.272				
15067-26-2	Acenaphthene-d10	4723	14.146				
1517-22-2	Phenanthrene-d10	9268	16.904				
1719-03-5	Chrysene-d12	6695	21.112				
1520-96-3	Perylene-d12	7016	23.262				

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:	PB163168BSD	SDG No.:	BN090624
Lab Sample ID:	PB163168BSD	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
BN033795.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.44		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.4		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.4		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.51		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		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	0.39		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.38		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.38		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	0.41		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	0.38		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.39		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		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	0.37		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		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	0.4		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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	PB163168BSD	SDG No.:	BN090624
Lab Sample ID:	PB163168BSD	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
BN033795.D	1	9/5/2024 12:00:00 AM	9/6/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.441		20-139		110	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.371		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.305		10-100		76	SPK: -0.4
13127-88-3	Phenol-d6	0.297		10-100		74	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.378		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.399		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.275		10-131		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.388		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4192	7.516				
1146-65-2	Naphthalene-d8	10611	10.271				
15067-26-2	Acenaphthene-d10	4864	14.146				
1517-22-2	Phenanthrene-d10	9298	16.904				
1719-03-5	Chrysene-d12	7105	21.112				
1520-96-3	Perylene-d12	7055	23.268				

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:	PB163098BS	SDG No.:	BN090624
Lab Sample ID:	PB163098BS	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
BN033796.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.4		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.55		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		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	0.38		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.38		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	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.41		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		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	0.38		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		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	0.44		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	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.2	0.2	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:	PB163098BS	SDG No.:	BN090624
Lab Sample ID:	PB163098BS	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
BN033796.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.442		20-139		111	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.369		30-150		92	SPK: -0.4
367-12-4	2-Fluorophenol	0.307		10-100		77	SPK: -0.4
13127-88-3	Phenol-d6	0.296		10-100		74	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.372		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.4		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.274		10-131		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.405		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4089	7.516				
1146-65-2	Naphthalene-d8	10510	10.272				
15067-26-2	Acenaphthene-d10	4755	14.146				
1517-22-2	Phenanthrene-d10	9156	16.905				
1719-03-5	Chrysene-d12	6684	21.113				
1520-96-3	Perylene-d12	6940	23.268				

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OW-05B-71.7-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-04	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
BN033797.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

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	0.06	J	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	0.12		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	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.2		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	OW-05B-71.7-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-04	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
BN033797.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.3		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.409		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.109		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.069		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.301		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.309		10-131		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.452		35-157		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3823	7.516				
1146-65-2	Naphthalene-d8	9724	10.271				
15067-26-2	Acenaphthene-d10	4459	14.146				
1517-22-2	Phenanthrene-d10	8706	16.904				
1719-03-5	Chrysene-d12	6633	21.112				
1520-96-3	Perylene-d12	6704	23.265				

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	MW-10A-9.5-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-05	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
BN033798.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

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	0.16	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	0.24		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	8/30/2024 12:00:00 AM
Project:		Date Received:	8/30/2024 12:00:00 AM
Client Sample ID:	MW-10A-9.5-083024	SDG No.:	BN090624
Lab Sample ID:	P3815-05	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
BN033798.D	1	9/3/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.241		20-139		60	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.329		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.072		10-100		18	SPK: -0.4
13127-88-3	Phenol-d6	0.049		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.236		27-123		59	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.263		34-132		66	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.186		10-131		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.341		35-157		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4047	7.516				
1146-65-2	Naphthalene-d8	10231	10.272				
15067-26-2	Acenaphthene-d10	4602	14.146				
1517-22-2	Phenanthrene-d10	9318	16.904				
1719-03-5	Chrysene-d12	7566	21.112				
1520-96-3	Perylene-d12	7376	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:	MW-11B-37.5-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-03	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033799.D	1	9/5/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	24.8	E	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:	MW-11B-37.5-090424	SDG No.:	BN090624
Lab Sample ID:	P3841-03	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
BN033799.D	1	9/5/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.38		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.47		30-150		117	SPK: -0.4
367-12-4	2-Fluorophenol	0.127		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.08		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.376		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.402		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.354		10-131		88	SPK: -0.4
1718-51-0	Terphenyl-d14	0.5		35-157		125	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3992	7.516				
1146-65-2	Naphthalene-d8	10087	10.272				
15067-26-2	Acenaphthene-d10	4571	14.146				
1517-22-2	Phenanthrene-d10	9107	16.904				
1719-03-5	Chrysene-d12	7034	21.112				
1520-96-3	Perylene-d12	7349	23.268				

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:	PB163149BL	SDG No.:	BN090624
Lab Sample ID:	PB163149BL	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
BN033800.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

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:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163149BL	SDG No.:	BN090624
Lab Sample ID:	PB163149BL	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
BN033800.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.377		20-139		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.396		30-150		99	SPK: -0.4
367-12-4	2-Fluorophenol	0.318		10-100		79	SPK: -0.4
13127-88-3	Phenol-d6	0.301		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.385		27-123		96	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.396		34-132		99	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.219		10-131		55	SPK: -0.4
1718-51-0	Terphenyl-d14	0.391		35-157		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4450	7.516				
1146-65-2	Naphthalene-d8	11034	10.272				
15067-26-2	Acenaphthene-d10	4961	14.146				
1517-22-2	Phenanthrene-d10	9488	16.904				
1719-03-5	Chrysene-d12	7747	21.112				
1520-96-3	Perylene-d12	7439	23.268				

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:	PB163149BS	SDG No.:	BN090624
Lab Sample ID:	PB163149BS	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
BN033801.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.42		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.54		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.4		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.41		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.39		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.39		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.38		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	0.4		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	0.38		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	0.42		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.39		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		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	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.2	0.2	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:	PB163149BS	SDG No.:	BN090624
Lab Sample ID:	PB163149BS	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
BN033801.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.49		20-139		123	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.372		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.313		10-100		78	SPK: -0.4
13127-88-3	Phenol-d6	0.301		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.372		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.403		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.29		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.405		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4431	7.509				
1146-65-2	Naphthalene-d8	11347	10.272				
15067-26-2	Acenaphthene-d10	5133	14.146				
1517-22-2	Phenanthrene-d10	9897	16.904				
1719-03-5	Chrysene-d12	7332	21.112				
1520-96-3	Perylene-d12	7520	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:	PB163149BSD	SDG No.:	BN090624
Lab Sample ID:	PB163149BSD	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
BN033802.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.41		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.59		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.4		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.4		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.39		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.39		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	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.41		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		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	0.39		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.43		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		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	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.2	0.2	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:	PB163149BSD	SDG No.:	BN090624
Lab Sample ID:	PB163149BSD	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
BN033802.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.485		20-139		121	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.377		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.312		10-100		78	SPK: -0.4
13127-88-3	Phenol-d6	0.302		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.382		27-123		95	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.404		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.293		10-131		73	SPK: -0.4
1718-51-0	Terphenyl-d14	0.408		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4368	7.509				
1146-65-2	Naphthalene-d8	11230	10.271				
15067-26-2	Acenaphthene-d10	5068	14.146				
1517-22-2	Phenanthrene-d10	9664	16.904				
1719-03-5	Chrysene-d12	7246	21.112				
1520-96-3	Perylene-d12	7548	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-76.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-01	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
BN033803.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

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	7.8	E	0.07	0.2	0.2	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-76.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-01	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
BN033803.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.339		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.433		30-150		108	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	0.34		27-123		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.372		34-132		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.334		10-131		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.452		35-157		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4029	7.509				
1146-65-2	Naphthalene-d8	10134	10.272				
15067-26-2	Acenaphthene-d10	4617	14.146				
1517-22-2	Phenanthrene-d10	9170	16.904				
1719-03-5	Chrysene-d12	7710	21.112				
1520-96-3	Perylene-d12	7320	23.265				

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-489.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-02	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
BN033804.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

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	0.11		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	J	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	15.8	E	0.08	0.22	0.22	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-489.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-02	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
BN033804.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.313		20-139		78	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.405		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.131		10-100		33	SPK: -0.4
13127-88-3	Phenol-d6	0.081		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.314		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.329		34-132		82	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.338		10-131		84	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	4176	7.509				
1146-65-2	Naphthalene-d8	10622	10.272				
15067-26-2	Acenaphthene-d10	5019	14.146				
1517-22-2	Phenanthrene-d10	10100	16.905				
1719-03-5	Chrysene-d12	7597	21.113				
1520-96-3	Perylene-d12	8032	23.265				

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-04B-26.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-03	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
BN033805.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

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:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	OW-04B-26.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-03	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
BN033805.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.323		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.411		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.106		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.062		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.338		27-123		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.355		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.311		10-131		78	SPK: -0.4
1718-51-0	Terphenyl-d14	0.433		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4409	7.509				
1146-65-2	Naphthalene-d8	11232	10.271				
15067-26-2	Acenaphthene-d10	4971	14.146				
1517-22-2	Phenanthrene-d10	9956	16.904				
1719-03-5	Chrysene-d12	7749	21.112				
1520-96-3	Perylene-d12	7724	23.265				

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:	MW-11A-13.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033806.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.8		0.07	0.2	0.2	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:	MW-11A-13.5-090324	SDG No.:	BN090624
Lab Sample ID:	P3827-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033806.D	1	9/4/2024 12:00:00 AM	9/7/2024 12:00:00 AM	PB163149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.309		20-139		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.428		30-150		107	SPK: -0.4
367-12-4	2-Fluorophenol	0.124		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.074		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.31		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.33		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.322		10-131		81	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	4229	7.509				
1146-65-2	Naphthalene-d8	10872	10.271				
15067-26-2	Acenaphthene-d10	4910	14.146				
1517-22-2	Phenanthrene-d10	9777	16.904				
1719-03-5	Chrysene-d12	7588	21.112				
1520-96-3	Perylene-d12	8026	23.265				

