

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN062124 SAS No.: BN062124 SDG No.: BN062124

Instrument ID: BNA_N Calibration Date/Time: 6/21/2024 1:13:39

Lab File ID: BN032129.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	0.637	0.000		0.0	20.0
Fluoranthene-d10	1.089	0.000		0.0	20.0
n-Nitrosodimethylamine	0.465	0.361		-22.3638	20.0
2-Fluorophenol	1.137	0.987		-13.2517	20.0
Phenol-d6	1.491	1.363		-8.5818	20.0
bis(2-Chloroethyl) ether	1.284	1.040		-19.0533	20.0
Nitrobenzene-d5	0.332	0.295		-11.1071	20.0
Naphthalene	1.077	1.044		-3.0941	20.0
Hexachlorobutadiene	0.188	0.202		7.3415	20.0
2-Methylnaphthalene	0.736	0.744		1.061	20.0
2-Fluorobiphenyl	1.517	1.485		-2.1107	20.0
Acenaphthylene	1.844	1.721		-6.6986	20.0
Acenaphthene	1.187	1.124		-5.2846	20.0
Fluorene	1.586	1.456		-8.1637	20.0
4,6-Dinitro-2-methylphenol	0.069	0.018		-73.2726	20.0
2,4,6-Tribromophenol	0.192	0.170		-11.1635	20.0
4-Bromophenyl-phenylether	0.227	0.239		5.2367	20.0
Hexachlorobenzene	0.235	0.266		13.3102	20.0
Atrazine	0.208	0.189		-9.2381	20.0
Pentachlorophenol	0.117	0.076		-35.2677	20.0
Phenanthrene	1.110	1.095		-1.3298	20.0
Anthracene	1.030	1.004		-2.5495	20.0
Fluoranthene	1.346	1.163		-13.6089	20.0
Pyrene	1.589	1.907		19.9655	20.0
Terphenyl-d14	0.978	1.108		13.2796	20.0
Benzo(a)anthracene	1.507	1.496		-0.7341	20.0
Chrysene	1.424	1.413		-0.8247	20.0
Bis(2-ethylhexyl)phthalate	1.029	1.345		30.7355	20.0
Benzo(b)fluoranthene	1.458	1.524		4.5091	20.0
Benzo(k)fluoranthene	1.378	1.484		7.6311	20.0
Benzo(a)pyrene	1.258	1.259		0.1012	20.0
Indeno(1,2,3-cd)pyrene	1.492	1.612		8.0158	20.0
Dibenzo(a,h)anthracene	1.176	1.277		8.6143	20.0
Benzo(g,h,i)perylene	1.263	1.343		6.2814	20.0
1,4-Dioxane	0.490	0.507		3.4236	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.: BN062124 SAS No.: BN062124 SDG No.: BN062124