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6615			SDG No.:	BN090624		
Lab Sample ID:	SP6615			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033807.D	1		9/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	30	U	30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	28	U	28	100	100	ug/L
91-20-3	Naphthalene	24	U	24	100	100	ug/L
87-68-3	Hexachlorobutadiene	26	U	26	100	100	ug/L
91-57-6	2-Methylnaphthalene	30	U	30	100	100	ug/L
208-96-8	Acenaphthylene	21	U	21	100	100	ug/L
83-32-9	Acenaphthene	20	U	20	100	100	ug/L
Total PAH	Total PAH	456	U	456	100	1600	ug/L
86-73-7	Fluorene	18	U	18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	26	U	26	100	100	ug/L
118-74-1	Hexachlorobenzene	29	U	29	100	100	ug/L
1912-24-9	Atrazine	23	U	23	100	100	ug/L
87-86-5	Pentachlorophenol	90	U	90	200	200	ug/L
85-01-8	Phenanthrene	20	U	20	100	100	ug/L
120-12-7	Anthracene	24	U	24	100	100	ug/L
206-44-0	Fluoranthene	23	U	23	100	100	ug/L
129-00-0	Pyrene	22	U	22	100	100	ug/L
56-55-3	Benzo(a)anthracene	22	U	22	100	100	ug/L
218-01-9	Chrysene	26	U	26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	32	U	32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	34	U	34	100	100	ug/L
50-32-8	Benzo(a)pyrene	56	U	56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	39	U	39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	37	U	37	100	100	ug/L
123-91-1	1,4-Dioxane	68	U	68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6615			SDG No.:	BN090624		
Lab Sample ID:	SP6615			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033807.D	1		9/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	400	*	20-139		100000	SPK: -0.4
93951-69-0	Fluoranthene-d10	402	*	30-150		100500	SPK: -0.4
367-12-4	2-Fluorophenol	316	*	10-100		79000	SPK: -0.4
13127-88-3	Phenol-d6	296	*	10-100		74000	SPK: -0.4
4165-60-0	Nitrobenzene-d5	383	*	27-123		95750	SPK: -0.4
321-60-8	2-Fluorobiphenyl	402	*	34-132		100500	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	236	*	10-131		59000	SPK: -0.4
1718-51-0	Terphenyl-d14	439	*	35-157		109750	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4775		7.509			
1146-65-2	Naphthalene-d8	12151		10.271			
15067-26-2	Acenaphthene-d10	5475		14.146			
1517-22-2	Phenanthrene-d10	10444		16.904			
1719-03-5	Chrysene-d12	7518		21.112			
1520-96-3	Perylene-d12	8027		23.262			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6616			SDG No.:	BN090624		
Lab Sample ID:	SP6616			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		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
BN033808.D	1		9/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		28	100	100	ug/L
91-20-3	Naphthalene	400		24	100	100	ug/L
87-68-3	Hexachlorobutadiene	400		26	100	100	ug/L
91-57-6	2-Methylnaphthalene	400		30	100	100	ug/L
208-96-8	Acenaphthylene	400		21	100	100	ug/L
83-32-9	Acenaphthene	410		20	100	100	ug/L
Total PAH	Total PAH	6510		456	100	1600	ug/L
86-73-7	Fluorene	390		18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	390		140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	390		26	100	100	ug/L
118-74-1	Hexachlorobenzene	400		29	100	100	ug/L
1912-24-9	Atrazine	380		23	100	100	ug/L
87-86-5	Pentachlorophenol	620		90	200	200	ug/L
85-01-8	Phenanthrene	410		20	100	100	ug/L
120-12-7	Anthracene	410		24	100	100	ug/L
206-44-0	Fluoranthene	370		23	100	100	ug/L
129-00-0	Pyrene	420		22	100	100	ug/L
56-55-3	Benzo(a)anthracene	400		22	100	100	ug/L
218-01-9	Chrysene	440		26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	370		140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	390		32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	410		34	100	100	ug/L
50-32-8	Benzo(a)pyrene	430		56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	390		37	100	100	ug/L
123-91-1	1,4-Dioxane	400		68	200	200	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6616			SDG No.:	BN090624		
Lab Sample ID:	SP6616			Matrix:	Water		
Analytical Method:	8270-Modified			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN033808.D	1		9/7/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	20-139		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	0	U	10-100		0	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0	U	27-123		0	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0	U	34-132		0	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0	U	10-131		0	SPK: -0.4
1718-51-0	Terphenyl-d14	0	U	35-157		0	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4741		7.509			
1146-65-2	Naphthalene-d8	12062		10.272			
15067-26-2	Acenaphthene-d10	5549		14.146			
1517-22-2	Phenanthrene-d10	10386		16.892			
1719-03-5	Chrysene-d12	7402		21.112			
1520-96-3	Perylene-d12	7890		23.265			

Hit Summary Sheet SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-SOIL-03-QT2-2024								
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dioxane	3.800	J	2.2	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylnaphthalene	3.900		0.8	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Bromophenyl-phenylether	3.700		0.79	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthene	3.800		0.55	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthylene	3.700		0.63	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Anthracene	3.800		0.79	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Atrazine	3.600		0.76	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)anthracene	3.700		0.76	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)pyrene	3.600		1.7	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(b)fluoranthene	3.700		1.2	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(g,h,i)perylene	3.800		1.1	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(k)fluoranthene	4.100		0.98	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	bis(2-Chloroethyl)ether	4.300		0.85	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Bis(2-ethylhexyl)phthalate	4.700	J	1.5	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Chrysene	3.900		0.86	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzo(a,h)anthracene	4.000		1.2	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluoranthene	3.700		0.67	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluorene	3.700		0.6	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobenzene	3.700		0.85	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobutadiene	3.900		0.69	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Indeno(1,2,3-cd)pyrene	4.100		1.3	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodimethylamine	3.700	J	1.3	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Naphthalene	4.000		0.69	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pentachlorophenol	3.500	J	2.8	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenanthrene	3.900		0.63	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyrene	3.700		0.95	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Total PAH	61.200		14.61	52.8	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	1,4-Dioxane	7.100		2.2	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	2-Methylnaphthalene	7.200		0.8	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4,6-Dinitro-2-methylphenol	5.700	J	4.2	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	4-Bromophenyl-phenylether	6.800		0.79	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthene	7.000		0.55	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Acenaphthylene	7.000		0.63	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Anthracene	7.000		0.79	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Atrazine	6.500		0.76	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)anthracene	7.000		0.76	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(a)pyrene	7.000		1.7	3.3	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(b)fluoranthene	6.600		1.2	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(g,h,i)perylene	6.800		1.1	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Benzo(k)fluoranthene	7.300		0.98	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	bis(2-Chloroethyl)ether	7.800		0.85	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Bis(2-ethylhexyl)phthalate	7.200		1.5	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Chrysene	7.200		0.86	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Dibenzo(a,h)anthracene	7.300		1.2	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluoranthene	6.900		0.67	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Fluorene	7.000		0.6	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobenzene	6.700		0.85	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Hexachlorobutadiene	6.900		0.69	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Indeno(1,2,3-cd)pyrene	7.400		1.3	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	n-Nitrosodimethylamine	7.200		1.3	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Naphthalene	7.200		0.69	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pentachlorophenol	7.100		2.8	6.6	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Phenanthrene	7.200		0.63	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Pyrene	6.700		0.95	3.3	ug/Kg
P2403-03	MDL-SOIL-03-QT2-2024	Solid	Total PAH	112.000		14.61	52.8	ug/Kg

Total Svoc :

462.00

Total Concentration:

462.00

Client ID : MDL-WATER-03-QT2-2024

P2403-09	MDL-WATER-03-QT2-2024	Water	1,4-Dioxane	0.130	J	0.07	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	2-Methylnaphthalene	0.120		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	4-Bromophenyl-phenylether	0.110		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Acenaphthene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Acenaphthylene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Anthracene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Atrazine	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Benzo(a)anthracene	0.120		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Benzo(a)pyrene	0.120		0.06	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Benzo(b)fluoranthene	0.110		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Benzo(g,h,i)perylene	0.110		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Benzo(k)fluoranthene	0.130		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	bis(2-Chloroethyl)ether	0.130		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Chrysene	0.120		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Dibenzo(a,h)anthracene	0.120		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Fluoranthene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Fluorene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2024	Water	Hexachlorobenzene	0.110		0.03	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	0.110		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	0.120		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	0.110	J	0.03	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	0.120		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	0.100	J	0.09	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	0.120		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	0.110		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	1.850		0.45	1.6	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	1,4-Dioxane	0.200		0.07	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	2-Methylnaphthalene	0.220		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4,6-Dinitro-2-methylphenol	0.170	J	0.14	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	4-Bromophenyl-phenylether	0.200		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Acenaphthylene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Anthracene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Atrazine	0.200		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)anthracene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(a)pyrene	0.210		0.06	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(b)fluoranthene	0.200		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(g,h,i)perylene	0.200		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Benzo(k)fluoranthene	0.220		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	bis(2-Chloroethyl)ether	0.240		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Bis(2-ethylhexyl)phthalate	0.210		0.14	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Chrysene	0.220		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Dibenzo(a,h)anthracene	0.220		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluoranthene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Fluorene	0.210		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobenzene	0.200		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Hexachlorobutadiene	0.210		0.03	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Indeno(1,2,3-cd)pyrene	0.220		0.04	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	n-Nitrosodimethylamine	0.210		0.03	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Naphthalene	0.220		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pentachlorophenol	0.220		0.09	0.2	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Phenanthrene	0.220		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Pyrene	0.200		0.02	0.1	ug/L
P2403-09	MDL-WATER-03-QT2-2\ Water	Total PAH	3.390		0.45	1.6	ug/L

Total Svoc :

13.94

Total Concentration:

13.94

Client ID : OWBR-05-134.8-083024

P3815-01	OWBR-05-134.8-083024 Water	1,4-Dioxane	38.000	E	0.07	0.21	ug/L
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Hit Summary Sheet SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3815-01	OWBR-05-134.8-083024	Water	2-Methylnaphthalene	0.040	J	0.03	0.1 ug/L
P3815-01	OWBR-05-134.8-083024	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.15	0.21 ug/L
P3815-01	OWBR-05-134.8-083024	Water	Naphthalene	0.080	J	0.03	0.1 ug/L
P3815-01	OWBR-05-134.8-083024	Water	Phenanthrene	0.020	J	0.02	0.1 ug/L
Total Svoc :				38.30			
Total Concentration:				38.30			
Client ID : OWBR-05-134.8-083024DL							
P3815-01DL	OWBR-05-134.8-083024	Water	1,4-Dioxane	38.900	D	1.4	4.2 ug/L
Total Svoc :				38.90			
Total Concentration:				38.90			
Client ID : OW-05B-71.7-083024							
P3815-04	OW-05B-71.7-083024	Water	1,4-Dioxane	1.200		0.07	0.2 ug/L
P3815-04	OW-05B-71.7-083024	Water	Benzo(a)anthracene	0.020	J	0.02	0.1 ug/L
P3815-04	OW-05B-71.7-083024	Water	Fluoranthene	0.030	J	0.02	0.1 ug/L
P3815-04	OW-05B-71.7-083024	Water	Fluorene	0.060	J	0.02	0.1 ug/L
P3815-04	OW-05B-71.7-083024	Water	Phenanthrene	0.120		0.02	0.1 ug/L
P3815-04	OW-05B-71.7-083024	Water	Pyrene	0.030	J	0.02	0.1 ug/L
Total Svoc :				1.46			
Total Concentration:				1.46			
Client ID : MW-10A-9.5-083024							
P3815-05	MW-10A-9.5-083024	Water	1,4-Dioxane	0.240		0.07	0.2 ug/L
P3815-05	MW-10A-9.5-083024	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.14	0.2 ug/L
Total Svoc :				0.40			
Total Concentration:				0.40			
Client ID : OW-06B-76.5-090324							
P3827-01	OW-06B-76.5-090324	Water	1,4-Dioxane	7.800	E	0.07	0.2 ug/L
Total Svoc :				7.80			
Total Concentration:				7.80			
Client ID : BR-03D-489.5-090324							
P3827-02	BR-03D-489.5-090324	Water	1,4-Dioxane	15.800	E	0.08	0.22 ug/L
P3827-02	BR-03D-489.5-090324	Water	2-Methylnaphthalene	0.030	J	0.03	0.11 ug/L
P3827-02	BR-03D-489.5-090324	Water	Naphthalene	0.110		0.03	0.11 ug/L
Total Svoc :				15.94			
Total Concentration:				15.94			
Client ID : MW-11A-13.5-090324							
P3827-04	MW-11A-13.5-090324	Water	1,4-Dioxane	1.800		0.07	0.2 ug/L
Total Svoc :				1.80			

Hit Summary Sheet SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1.80				
Client ID : BR-04DR-451-090424								
P3841-01	BR-04DR-451-090424	Water	1,4-Dioxane	2.100		0.07	0.2	ug/L
P3841-01	BR-04DR-451-090424	Water	2-Methylnaphthalene	0.030	J	0.03	0.1	ug/L
P3841-01	BR-04DR-451-090424	Water	Naphthalene	0.120		0.02	0.1	ug/L
Total Svoc :				2.25				
Total Concentration:				2.25				
Client ID : OW-07B-65.5-090424								
P3841-02	OW-07B-65.5-090424	Water	1,4-Dioxane	23.000	E	0.07	0.21	ug/L
Total Svoc :				23.00				
Total Concentration:				23.00				
Client ID : MW-11B-37.5-090424								
P3841-03	MW-11B-37.5-090424	Water	1,4-Dioxane	24.800	E	0.07	0.21	ug/L
Total Svoc :				24.80				
Total Concentration:				24.80				
Client ID : SP6616								
SP6616	SP6616	Water	1,4-Dioxane	400.000		68	200	ug/L
SP6616	SP6616	Water	2-Methylnaphthalene	400.000		30	100	ug/L
SP6616	SP6616	Water	4,6-Dinitro-2-methylphenol	390.000		140	200	ug/L
SP6616	SP6616	Water	4-Bromophenyl-phenylether	390.000		26	100	ug/L
SP6616	SP6616	Water	Acenaphthene	410.000		20	100	ug/L
SP6616	SP6616	Water	Acenaphthylene	400.000		21	100	ug/L
SP6616	SP6616	Water	Anthracene	410.000		24	100	ug/L
SP6616	SP6616	Water	Atrazine	380.000		23	100	ug/L
SP6616	SP6616	Water	Benzo(a)anthracene	400.000		22	100	ug/L
SP6616	SP6616	Water	Benzo(a)pyrene	430.000		56	100	ug/L
SP6616	SP6616	Water	Benzo(b)fluoranthene	390.000		32	100	ug/L
SP6616	SP6616	Water	Benzo(g,h,i)perylene	390.000		37	100	ug/L
SP6616	SP6616	Water	Benzo(k)fluoranthene	410.000		34	100	ug/L
SP6616	SP6616	Water	bis(2-Chloroethyl)ether	390.000		28	100	ug/L
SP6616	SP6616	Water	Bis(2-ethylhexyl)phthalate	370.000		140	200	ug/L
SP6616	SP6616	Water	Chrysene	440.000		26	100	ug/L
SP6616	SP6616	Water	Dibenzo(a,h)anthracene	420.000		39	100	ug/L
SP6616	SP6616	Water	Fluoranthene	370.000		23	100	ug/L
SP6616	SP6616	Water	Fluorene	390.000		18	100	ug/L
SP6616	SP6616	Water	Hexachlorobenzene	400.000		29	100	ug/L
SP6616	SP6616	Water	Hexachlorobutadiene	400.000		26	100	ug/L
SP6616	SP6616	Water	Indeno(1,2,3-cd)pyrene	420.000		38	100	ug/L
SP6616	SP6616	Water	n-Nitrosodimethylamine	450.000		30	200	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BN090624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6616	SP6616	Water	Naphthalene	400.000		24	100	ug/L
SP6616	SP6616	Water	Pentachlorophenol	620.000		90	200	ug/L
SP6616	SP6616	Water	Phenanthrene	410.000		20	100	ug/L
SP6616	SP6616	Water	Pyrene	420.000		22	100	ug/L
SP6616	SP6616	Water	Total PAH	6,510.000		456	1600	ug/L
Total Svoc :						17,610.00		
Total Concentration:						17,610.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN090424 SAS No.: BN090424 SDG 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.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 09:56

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	PB163140BL	5205	7.52	13227	10.27	6034	14.15
02	PB163141BL	5507	7.52	13984	10.27	6320	14.15
03	MDL-SOIL-03-QT2-2024	8537	7.52	22246	10.27	10295	14.15
04	MDL-SOIL-03-QT2-2024	7845	7.52	21096	10.27	10058	14.15
05	MDL-WATER-03-QT2-2024	6687	7.52	17491	10.27	8091	14.15
06	MDL-WATER-03-QT2-2024	7591	7.52	20371	10.27	9569	14.15
07	IDOC-01	5367	7.52	13822	10.27	6415	14.15
08	OWBR-05-134.8-083024	3702	7.52	9334	10.27	4428	14.15
09	OWBR-05-134.8-083024MS	4642	7.52	11946	10.27	5633	14.15
10	OWBR-05-134.8-083024MSD	4461	7.52	11410	10.27	5332	14.15
11	OWBR-05-134.8-083024DL	3330	7.52	8341	10.27	3809	14.15
12	BR-04DR-451-090424	4158	7.52	10638	10.27	5168	14.15
13	OW-07B-65.5-090424	4018	7.52	10176	10.27	4676	14.15
14	IDOC-02	4406	7.52	11375	10.27	5189	14.15
15	IDOC-03	4415	7.52	11448	10.27	5195	14.15
16	IDOC-04	4272	7.52	11003	10.27	5011	14.15
17	PB163168BL	3961	7.52	9923	10.27	4521	14.15
18	PB163168BS	4100	7.52	10577	10.27	4723	14.15
19	PB163168BSD	4192	7.52	10611	10.27	4864	14.15
20	PB163098BS	4089	7.52	10510	10.27	4755	14.15
21	OW-05B-71.7-083024	3823	7.52	9724	10.27	4459	14.15
22	MW-10A-9.5-083024	4047	7.52	10231	10.27	4602	14.15
23	MW-11B-37.5-090424	3992	7.52	10087	10.27	4571	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 7 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 02:29

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.						
24 PB163149BL	4450	7.52	11034	10.27	4961	14.15
25 PB163149BS	4431	7.51	11347	10.27	5133	14.15
26 PB163149BSD	4368	7.51	11230	10.27	5068	14.15
27 OW-06B-76.5-090324	4029	7.51	10134	10.27	4617	14.15
28 BR-03D-489.5-090324	4176	7.51	10622	10.27	5019	14.15
29 OW-04B-26.5-090324	4409	7.51	11232	10.27	4971	14.15
30 MW-11A-13.5-090324	4229	7.51	10872	10.27	4910	14.15
31 SP6615	4775	7.51	12151	10.27	5475	14.15
32 SP6616	4741	7.51	12062	10.27	5549	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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033773.D Time Analyzed: 09:56