Instrument ID: BNA_N Calibration Date/Time: 6/21/2024 1: 22:49

Lab File ID: BN032144.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	0.637	0.000		0.0	50.0
Fluoranthene-d10	1.089	0.000		0.0	50.0
n-Nitrosodimethylamine	0.465	0.355		-23.7613	50.0
2-Fluorophenol	1.137	0.950		-16.444	50.0
Phenol-d6	1.491	1.342		-10.0338	50.0
bis(2-Chloroethyl) ether	1.284	1.061		-17.3513	50.0
Nitrobenzene-d5	0.332	0.284		-14.6693	50.0
Naphthalene	1.077	1.045		-2.9636	50.0
Hexachlorobutadiene	0.188	0.199		5.8361	50.0
2-Methylnaphthalene	0.736	0.753		2.2878	50.0
2-Fluorobiphenyl	1.517	1.486		-2.05	50.0
Acenaphthylene	1.844	1.642		-10.9511	50.0
Acenaphthene	1.187	1.140		-3.9429	50.0
Fluorene	1.586	1.490		-6.0148	50.0
4,6-Dinitro-2-methylphenol	0.069	0.030		-57.0548	50.0
2,4,6-Tribromophenol	0.192	0.163		-15.1038	50.0
4-Bromophenyl-phenylether	0.227	0.233		2.6854	50.0
Hexachlorobenzene	0.235	0.262		11.3478	50.0
Atrazine	0.208	0.165		-20.8408	50.0
Pentachlorophenol	0.117	0.078		-32.9721	50.0
Phenanthrene	1.110	1.110		0.0346	50.0
Anthracene	1.030	0.961		-6.6638	50.0
Fluoranthene	1.346	1.220		-9.3399	50.0
Pyrene	1.589	1.886		18.6543	50.0
Terphenyl-d14	0.978	1.102		12.7335	50.0
Benzo(a)anthracene	1.507	1.460		-3.1151	50.0
Chrysene	1.424	1.440		1.1156	50.0
Bis(2-ethylhexyl)phthalate	1.029	1.046		1.7101	50.0
Benzo(b)fluoranthene	1.458	1.606		10.1399	50.0
Benzo(k)fluoranthene	1.378	1.501		8.8642	50.0
Benzo(a)pyrene	1.258	1.308		3.9938	50.0
Indeno(1,2,3-cd)pyrene	1.492	1.609		7.859	50.0
Dibenzo(a,h)anthracene	1.176	1.284		9.2118	50.0
Benzo(g,h,i)perylene	1.263	1.356		7.3049	50.0
1,4-Dioxane	0.490	0.506		3.3642	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.: BN062124 SAS No.: BN062124 SDG No.: BN062124

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:00:44

Lab File ID: BN032146.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	0.637	0.000		0.0	20.0
Fluoranthene-d10	1.089	0.000		0.0	20.0
n-Nitrosodimethylamine	0.465	0.357		-23.2185	20.0
2-Fluorophenol	1.137	0.935		-17.8039	20.0
Phenol-d6	1.491	1.322		-11.3353	20.0
bis(2-Chloroethyl) ether	1.284	1.051		-18.1894	20.0
Nitrobenzene-d5	0.332	0.281		-15.4025	20.0
Naphthalene	1.077	1.053		-2.2002	20.0
Hexachlorobutadiene	0.188	0.199		5.7778	20.0
2-Methylnaphthalene	0.736	0.754		2.4871	20.0
2-Fluorobiphenyl	1.517	1.492		-1.6606	20.0
Acenaphthylene	1.844	1.639		-11.1219	20.0
Acenaphthene	1.187	1.139		-4.0425	20.0
Fluorene	1.586	1.464		-7.6733	20.0
4,6-Dinitro-2-methylphenol	0.069	0.029		-57.5749	20.0
2,4,6-Tribromophenol	0.192	0.156		-18.7348	20.0
4-Bromophenyl-phenylether	0.227	0.239		5.4537	20.0
Hexachlorobenzene	0.235	0.264		12.3292	20.0
Atrazine	0.208	0.167		-19.8292	20.0
Pentachlorophenol	0.117	0.079		-32.1834	20.0
Phenanthrene	1.110	1.104		-0.5543	20.0
Anthracene	1.030	0.947		-8.0316	20.0
Fluoranthene	1.346	1.155		-14.1588	20.0
Pyrene	1.589	1.971		24.0108	20.0
Terphenyl-d14	0.978	1.158		18.4009	20.0
Benzo(a)anthracene	1.507	1.484		-1.4958	20.0
Chrysene	1.424	1.449		1.7395	20.0
Bis(2-ethylhexyl)phthalate	1.029	1.141		10.9452	20.0
Benzo(b)fluoranthene	1.458	1.567		7.4831	20.0
Benzo(k)fluoranthene	1.378	1.508		9.4103	20.0
Benzo(a)pyrene	1.258	1.304		3.6575	20.0
Indeno(1,2,3-cd)pyrene	1.492	1.635		9.5534	20.0
Dibenzo(a,h)anthracene	1.176	1.306		11.1195	20.0
Benzo(g,h,i)perylene	1.263	1.382		9.4157	20.0
1,4-Dioxane	0.490	0.507		3.4991	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.: BN062124 SAS No.: BN062124 SDG No.: BN062124