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	5769	7.516	14986	10.27	6772	14.15
	UPPER LIMIT	11538	8.016	29972	10.772	13544	14.646
	LOWER LIMIT	2884.5	7.016	7493	9.772	3386	13.646
	EPA SAMPLE NO.						
01	PB163140BL	5205	7.52	13227	10.27	6034	14.15
02	PB163141BL	5507	7.52	13984	10.27	6320	14.15
03	MDL-SOIL-03-QT2-2024	8537	7.52	22246	10.27	10295	14.15
04	MDL-SOIL-03-QT2-2024	7845	7.52	21096	10.27	10058	14.15
05	MDL-WATER-03-QT2-2024	6687	7.52	17491	10.27	8091	14.15
06	MDL-WATER-03-QT2-2024	7591	7.52	20371	10.27	9569	14.15
07	IDOC-01	5367	7.52	13822	10.27	6415	14.15
08	OWBR-05-134.8-083024	3702	7.52	9334	10.27	4428	14.15
09	OWBR-05-134.8-083024MS	4642	7.52	11946	10.27	5633	14.15
10	OWBR-05-134.8-083024MSD	4461	7.52	11410	10.27	5332	14.15
11	OWBR-05-134.8-083024DL	3330	7.52	8341	10.27	3809	14.15
12	BR-04DR-451-090424	4158	7.52	10638	10.27	5168	14.15
13	OW-07B-65.5-090424	4018	7.52	10176	10.27	4676	14.15
14	IDOC-02	4406	7.52	11375	10.27	5189	14.15
15	IDOC-03	4415	7.52	11448	10.27	5195	14.15
16	IDOC-04	4272	7.52	11003	10.27	5011	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033773.D Time Analyzed: 19:08

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5769	7.516	14986	10.27	6772	14.15
UPPER LIMIT	11538	8.016	29972	10.772	13544	14.646
LOWER LIMIT	2884.5	7.016	7493	9.772	3386	13.646
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.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033792.D Time Analyzed: 22:16

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	4448	7.516	11063	10.27	4914	14.15
	UPPER LIMIT	8896	8.016	22126	10.772	9828	14.646
	LOWER LIMIT	2224	7.016	5531.5	9.772	2457	13.646
	EPA SAMPLE NO.						
01	PB163168BL	3961	7.52	9923	10.27	4521	14.15
02	PB163168BS	4100	7.52	10577	10.27	4723	14.15
03	PB163168BSD	4192	7.52	10611	10.27	4864	14.15
04	PB163098BS	4089	7.52	10510	10.27	4755	14.15
05	OW-05B-71.7-083024	3823	7.52	9724	10.27	4459	14.15
06	MW-10A-9.5-083024	4047	7.52	10231	10.27	4602	14.15
07	MW-11B-37.5-090424	3992	7.52	10087	10.27	4571	14.15
08	PB163149BL	4450	7.52	11034	10.27	4961	14.15
09	PB163149BS	4431	7.51	11347	10.27	5133	14.15
10	PB163149BSD	4368	7.51	11230	10.27	5068	14.15
11	OW-06B-76.5-090324	4029	7.51	10134	10.27	4617	14.15
12	BR-03D-489.5-090324	4176	7.51	10622	10.27	5019	14.15
13	OW-04B-26.5-090324	4409	7.51	11232	10.27	4971	14.15
14	MW-11A-13.5-090324	4229	7.51	10872	10.27	4910	14.15
15	SP6615	4775	7.51	12151	10.27	5475	14.15
16	SP6616	4741	7.51	12062	10.27	5549	14.15

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 7 2024 12:00AM

Lab File ID: BN033792.D Time Analyzed: 07:19

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	4448	7.516	11063	10.27	4914	14.15
UPPER LIMIT	8896	8.016	22126	10.772	9828	14.646
LOWER LIMIT	2224	7.016	5531.5	9.772	2457	13.646
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 09:56

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	PB163140BL	11355	16.90	8284	21.11	8792	23.27
02	PB163141BL	12121	16.90	9050	21.11	9505	23.27
03	MDL-SOIL-03-QT2-2024	20726	16.90	16130	21.11	17039	23.27
04	MDL-SOIL-03-QT2-2024	20461	16.91	16359	21.11	17559	23.27
05	MDL-WATER-03-QT2-2024	16288	16.90	12777	21.11	13288	23.27
06	MDL-WATER-03-QT2-2024	19181	16.91	15388	21.11	16331	23.27
07	IDOC-01	12492	16.90	9796	21.11	9954	23.27
08	OWBR-05-134.8-083024	8556	16.90	6369	21.11	6501	23.27
09	OWBR-05-134.8-083024MS	11039	16.91	9219	21.11	8431	23.27
10	OWBR-05-134.8-083024MSD	10557	16.91	8633	21.11	7937	23.27
11	OWBR-05-134.8-083024DL	7355	16.91	5370	21.11	5706	23.27
12	BR-04DR-451-090424	10430	16.90	7924	21.11	8124	23.27
13	OW-07B-65.5-090424	9210	16.90	7077	21.11	7419	23.27
14	IDOC-02	10000	16.90	7497	21.11	7770	23.27
15	IDOC-03	10029	16.91	7542	21.11	7787	23.27
16	IDOC-04	9677	16.90	7380	21.11	7509	23.27
17	PB163168BL	8591	16.90	6342	21.11	6604	23.27
18	PB163168BS	9268	16.90	6695	21.11	7016	23.26
19	PB163168BSD	9298	16.90	7105	21.11	7055	23.27
20	PB163098BS	9156	16.91	6684	21.11	6940	23.27
21	OW-05B-71.7-083024	8706	16.90	6633	21.11	6704	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 7 2024 12:00AM

Lab File ID: BN033752.D Time Analyzed: 01:17

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.						
22 MW-10A-9.5-083024	9318	16.90	7566	21.11	7376	23.27
23 MW-11B-37.5-090424	9107	16.90	7034	21.11	7349	23.27
24 PB163149BL	9488	16.90	7747	21.11	7439	23.27
25 PB163149BS	9897	16.90	7332	21.11	7520	23.27
26 PB163149BSD	9664	16.90	7246	21.11	7548	23.26
27 OW-06B-76.5-090324	9170	16.90	7710	21.11	7320	23.27
28 BR-03D-489.5-090324	10100	16.91	7597	21.11	8032	23.27
29 OW-04B-26.5-090324	9956	16.90	7749	21.11	7724	23.27
30 MW-11A-13.5-090324	9777	16.90	7588	21.11	8026	23.27
31 SP6615	10444	16.90	7518	21.11	8027	23.26
32 SP6616	10386	16.89	7402	21.11	7890	23.27

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033773.D Time Analyzed: 09:56

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	13338	16.904	10082	21.112	10458	23.268
	UPPER LIMIT	26676	17.404	20164	21.612	20916	23.768
	LOWER LIMIT	6669	16.404	5041	20.612	5229	22.768
	EPA SAMPLE NO.						
01	PB163140BL	11355	16.90	8284	21.11	8792	23.27
02	PB163141BL	12121	16.90	9050	21.11	9505	23.27
03	MDL-SOIL-03-QT2-2024	20726	16.90	16130	21.11	17039	23.27
04	MDL-SOIL-03-QT2-2024	20461	16.91	16359	21.11	17559	23.27
05	MDL-WATER-03-QT2-2024	16288	16.90	12777	21.11	13288	23.27
06	MDL-WATER-03-QT2-2024	19181	16.91	15388	21.11	16331	23.27
07	IDOC-01	12492	16.90	9796	21.11	9954	23.27
08	OWBR-05-134.8-083024	8556	16.90	6369	21.11	6501	23.27
09	OWBR-05-134.8-083024MS	11039	16.91	9219	21.11	8431	23.27
10	OWBR-05-134.8-083024MSD	10557	16.91	8633	21.11	7937	23.27
11	OWBR-05-134.8-083024DL	7355	16.91	5370	21.11	5706	23.27
12	BR-04DR-451-090424	10430	16.90	7924	21.11	8124	23.27
13	OW-07B-65.5-090424	9210	16.90	7077	21.11	7419	23.27
14	IDOC-02	10000	16.90	7497	21.11	7770	23.27
15	IDOC-03	10029	16.91	7542	21.11	7787	23.27
16	IDOC-04	9677	16.90	7380	21.11	7509	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033773.D Time Analyzed: 19:08

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	13338	16.904	10082	21.112	10458	23.268
UPPER LIMIT	26676	17.404	20164	21.612	20916	23.768
LOWER LIMIT	6669	16.404	5041	20.612	5229	22.768
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.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 6 2024 12:00AM

Lab File ID: BN033792.D Time Analyzed: 22:16

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	9686	16.904	7243	21.112	7764	23.265
	UPPER LIMIT	19372	17.404	14486	21.612	15528	23.765
	LOWER LIMIT	4843	16.404	3621.5	20.612	3882	22.765
	EPA SAMPLE NO.						
01	PB163168BL	8591	16.90	6342	21.11	6604	23.27
02	PB163168BS	9268	16.90	6695	21.11	7016	23.26
03	PB163168BSD	9298	16.90	7105	21.11	7055	23.27
04	PB163098BS	9156	16.91	6684	21.11	6940	23.27
05	OW-05B-71.7-083024	8706	16.90	6633	21.11	6704	23.27
06	MW-10A-9.5-083024	9318	16.90	7566	21.11	7376	23.27
07	MW-11B-37.5-090424	9107	16.90	7034	21.11	7349	23.27
08	PB163149BL	9488	16.90	7747	21.11	7439	23.27
09	PB163149BS	9897	16.90	7332	21.11	7520	23.27
10	PB163149BSD	9664	16.90	7246	21.11	7548	23.26
11	OW-06B-76.5-090324	9170	16.90	7710	21.11	7320	23.27
12	BR-03D-489.5-090324	10100	16.91	7597	21.11	8032	23.27
13	OW-04B-26.5-090324	9956	16.90	7749	21.11	7724	23.27
14	MW-11A-13.5-090324	9777	16.90	7588	21.11	8026	23.27
15	SP6615	10444	16.90	7518	21.11	8027	23.26
16	SP6616	10386	16.89	7402	21.11	7890	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN090624 SAS No.: BN090624 SDG NO.: BN090624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 7 2024 12:00AM