Instrument ID: BNA_N Calibration Date/Time: 6/22/2024 1:07:59

Lab File ID: BN032158.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	0.637	0.000		0.0	50.0
Fluoranthene-d10	1.089	0.000		0.0	50.0
n-Nitrosodimethylamine	0.465	0.351		-24.5678	50.0
2-Fluorophenol	1.137	0.935		-17.7786	50.0
Phenol-d6	1.491	1.339		-10.199	50.0
bis(2-Chloroethyl) ether	1.284	1.062		-17.3063	50.0
Nitrobenzene-d5	0.332	0.278		-16.2882	50.0
Naphthalene	1.077	1.045		-2.9949	50.0
Hexachlorobutadiene	0.188	0.196		4.2205	50.0
2-Methylnaphthalene	0.736	0.745		1.228	50.0
2-Fluorobiphenyl	1.517	1.498		-1.3112	50.0
Acenaphthylene	1.844	1.642		-10.9513	50.0
Acenaphthene	1.187	1.140		-3.9043	50.0
Fluorene	1.586	1.464		-7.6515	50.0
4,6-Dinitro-2-methylphenol	0.069	0.034		-51.2254	50.0
2,4,6-Tribromophenol	0.192	0.159		-17.1064	50.0
4-Bromophenyl-phenylether	0.227	0.240		5.605	50.0
Hexachlorobenzene	0.235	0.266		13.2457	50.0
Atrazine	0.208	0.169		-18.6902	50.0
Pentachlorophenol	0.117	0.078		-32.7725	50.0
Phenanthrene	1.110	1.109		-0.0925	50.0
Anthracene	1.030	0.956		-7.2315	50.0
Fluoranthene	1.346	1.155		-14.2021	50.0
Pyrene	1.589	1.967		23.7751	50.0
Terphenyl-d14	0.978	1.160		18.6699	50.0
Benzo(a)anthracene	1.507	1.448		-3.9235	50.0
Chrysene	1.424	1.429		0.2978	50.0
Bis(2-ethylhexyl)phthalate	1.029	1.018		-1.016	50.0
Benzo(b)fluoranthene	1.458	1.554		6.5932	50.0
Benzo(k)fluoranthene	1.378	1.539		11.6359	50.0
Benzo(a)pyrene	1.258	1.320		4.9134	50.0
Indeno(1,2,3-cd)pyrene	1.492	1.631		9.2788	50.0
Dibenzo(a,h)anthracene	1.176	1.305		10.9823	50.0
Benzo(g,h,i)perylene	1.263	1.386		9.7321	50.0
1,4-Dioxane	0.490	0.510		4.0672	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BL	SDG No.:	BN062124
Lab Sample ID:	PB161619BL	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
BN032130.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

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	0.028	U	0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.024	U	0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.026	U	0.026	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	0.021	U	0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.018	U	0.018	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	0.026	U	0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.029	U	0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.023	U	0.023	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	0.024	U	0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.023	U	0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.022	U	0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.022	U	0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.026	U	0.026	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	0.032	U	0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.034	U	0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.056	U	0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.038	U	0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.039	U	0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.037	U	0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.068	U	0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BL	SDG No.:	BN062124
Lab Sample ID:	PB161619BL	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
BN032130.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.349		30-150		87	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.315		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.363		10-92		91	SPK: -0.4
13127-88-3	Phenol-d6	0.319		10-100		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.32		11-175		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.362		10-175		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.208		24-148		52	SPK: -0.4
1718-51-0	Terphenyl-d14	0.379		54-171		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9110	7.639				
1146-65-2	Naphthalene-d8	29616	10.421				
15067-26-2	Acenaphthene-d10	18972	14.285				
1517-22-2	Phenanthrene-d10	36066	17.028				
1719-03-5	Chrysene-d12	24118	21.238				
1520-96-3	Perylene-d12	23672	23.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BS	SDG No.:	BN062124
Lab Sample ID:	PB161619BS	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
BN032131.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.026	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.38		0.018	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.27		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.35		0.023	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.37		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.38		0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.48		0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.026	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.5		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.42		0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BS	SDG No.:	BN062124
Lab Sample ID:	PB161619BS	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
BN032131.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.397		30-150		99	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.34		30-150		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.339		10-92		85	SPK: -0.4
13127-88-3	Phenol-d6	0.36		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.349		11-175		87	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.39		10-175		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.351		24-148		88	SPK: -0.4
1718-51-0	Terphenyl-d14	0.45		54-171		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9083	7.639				
1146-65-2	Naphthalene-d8	31872	10.421				
15067-26-2	Acenaphthene-d10	21106	14.274				
1517-22-2	Phenanthrene-d10	43473	17.029				
1719-03-5	Chrysene-d12	27479	21.229				
1520-96-3	Perylene-d12	24247	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BSD	SDG No.:	BN062124
Lab Sample ID:	PB161619BSD	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
BN032132.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.026	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.37		0.018	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.27		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.43		0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.35		0.023	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.37		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	0.38		0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.48		0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.39		0.026	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.49		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.42		0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161619BSD	SDG No.:	BN062124
Lab Sample ID:	PB161619BSD	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
BN032132.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.394		30-150		98	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.332		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.338		10-92		84	SPK: -0.4
13127-88-3	Phenol-d6	0.362		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.345		11-175		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.392		10-175		98	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.339		24-148		85	SPK: -0.4
1718-51-0	Terphenyl-d14	0.462		54-171		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9441	7.639				
1146-65-2	Naphthalene-d8	33234	10.421				
15067-26-2	Acenaphthene-d10	21915	14.274				
1517-22-2	Phenanthrene-d10	43502	17.029				
1719-03-5	Chrysene-d12	26308	21.229				
1520-96-3	Perylene-d12	23696	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	GWBR-05-115-142-61924	SDG No.:	BN062124
Lab Sample ID:	P2978-01	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
BN032133.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

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
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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.05	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.07	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.1		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.15		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.16		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	0.17		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.18		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.15		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.18		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.17		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.16		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.35		0.07	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	GWBR-05-115-142-61924	SDG No.:	BN062124
Lab Sample ID:	P2978-01	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
BN032133.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161619

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.269		30-150		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.28		30-150		70	SPK: -0.4
367-12-4	2-Fluorophenol	0.15		10-92		38	SPK: -0.4
13127-88-3	Phenol-d6	0.082		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.241		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.287		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.261		24-148		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.413		54-171		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9406	7.639				
1146-65-2	Naphthalene-d8	32347	10.421				
15067-26-2	Acenaphthene-d10	21342	14.285				
1517-22-2	Phenanthrene-d10	41884	17.029				
1719-03-5	Chrysene-d12	24688	21.229				
1520-96-3	Perylene-d12	23316	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.07	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BS	SDG No.:	BN062124
Lab Sample ID:	PB161642BS	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
BN032134.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.026	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.38		0.018	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.27		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41		0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.34		0.023	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.38		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	0.39		0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.45		0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.026	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.45		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.44		0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BS	SDG No.:	BN062124
Lab Sample ID:	PB161642BS	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
BN032134.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.397		30-150		99	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.359		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.334		10-92		83	SPK: -0.4
13127-88-3	Phenol-d6	0.361		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.339		11-175		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.39		10-175		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.356		24-148		89	SPK: -0.4
1718-51-0	Terphenyl-d14	0.425		54-171		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8270	7.639				
1146-65-2	Naphthalene-d8	29658	10.421				
15067-26-2	Acenaphthene-d10	19914	14.274				
1517-22-2	Phenanthrene-d10	41903	17.029				
1719-03-5	Chrysene-d12	29800	21.229				
1520-96-3	Perylene-d12	25834	23.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BL	SDG No.:	BN062124
Lab Sample ID:	PB161642BL	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
BN032135.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