Lab File ID: BN033792.D Time Analyzed: 07:19

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	9686	16.904	7243	21.112	7764	23.265
UPPER LIMIT	19372	17.404	14486	21.612	15528	23.765
LOWER LIMIT	4843	16.404	3621.5	20.612	3882	22.765
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-01	n-Nitrosodimethylamine	400	350	ug/L	88				33	130	
	bis(2-Chloroethyl)ether	400	350	ug/L	88				55	118	
	Naphthalene	400	340	ug/L	85				67	120	
	Hexachlorobutadiene	400	330	ug/L	83				33	114	
	2-Methylnaphthalene	400	340	ug/L	85				50	122	
	Acenaphthylene	400	340	ug/L	85				60	119	
	Acenaphthene	400	350	ug/L	88				65	119	
	Total PAH	6400	5460	ug/L	85				65	119	
	Fluorene	400	340	ug/L	85				58	122	
	4,6-Dinitro-2-methylphenol	400	290	ug/L	73				20	150	
	4-Bromophenyl-phenylether	400	320	ug/L	80				20	150	
	Hexachlorobenzene	400	330	ug/L	83				62	127	
	Atrazine	400	310	ug/L	78				20	150	
	Pentachlorophenol	800	510	ug/L	64				10	137	
	Phenanthrene	400	340	ug/L	85				65	117	
	Anthracene	400	340	ug/L	85				57	118	
	Fluoranthene	400	320	ug/L	80				53	126	
	Pyrene	400	320	ug/L	80				54	124	
	Benzo(a)anthracene	400	350	ug/L	88				54	130	
	Chrysene	400	350	ug/L	88				64	126	
	bis(2-Ethylhexyl)phthalate	400	330	ug/L	83				40	137	
	Benzo(b)fluoranthene	400	330	ug/L	83				65	121	
	Benzo(k)fluoranthene	400	350	ug/L	88				72	119	
	Benzo(a)pyrene	400	380	ug/L	95				68	120	
	Indeno(1,2,3-cd)pyrene	400	350	ug/L	88				70	127	
	Dibenz(a,h)anthracene	400	340	ug/L	85				65	121	
	Benzo(g,h,i)perylene	400	320	ug/L	80				76	117	
	1,4-Dioxane	400	290	ug/L	73				42	127	
IDOC-02	n-Nitrosodimethylamine	400	410	ug/L	103				33	130	
	bis(2-Chloroethyl)ether	400	390	ug/L	98				55	118	
	Naphthalene	400	390	ug/L	98				67	120	
	Hexachlorobutadiene	400	380	ug/L	95				33	114	
	2-Methylnaphthalene	400	390	ug/L	98				50	122	
	Acenaphthylene	400	400	ug/L	100				60	119	
	Acenaphthene	400	400	ug/L	100				65	119	
	Total PAH	6400	6500	ug/L	102				65	119	
	Fluorene	400	390	ug/L	98				58	122	
	4,6-Dinitro-2-methylphenol	400	380	ug/L	95				20	150	
	4-Bromophenyl-phenylether	400	390	ug/L	98				20	150	
	Hexachlorobenzene	400	390	ug/L	98				62	127	
	Atrazine	400	380	ug/L	95				20	150	
	Pentachlorophenol	800	550	ug/L	69				10	137	
	Phenanthrene	400	400	ug/L	100				65	117	
	Anthracene	400	400	ug/L	100				57	118	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
IDOC-02	Fluoranthene	400	380	ug/L	95				53	126	
	Pyrene	400	400	ug/L	100				54	124	
	Benzo(a)anthracene	400	400	ug/L	100				54	130	
	Chrysene	400	430	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	400	380	ug/L	95				40	137	
	Benzo(b)fluoranthene	400	400	ug/L	100				65	121	
	Benzo(k)fluoranthene	400	440	ug/L	110				72	119	
	Benzo(a)pyrene	400	420	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	400	430	ug/L	108				70	127	
	Dibenz(a,h)anthracene	400	430	ug/L	108				65	121	
	Benzo(g,h,i)perylene	400	390	ug/L	98				76	117	
	1,4-Dioxane	400	330	ug/L	83				42	127	
IDOC-03	n-Nitrosodimethylamine	400	410	ug/L	103				33	130	
	bis(2-Chloroethyl)ether	400	390	ug/L	98				55	118	
	Naphthalene	400	390	ug/L	98				67	120	
	Hexachlorobutadiene	400	390	ug/L	98				33	114	
	2-Methylnaphthalene	400	390	ug/L	98				50	122	
	Acenaphthylene	400	400	ug/L	100				60	119	
	Acenaphthene	400	410	ug/L	103				65	119	
	Total PAH	6400	6530	ug/L	102				65	119	
	Fluorene	400	400	ug/L	100				58	122	
	4,6-Dinitro-2-methylphenol	400	380	ug/L	95				20	150	
	4-Bromophenyl-phenylether	400	390	ug/L	98				20	150	
	Hexachlorobenzene	400	390	ug/L	98				62	127	
	Atrazine	400	380	ug/L	95				20	150	
	Pentachlorophenol	800	600	ug/L	75				10	137	
	Phenanthrene	400	410	ug/L	103				65	117	
	Anthracene	400	410	ug/L	103				57	118	
	Fluoranthene	400	380	ug/L	95				53	126	
	Pyrene	400	400	ug/L	100				54	124	
	Benzo(a)anthracene	400	400	ug/L	100				54	130	
	Chrysene	400	430	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	400	380	ug/L	95				40	137	
	Benzo(b)fluoranthene	400	410	ug/L	103				65	121	
	Benzo(k)fluoranthene	400	420	ug/L	105				72	119	
	Benzo(a)pyrene	400	430	ug/L	108				68	120	
	Indeno(1,2,3-cd)pyrene	400	430	ug/L	108				70	127	
	Dibenz(a,h)anthracene	400	420	ug/L	105				65	121	
	Benzo(g,h,i)perylene	400	390	ug/L	98				76	117	
	1,4-Dioxane	400	330	ug/L	83				42	127	
IDOC-04	n-Nitrosodimethylamine	400	430	ug/L	108				33	130	
	bis(2-Chloroethyl)ether	400	390	ug/L	98				55	118	
	Naphthalene	400	390	ug/L	98				67	120	
	Hexachlorobutadiene	400	400	ug/L	100				33	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
IDOC-04	2-Methylnaphthalene	400	390	ug/L	98				50	122	
	Acenaphthylene	400	400	ug/L	100				60	119	
	Acenaphthene	400	410	ug/L	103				65	119	
	Total PAH	6400	6520	ug/L	102				65	119	
	Fluorene	400	390	ug/L	98				58	122	
	4,6-Dinitro-2-methylphenol	400	370	ug/L	93				20	150	
	4-Bromophenyl-phenylether	400	380	ug/L	95				20	150	
	Hexachlorobenzene	400	400	ug/L	100				62	127	
	Atrazine	400	380	ug/L	95				20	150	
	Pentachlorophenol	800	580	ug/L	73				10	137	
	Phenanthrene	400	410	ug/L	103				65	117	
	Anthracene	400	400	ug/L	100				57	118	
	Fluoranthene	400	380	ug/L	95				53	126	
	Pyrene	400	390	ug/L	98				54	124	
	Benzo(a)anthracene	400	390	ug/L	98				54	130	
	Chrysene	400	420	ug/L	105				64	126	
	bis(2-Ethylhexyl)phthalate	400	370	ug/L	93				40	137	
	Benzo(b)fluoranthene	400	400	ug/L	100				65	121	
	Benzo(k)fluoranthene	400	440	ug/L	110				72	119	
	Benzo(a)pyrene	400	440	ug/L	110				68	120	
	Indeno(1,2,3-cd)pyrene	400	430	ug/L	108				70	127	
	Dibenz(a,h)anthracene	400	430	ug/L	108				65	121	
	Benzo(g,h,i)perylene	400	400	ug/L	100				76	117	
	1,4-Dioxane	400	330	ug/L	83				42	127	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163098BS	n-Nitrosodimethylamine	0.4	0.43	ug/L	108				33	130	
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.4	ug/L	100				33	114	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	Acenaphthylene	0.4	0.4	ug/L	100				60	119	
	Acenaphthene	0.4	0.4	ug/L	100				65	119	
	Total PAH	6.4	6.55	ug/L	102				65	119	
	Fluorene	0.4	0.39	ug/L	98				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.38	ug/L	95				20	150	
	4-Bromophenyl-phenylether	0.4	0.38	ug/L	95				20	150	
	Hexachlorobenzene	0.4	0.4	ug/L	100				62	127	
	Atrazine	0.4	0.38	ug/L	95				20	150	
	Pentachlorophenol	0.8	0.59	ug/L	74				10	137	
	Phenanthrene	0.4	0.41	ug/L	103				65	117	
	Anthracene	0.4	0.41	ug/L	103				57	118	
	Fluoranthene	0.4	0.37	ug/L	93				53	126	
	Pyrene	0.4	0.41	ug/L	103				54	124	
	Benzo(a)anthracene	0.4	0.41	ug/L	103				54	130	
	Chrysene	0.4	0.43	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.38	ug/L	95				40	137	
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100				65	121	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				72	119	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				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	0.4	ug/L	100				76	117	
	1,4-Dioxane	0.4	0.31	ug/L	78				42	127	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163149BS	n-Nitrosodimethylamine	0.4	0.42	ug/L	105				33	130	
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	Acenaphthylene	0.4	0.4	ug/L	100				60	119	
	Acenaphthene	0.4	0.41	ug/L	103				65	119	
	Total PAH	6.4	6.54	ug/L	102				65	119	
	Fluorene	0.4	0.4	ug/L	100				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.41	ug/L	103				20	150	
	4-Bromophenyl-phenylether	0.4	0.39	ug/L	98				20	150	
	Hexachlorobenzene	0.4	0.39	ug/L	98				62	127	
	Atrazine	0.4	0.38	ug/L	95				20	150	
	Pentachlorophenol	0.8	0.59	ug/L	74				10	137	
	Phenanthrene	0.4	0.4	ug/L	100				65	117	
	Anthracene	0.4	0.4	ug/L	100				57	118	
	Fluoranthene	0.4	0.38	ug/L	95				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	0.42	ug/L	105				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.39	ug/L	98				40	137	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				65	121	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				72	119	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				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	0.4	ug/L	100				76	117	
	1,4-Dioxane	0.4	0.31	ug/L	78				42	127	
PB163149BSD	n-Nitrosodimethylamine	0.4	0.43	ug/L	108	2			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98	0			55	118	20
	Naphthalene	0.4	0.39	ug/L	98	0			67	120	20
	Hexachlorobutadiene	0.4	0.39	ug/L	98	0			33	114	20
	2-Methylnaphthalene	0.4	0.39	ug/L	98	0			50	122	20
	Acenaphthylene	0.4	0.41	ug/L	103	2			60	119	20
	Acenaphthene	0.4	0.41	ug/L	103	0			65	119	20
	Total PAH	6.4	6.59	ug/L	103	1			65	119	20
	Fluorene	0.4	0.4	ug/L	100	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.4	ug/L	100	2			20	150	20
	4-Bromophenyl-phenylether	0.4	0.39	ug/L	98	0			20	150	20
	Hexachlorobenzene	0.4	0.4	ug/L	100	3			62	127	20
	Atrazine	0.4	0.39	ug/L	98	3			20	150	20
	Pentachlorophenol	0.8	0.59	ug/L	74	0			10	137	20
	Phenanthrene	0.4	0.41	ug/L	103	2			65	117	20
	Anthracene	0.4	0.41	ug/L	103	2			57	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163149BSD	Fluoranthene	0.4	0.39	ug/L	98	3			53	126	20
	Pyrene	0.4	0.41	ug/L	103	2			54	124	20
	Benzo(a)anthracene	0.4	0.4	ug/L	100	0			54	130	20
	Chrysene	0.4	0.43	ug/L	108	2			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.39	ug/L	98	0			40	137	20
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100	2			65	121	20
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108	0			72	119	20
	Benzo(a)pyrene	0.4	0.43	ug/L	108	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110	0			70	127	20
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	0			76	117	20
	1,4-Dioxane	0.4	0.31	ug/L	78	0			42	127	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163168BS	n-Nitrosodimethylamine	0.4	0.43	ug/L	108				33	130	
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	Acenaphthylene	0.4	0.41	ug/L	103				60	119	
	Acenaphthene	0.4	0.41	ug/L	103				65	119	
	Total PAH	6.4	6.58	ug/L	103				65	119	
	Fluorene	0.4	0.4	ug/L	100				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.37	ug/L	93				20	150	
	4-Bromophenyl-phenylether	0.4	0.38	ug/L	95				20	150	
	Hexachlorobenzene	0.4	0.39	ug/L	98				62	127	
	Atrazine	0.4	0.37	ug/L	93				20	150	
	Pentachlorophenol	0.8	0.58	ug/L	73				10	137	
	Phenanthrene	0.4	0.4	ug/L	100				65	117	
	Anthracene	0.4	0.4	ug/L	100				57	118	
	Fluoranthene	0.4	0.38	ug/L	95				53	126	
	Pyrene	0.4	0.41	ug/L	103				54	124	
	Benzo(a)anthracene	0.4	0.41	ug/L	103				54	130	
	Chrysene	0.4	0.43	ug/L	108				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.39	ug/L	98				40	137	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				65	121	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				72	119	
	Benzo(a)pyrene	0.4	0.43	ug/L	108				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	0.4	ug/L	100				76	117	
	1,4-Dioxane	0.4	0.32	ug/L	80				42	127	
PB163168BSD	n-Nitrosodimethylamine	0.4	0.44	ug/L	110	2			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98	0			55	118	20
	Naphthalene	0.4	0.39	ug/L	98	0			67	120	20
	Hexachlorobutadiene	0.4	0.4	ug/L	100	3			33	114	20
	2-Methylnaphthalene	0.4	0.4	ug/L	100	3			50	122	20
	Acenaphthylene	0.4	0.4	ug/L	100	2			60	119	20
	Acenaphthene	0.4	0.41	ug/L	103	0			65	119	20
	Total PAH	6.4	6.51	ug/L	102	1			65	119	20
	Fluorene	0.4	0.39	ug/L	98	3			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.38	ug/L	95	3			20	150	20
	4-Bromophenyl-phenylether	0.4	0.39	ug/L	98	3			20	150	20
	Hexachlorobenzene	0.4	0.38	ug/L	95	3			62	127	20
	Atrazine	0.4	0.38	ug/L	95	3			20	150	20
	Pentachlorophenol	0.8	0.59	ug/L	74	2			10	137	20
	Phenanthrene	0.4	0.41	ug/L	103	2			65	117	20
	Anthracene	0.4	0.4	ug/L	100	0			57	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163168BSD	Fluoranthene	0.4	0.38	ug/L	95	0			53	126	20
	Pyrene	0.4	0.39	ug/L	98	5			54	124	20
	Benzo(a)anthracene	0.4	0.39	ug/L	98	5			54	130	20
	Chrysene	0.4	0.42	ug/L	105	2			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.37	ug/L	93	5			40	137	20
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100	2			65	121	20
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108	0			72	119	20
	Benzo(a)pyrene	0.4	0.43	ug/L	108	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110	0			70	127	20
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	0			76	117	20
	1,4-Dioxane	0.4	0.32	ug/L	80	0			42	127	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

IDOC-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033780.D

Lab Sample ID: IDOC-01

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 13:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
IDOC-01	IDOC-01	BN033780.D	09/06/2024
IDOC-02	IDOC-02	BN033787.D	09/06/2024
IDOC-03	IDOC-03	BN033788.D	09/06/2024
IDOC-04	IDOC-04	BN033789.D	09/06/2024
SP6615	SP6615	BN033807.D	09/07/2024
SP6616	SP6616	BN033808.D	09/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163098BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033796.D

Lab Sample ID: PB163098BS

Instrument ID: BNA_N

Date Extracted: 09/03/2024

Matrix: (soil/water) Water

Date Analyzed: 09/07/2024

Level: (low/med) LOW

Time Analyzed: 00:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163098BS	PB163098BS	BN033796.D	09/07/2024
OW-05B-71.7-083024	P3815-04	BN033797.D	09/07/2024
MW-10A-9.5-083024	P3815-05	BN033798.D	09/07/2024
OWBR-05-134.8-083024	P3815-01	BN033781.D	09/06/2024
OWBR-05-134.8-083024MS	P3815-02MS	BN033782.D	09/06/2024
OWBR-05-134.8-083024MSD	P3815-03MSD	BN033783.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163140BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033774.D

Lab Sample ID: PB163140BL

Instrument ID: BNA_N

Date Extracted: 09/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 09:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-03-QT2-2024	P2403-03	BN033776.D	09/06/2024
MDL-SOIL-03-QT2-2024	P2403-03	BN033777.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163141BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033775.D

Lab Sample ID: PB163141BL

Instrument ID: BNA_N

Date Extracted: 09/04/2024

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 10:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-03-QT2-2024	P2403-09	BN033778.D	09/06/2024
MDL-WATER-03-QT2-2024	P2403-09	BN033779.D	09/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163149BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033800.D

Lab Sample ID: PB163149BL

Instrument ID: BNA_N

Date Extracted: 09/04/2024

Matrix: (soil/water) Water

Date Analyzed: 09/07/2024

Level: (low/med) LOW

Time Analyzed: 02:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163149BS	PB163149BS	BN033801.D	09/07/2024
PB163149BSD	PB163149BSD	BN033802.D	09/07/2024
OW-06B-76.5-090324	P3827-01	BN033803.D	09/07/2024
BR-03D-489.5-090324	P3827-02	BN033804.D	09/07/2024
OW-04B-26.5-090324	P3827-03	BN033805.D	09/07/2024
MW-11A-13.5-090324	P3827-04	BN033806.D	09/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163168BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN090624

SAS No.: BN090624 SDG NO.: BN090624

Lab File ID: BN033793.D

Lab Sample ID: PB163168BL

Instrument ID: BNA_N

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/06/2024

Level: (low/med) LOW

Time Analyzed: 22:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163168BS	PB163168BS	BN033794.D	09/06/2024
PB163168BSD	PB163168BSD	BN033795.D	09/06/2024
MW-11B-37.5-090424	P3841-03	BN033799.D	09/07/2024
BR-04DR-451-090424	P3841-01	BN033785.D	09/06/2024
OW-07B-65.5-090424	P3841-02	BN033786.D	09/06/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3815-02MS		Client Sample ID: OWBR-05-134.8-083024MS		DataFile: BN033782.D							
n-Nitrosodimethylamine	0.45		0.17	ug/L	38				10	158	
bis(2-Chloroethyl)ether	0.45		0.32	ug/L	71				27	159	
Naphthalene	0.45	0.08	0.4	ug/L	71				62	119	
Hexachlorobutadiene	0.45		0.29	ug/L	64				14	140	
2-Methylnaphthalene	0.45	0.04	0.37	ug/L	73				70	118	
Acenaphthylene	0.45		0.36	ug/L	80				53	123	
Acenaphthene	0.45		0.38	ug/L	84				57	122	
Total PAH	7.2	0	7.31	ug/L	102				57	122	
Fluorene	0.45		0.38	ug/L	84				58	123	
4,6-Dinitro-2-methylphenol	0.45		0.4	ug/L	89				20	150	
4-Bromophenyl-phenylether	0.45		0.36	ug/L	80				20	150	
Hexachlorobenzene	0.45		0.35	ug/L	78				31	160	
Atrazine	0.45		0.42	ug/L	93				20	150	
Pentachlorophenol	0.9		0.63	ug/L	70				10	179	
Phenanthrene	0.45	0.02	0.46	ug/L	98				64	129	
Anthracene	0.45		0.45	ug/L	100				67	127	
Fluoranthene	0.45		0.47	ug/L	104				55	140	
Pyrene	0.45		0.45	ug/L	100				59	137	
Benzo(a)anthracene	0.45		0.45	ug/L	100				51	146	
Chrysene	0.45		0.47	ug/L	104				61	126	
bis(2-Ethylhexyl)phthalate	0.45	0.16	0.42	ug/L	58				35	175	
Benzo(b)fluoranthene	0.45		0.51	ug/L	113				60	123	
Benzo(k)fluoranthene	0.45		0.52	ug/L	116				61	122	
Benzo(a)pyrene	0.45		0.52	ug/L	116				54	129	
Indeno(1,2,3-cd)pyrene	0.45		0.51	ug/L	113				50	134	
Dibenz(a,h)anthracene	0.45		0.51	ug/L	113				53	121	
Benzo(g,h,i)perylene	0.45		0.47	ug/L	104				44	132	
1,4-Dioxane	0.45	38	27.3	ug/L	-2378	*			10	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3815-03MSD		Client Sample ID: OWBR-05-134.8-083024MSD		DataFile: BN033783.D							
n-Nitrosodimethylamine	0.44		0.17	ug/L	39		3		10	158	20
bis(2-Chloroethyl)ether	0.44		0.34	ug/L	77		8		27	159	20
Naphthalene	0.44	0.08	0.41	ug/L	75		5		62	119	20
Hexachlorobutadiene	0.44		0.3	ug/L	68		6		14	140	20
2-Methylnaphthalene	0.44	0.04	0.37	ug/L	75		3		70	118	20
Acenaphthylene	0.44		0.37	ug/L	84		5		53	123	20
Acenaphthene	0.44		0.39	ug/L	89		6		57	122	20
Total PAH	7.04	0	7.64	ug/L	109		7		57	122	20
Fluorene	0.44		0.39	ug/L	89		6		58	123	20
4,6-Dinitro-2-methylphenol	0.44		0.41	ug/L	93		4		20	150	20
4-Bromophenyl-phenylether	0.44		0.37	ug/L	84		5		20	150	20
Hexachlorobenzene	0.44		0.34	ug/L	77		1		31	160	20
Atrazine	0.44		0.44	ug/L	100		7		20	150	20
Pentachlorophenol	0.88		0.64	ug/L	73		4		10	179	20
Phenanthrene	0.44	0.02	0.48	ug/L	105		7		64	129	20
Anthracene	0.44		0.46	ug/L	105		5		67	127	20
Fluoranthene	0.44		0.49	ug/L	111		7		55	140	20
Pyrene	0.44		0.47	ug/L	107		7		59	137	20
Benzo(a)anthracene	0.44		0.47	ug/L	107		7		51	146	20
Chrysene	0.44		0.5	ug/L	114		9		61	126	20
bis(2-Ethylhexyl)phthalate	0.44	0.16	0.45	ug/L	66		13		35	175	20
Benzo(b)fluoranthene	0.44		0.54	ug/L	123		8		60	123	20
Benzo(k)fluoranthene	0.44		0.54	ug/L	123		*	6	61	122	20
Benzo(a)pyrene	0.44		0.55	ug/L	125		7		54	129	20
Indeno(1,2,3-cd)pyrene	0.44		0.54	ug/L	123		8		50	134	20
Dibenz(a,h)anthracene	0.44		0.54	ug/L	123		*	8	53	121	20
Benzo(g,h,i)perylene	0.44		0.5	ug/L	114		9		44	132	20
1,4-Dioxane	0.44	38	27.9	ug/L	-2295		*	4	10	175	20

Surrogate Summary

SW-846

SDG No.: **BN090624**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
IDOC-01	IDOC-01	BN033780.D	2-Methylnaphthalene-d10	0.4	386.00	96500	*	20	139
			Fluoranthene-d10	0.4	320.00	80000	*	30	150
			2-Fluorophenol	0.4	277.00	69250	*	10	100
			Phenol-d6	0.4	266.00	66500	*	10	100
			Nitrobenzene-d5	0.4	322.00	80500	*	27	123
			2-Fluorobiphenyl	0.4	341.00	85250	*	34	132
			2,4,6-Tribromophenol	0.4	236.00	59000	*	10	131
			Terphenyl-d14	0.4	328.00	82000	*	35	157
IDOC-02	IDOC-02	BN033787.D	2-Methylnaphthalene-d10	0.4	471.00	117750	*	20	139
			Fluoranthene-d10	0.4	375.00	93750	*	30	150
			2-Fluorophenol	0.4	313.00	78250	*	10	100
			Phenol-d6	0.4	306.00	76500	*	10	100
			Nitrobenzene-d5	0.4	373.00	93250	*	27	123
			2-Fluorobiphenyl	0.4	396.00	99000	*	34	132
			2,4,6-Tribromophenol	0.4	283.00	70750	*	10	131
			Terphenyl-d14	0.4	400.00	100000	*	35	157
IDOC-03	IDOC-03	BN033788.D	2-Methylnaphthalene-d10	0.4	459.00	114750	*	20	139
			Fluoranthene-d10	0.4	377.00	94250	*	30	150
			2-Fluorophenol	0.4	314.00	78500	*	10	100
			Phenol-d6	0.4	306.00	76500	*	10	100
			Nitrobenzene-d5	0.4	378.00	94500	*	27	123
			2-Fluorobiphenyl	0.4	403.00	100750	*	34	132
			2,4,6-Tribromophenol	0.4	288.00	72000	*	10	131
			Terphenyl-d14	0.4	401.00	100250	*	35	157
IDOC-04	IDOC-04	BN033789.D	2-Methylnaphthalene-d10	0.4	458.00	114500	*	20	139
			Fluoranthene-d10	0.4	375.00	93750	*	30	150
			2-Fluorophenol	0.4	313.00	78250	*	10	100
			Phenol-d6	0.4	304.00	76000	*	10	100
			Nitrobenzene-d5	0.4	382.00	95500	*	27	123
			2-Fluorobiphenyl	0.4	398.00	99500	*	34	132
			2,4,6-Tribromophenol	0.4	283.00	70750	*	10	131
			Terphenyl-d14	0.4	393.00	98250	*	35	157
SP6615	SP6615	BN033807.D	2-Methylnaphthalene-d10	0.4	400.00	100000	*	20	139
			Fluoranthene-d10	0.4	402.00	100500	*	30	150
			2-Fluorophenol	0.4	316.00	79000	*	10	100
			Phenol-d6	0.4	296.00	74000	*	10	100
			Nitrobenzene-d5	0.4	383.00	95750	*	27	123
			2-Fluorobiphenyl	0.4	402.00	100500	*	34	132
			2,4,6-Tribromophenol	0.4	236.00	59000	*	10	131
			Terphenyl-d14	0.4	439.00	109750	*	35	157
SP6616	SP6616	BN033808.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	20	139
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	0.00	0	*	10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.00	0	*	27	123
			2-Fluorobiphenyl	0.4	0.00	0	*	34	132
			2,4,6-Tribromophenol	0.4	0.00	0	*	10	131
			Terphenyl-d14	0.4	0.00	0	*	35	157

Surrogate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3815-01	OWBR-05-134.8-08BN033781.D		2-Methylnaphthalene-d10	0.4	0.41	103		20	139
			Fluoranthene-d10	0.4	0.56	140		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.40	100		27	123
			2-Fluorobiphenyl	0.4	0.43	106		34	132
			2,4,6-Tribromophenol	0.4	0.35	87		10	131
			Terphenyl-d14	0.4	0.68	170	*	35	157
P3815-01DL	OWBR-05-134.8-08BN033784.D		2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.52	130		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.10	25		10	100
			Nitrobenzene-d5	0.4	0.44	110		27	123
			2-Fluorobiphenyl	0.4	0.38	95		34	132
			2,4,6-Tribromophenol	0.4	0.42	105		10	131
			Terphenyl-d14	0.4	0.64	160	*	35	157
P3815-02MS	OWBR-05-134.8-08BN033782.D		2-Methylnaphthalene-d10	0.4	0.35	86		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.29	71		27	123
			2-Fluorobiphenyl	0.4	0.29	74		34	132
			2,4,6-Tribromophenol	0.4	0.26	65		10	131
			Terphenyl-d14	0.4	0.39	98		35	157
P3815-03MSD	OWBR-05-134.8-08BN033783.D		2-Methylnaphthalene-d10	0.4	0.36	90		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.29	74		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.42	105		35	157
P3815-04	OW-05B-71.7-0830BN033797.D		2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.31	77		10	131
			Terphenyl-d14	0.4	0.45	113		35	157
P3815-05	MW-10A-9.5-0830BN033798.D		2-Methylnaphthalene-d10	0.4	0.24	60		20	139
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.07	18		10	100
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.24	59		27	123
			2-Fluorobiphenyl	0.4	0.26	66		34	132
			2,4,6-Tribromophenol	0.4	0.19	47		10	131
			Terphenyl-d14	0.4	0.34	85		35	157
PB163098BS	PB163098BS	BN033796.D	2-Methylnaphthalene-d10	0.4	0.44	111		20	139

Surrogate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163098BS	PB163098BS	BN033796.D	Fluoranthene-d10	0.4	0.37	92		30	150
			2-Fluorophenol	0.4	0.31	77		10	100
			Phenol-d6	0.4	0.30	74		10	100
			Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.27	68		10	131
			Terphenyl-d14	0.4	0.41	101		35	157

Surrogate Summary

SW-846

SDG No.: **BN090624**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-03	MDL-SOIL-03-QT	BN033776.D	2-Methylnaphthalene-d10	0.4	0.46	114		17	161
		BN033777.D	2-Methylnaphthalene-d10	0.4	0.56	139		17	161
			Fluoranthene-d10	0.4	0.58	144	*	23	138
		BN033776.D	Fluoranthene-d10	0.4	0.48	120		23	138
		BN033777.D	2-Fluorophenol	0.4	0.30	75		28	122
		BN033776.D	2-Fluorophenol	0.4	0.25	63		28	122
		BN033777.D	Phenol-d6	0.4	0.33	83		25	125
		BN033776.D	Phenol-d6	0.4	0.27	68		25	125
			Nitrobenzene-d5	0.4	0.30	76		33	121
		BN033777.D	Nitrobenzene-d5	0.4	0.36	89		33	121
			2-Fluorobiphenyl	0.4	0.35	88		32	121
		BN033776.D	2-Fluorobiphenyl	0.4	0.30	76		32	121
			2,4,6-Tribromophenol	0.4	0.24	60		19	110
		BN033777.D	2,4,6-Tribromophenol	0.4	0.30	75		19	110
		BN033776.D	Terphenyl-d14	0.4	0.31	77		21	130
		BN033777.D	Terphenyl-d14	0.4	0.35	87		21	130
PB163140BL	PB163140BL	BN033774.D	2-Methylnaphthalene-d10	0.4	0.38	96		17	161
			Fluoranthene-d10	0.4	0.41	102		23	138
			2-Fluorophenol	0.4	0.33	82		28	122
			Phenol-d6	0.4	0.31	77		25	125
			Nitrobenzene-d5	0.4	0.39	97		33	121
			2-Fluorobiphenyl	0.4	0.40	99		32	121
			2,4,6-Tribromophenol	0.4	0.21	53		19	110
			Terphenyl-d14	0.4	0.45	112		21	130

Surrogate Summary

SW-846

SDG No.: **BN090624**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2403-09	MDL-WATER-03-C	BN033778.D	2-Methylnaphthalene-d10	0.4	0.45	113		20	139
		BN033779.D	2-Methylnaphthalene-d10	0.4	0.56	139		20	139
			Fluoranthene-d10	0.4	0.58	144		30	150
		BN033778.D	Fluoranthene-d10	0.4	0.47	118		30	150
			2-Fluorophenol	0.4	0.25	63		10	100
		BN033779.D	2-Fluorophenol	0.4	0.30	76		10	100
			Phenol-d6	0.4	0.34	84		10	100
		BN033778.D	Phenol-d6	0.4	0.27	67		10	100
			Nitrobenzene-d5	0.4	0.30	74		27	123
		BN033779.D	Nitrobenzene-d5	0.4	0.36	89		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
		BN033778.D	2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.23	57		10	131
		BN033779.D	2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.35	86		35	157
		BN033778.D	Terphenyl-d14	0.4	0.30	75		35	157
PB163141BL	PB163141BL	BN033775.D	2-Methylnaphthalene-d10	0.4	0.38	96		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.33	82		10	100
			Phenol-d6	0.4	0.31	77		10	100
			Nitrobenzene-d5	0.4	0.39	97		27	123
			2-Fluorobiphenyl	0.4	0.40	101		34	132
			2,4,6-Tribromophenol	0.4	0.22	54		10	131
			Terphenyl-d14	0.4	0.44	111		35	157

Surrogate Summary

SW-846

SDG No.: **BN090624**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3827-01	OW-06B-76.5-0903BN033803.D		2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.34	85		27	123
			2-Fluorobiphenyl	0.4	0.37	93		34	132
			2,4,6-Tribromophenol	0.4	0.33	83		10	131
			Terphenyl-d14	0.4	0.45	113		35	157
P3827-02	BR-03D-489.5-0903BN033804.D		2-Methylnaphthalene-d10	0.4	0.31	78		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.13	33		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.31	79		27	123
			2-Fluorobiphenyl	0.4	0.33	82		34	132
			2,4,6-Tribromophenol	0.4	0.34	84		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
P3827-03	OW-04B-26.5-0903BN033805.D		2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.34	84		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
			2,4,6-Tribromophenol	0.4	0.31	78		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
P3827-04	MW-11A-13.5-0903BN033806.D		2-Methylnaphthalene-d10	0.4	0.31	77		20	139
			Fluoranthene-d10	0.4	0.43	107		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.07	19		10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.32	81		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
PB163149BL	PB163149BL	BN033800.D	2-Methylnaphthalene-d10	0.4	0.38	94		20	139
			Fluoranthene-d10	0.4	0.40	99		30	150
			2-Fluorophenol	0.4	0.32	79		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.39	96		27	123
			2-Fluorobiphenyl	0.4	0.40	99		34	132
			2,4,6-Tribromophenol	0.4	0.22	55		10	131
			Terphenyl-d14	0.4	0.39	98		35	157
PB163149BS	PB163149BS	BN033801.D	2-Methylnaphthalene-d10	0.4	0.49	123		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.31	78		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.40	101		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.41	101		35	157
PB163149BSD	PB163149BSD	BN033802.D	2-Methylnaphthalene-d10	0.4	0.49	121		20	139

Surrogate Summary

SW-846

SDG No.: BN090624

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163149BSD	PB163149BSD	BN033802.D	Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.31	78		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.38	95		27	123
			2-Fluorobiphenyl	0.4	0.40	101		34	132
			2,4,6-Tribromophenol	0.4	0.29	73		10	131
			Terphenyl-d14	0.4	0.41	102		35	157

Surrogate Summary

SW-846

SDG No.: **BN090624**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3841-01	BR-04DR-451-0904	BN033785.D	2-Methylnaphthalene-d10	0.4	0.40	100		20	139
			Fluoranthene-d10	0.4	0.44	111		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.08	21		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	0.35	87		10	131
			Terphenyl-d14	0.4	0.48	120		35	157
P3841-02	OW-07B-65.5-0904	BN033786.D	2-Methylnaphthalene-d10	0.4	0.36	90		20	139
			Fluoranthene-d10	0.4	0.44	110		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.11	26		10	100
			Nitrobenzene-d5	0.4	0.36	91		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.30	75		10	131
			Terphenyl-d14	0.4	0.49	122		35	157
P3841-03	MW-11B-37.5-0904	BN033799.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.47	117		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.38	94		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.35	88		10	131
			Terphenyl-d14	0.4	0.50	125		35	157
PB163168BL	PB163168BL	BN033793.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.33	82		10	100
			Phenol-d6	0.4	0.31	76		10	100
			Nitrobenzene-d5	0.4	0.39	98		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.24	60		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
PB163168BS	PB163168BS	BN033794.D	2-Methylnaphthalene-d10	0.4	0.44	110		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.31	77		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.38	94		27	123
			2-Fluorobiphenyl	0.4	0.41	101		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
PB163168BSD	PB163168BSD	BN033795.D	2-Methylnaphthalene-d10	0.4	0.44	110		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.31	76		10	100
			Phenol-d6	0.4	0.30	74		10	100
			Nitrobenzene-d5	0.4	0.38	94		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.28	69		10	131
			Terphenyl-d14	0.4	0.39	97		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN090624

Lab Code: CHEM

SAS No.: BN090624

SDG NO.: BN090624

Lab File ID: BN033772.D

DFTPP Injection Date: 09/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	41
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	72.2
443	15.0 - 24.0% of mass 442	13.1 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033773.D	09/06/2024	09:20
PB163140BL	PB163140BL	BN033774.D	09/06/2024	09:56
PB163141BL	PB163141BL	BN033775.D	09/06/2024	10:32
MDL-SOIL-03-QT2-2024	P2403-03	BN033776.D	09/06/2024	11:09
MDL-SOIL-03-QT2-2024	P2403-03	BN033777.D	09/06/2024	11:45
MDL-WATER-03-QT2-2024	P2403-09	BN033778.D	09/06/2024	12:21
MDL-WATER-03-QT2-2024	P2403-09	BN033779.D	09/06/2024	12:57
IDOC-01	IDOC-01	BN033780.D	09/06/2024	13:42
OWBR-05-134.8-083024	P3815-01	BN033781.D	09/06/2024	14:18
OWBR-05-134.8-083024MS	P3815-02MS	BN033782.D	09/06/2024	14:55
OWBR-05-134.8-083024MSD	P3815-03MSD	BN033783.D	09/06/2024	15:31
OWBR-05-134.8-083024DL	P3815-01DL	BN033784.D	09/06/2024	16:07
BR-04DR-451-090424	P3841-01	BN033785.D	09/06/2024	16:43
OW-07B-65.5-090424	P3841-02	BN033786.D	09/06/2024	17:20
IDOC-02	IDOC-02	BN033787.D	09/06/2024	17:55
IDOC-03	IDOC-03	BN033788.D	09/06/2024	18:32
IDOC-04	IDOC-04	BN033789.D	09/06/2024	19:08
SSTDCCC0.4EC	SSTDCCC0.4	BN033790.D	09/06/2024	19:44

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN090624

Lab Code: CHEM

SAS No.: BN090624

SDG NO.: BN090624

Lab File ID: BN033791.D

DFTPP Injection Date: 09/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 21:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.2
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	47
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.2
197	Less than 2.0% of mass 198	0.3
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	24.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	9.4
442	Greater than 50% of mass 198	59.4
443	15.0 - 24.0% of mass 442	11.3 (19) 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	BN033792.D	09/06/2024	21:40
PB163168BL	PB163168BL	BN033793.D	09/06/2024	22:16
PB163168BS	PB163168BS	BN033794.D	09/06/2024	22:52
PB163168BSD	PB163168BSD	BN033795.D	09/06/2024	23:28
PB163098BS	PB163098BS	BN033796.D	09/07/2024	00:04
OW-05B-71.7-083024	P3815-04	BN033797.D	09/07/2024	00:41
MW-10A-9.5-083024	P3815-05	BN033798.D	09/07/2024	01:17
MW-11B-37.5-090424	P3841-03	BN033799.D	09/07/2024	01:53
PB163149BL	PB163149BL	BN033800.D	09/07/2024	02:29
PB163149BS	PB163149BS	BN033801.D	09/07/2024	03:06
PB163149BSD	PB163149BSD	BN033802.D	09/07/2024	03:42
OW-06B-76.5-090324	P3827-01	BN033803.D	09/07/2024	04:18
BR-03D-489.5-090324	P3827-02	BN033804.D	09/07/2024	04:54
OW-04B-26.5-090324	P3827-03	BN033805.D	09/07/2024	05:30
MW-11A-13.5-090324	P3827-04	BN033806.D	09/07/2024	06:07
SP6615	SP6615	BN033807.D	09/07/2024	06:43
SP6616	SP6616	BN033808.D	09/07/2024	07:19
SSTDCCC0.4EC	SSTDCCC0.4	BN033809.D	09/07/2024	07:55