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	0.028	U	0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.024	U	0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.026	U	0.026	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	0.021	U	0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.018	U	0.018	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	0.026	U	0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.029	U	0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.023	U	0.023	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	0.024	U	0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.023	U	0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.022	U	0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.022	U	0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.026	U	0.026	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	0.032	U	0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.034	U	0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.056	U	0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.038	U	0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.039	U	0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.037	U	0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.068	U	0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BL	SDG No.:	BN062124
Lab Sample ID:	PB161642BL	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
BN032135.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.346		30-150		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.318		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.354		10-92		88	SPK: -0.4
13127-88-3	Phenol-d6	0.303		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.31		11-175		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		10-175		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.195		24-148		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.397		54-171		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9047	7.639				
1146-65-2	Naphthalene-d8	29054	10.421				
15067-26-2	Acenaphthene-d10	19079	14.285				
1517-22-2	Phenanthrene-d10	37007	17.029				
1719-03-5	Chrysene-d12	24048	21.229				
1520-96-3	Perylene-d12	23172	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BSD	SDG No.:	BN062124
Lab Sample ID:	PB161642BSD	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
BN032136.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.026	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.38		0.018	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.27		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.34		0.023	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.37		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	0.38		0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.46		0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.026	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.44		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.43		0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161642BSD	SDG No.:	BN062124
Lab Sample ID:	PB161642BSD	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
BN032136.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.398		30-150		100	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.352		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.333		10-92		83	SPK: -0.4
13127-88-3	Phenol-d6	0.358		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.335		11-175		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.39		10-175		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.342		24-148		86	SPK: -0.4
1718-51-0	Terphenyl-d14	0.439		54-171		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9075	7.639				
1146-65-2	Naphthalene-d8	32472	10.421				
15067-26-2	Acenaphthene-d10	21842	14.274				
1517-22-2	Phenanthrene-d10	45413	17.029				
1719-03-5	Chrysene-d12	30531	21.229				
1520-96-3	Perylene-d12	26430	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-EB-20240618	SDG No.:	BN062124
Lab Sample ID:	P3002-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	880 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
BN032137.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.24		0.03	0.23	0.23	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
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	0.23	0.23	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	0.23	0.23	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.06	J	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.09	J	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.12		0.03	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.19		0.03	0.11	0.11	ug/L
218-01-9	Chrysene	0.19		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.16	0.23	0.23	ug/L
205-99-2	Benzo(b)fluoranthene	0.22		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.22		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.18		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.21		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.21		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.19		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.23	0.23	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-EB-20240618	SDG No.:	BN062124
Lab Sample ID:	P3002-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	880 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
BN032137.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.294		30-150		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.343		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.16		10-92		40	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.255		11-175		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		10-175		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.294		24-148		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.452		54-171		113	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8113	7.639				
1146-65-2	Naphthalene-d8	27969	10.421				
15067-26-2	Acenaphthene-d10	18831	14.274				
1517-22-2	Phenanthrene-d10	39752	17.029				
1719-03-5	Chrysene-d12	26391	21.229				
1520-96-3	Perylene-d12	23035	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.08	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-580-582	SDG No.:	BN062124
Lab Sample ID:	P3002-03	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032138.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3	U	0.3	2	2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28	U	0.28	1	1	ug/L
91-20-3	Naphthalene	0.24	U	0.24	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.26	U	0.26	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.3	U	0.3	1	1	ug/L
208-96-8	Acenaphthylene	0.21	U	0.21	1	1	ug/L
83-32-9	Acenaphthene	0.2	U	0.2	1	1	ug/L
86-73-7	Fluorene	0.18	U	0.18	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2	2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.26	U	0.26	1	1	ug/L
118-74-1	Hexachlorobenzene	0.29	U	0.29	1	1	ug/L
1912-24-9	Atrazine	0.23	U	0.23	1	1	ug/L
87-86-5	Pentachlorophenol	0.9	U	0.9	2	2	ug/L
85-01-8	Phenanthrene	0.34	J	0.2	1	1	ug/L
120-12-7	Anthracene	0.35	J	0.24	1	1	ug/L
206-44-0	Fluoranthene	0.41	J	0.23	1	1	ug/L
129-00-0	Pyrene	0.52	J	0.22	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.43	J	0.22	1	1	ug/L
218-01-9	Chrysene	0.45	J	0.26	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.2		1.4	2	2	ug/L
205-99-2	Benzo(b)fluoranthene	0.51	J	0.32	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41	J	0.34	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38	U	0.38	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39	U	0.39	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37	U	0.37	1	1	ug/L
123-91-1	1,4-Dioxane	0.68	U	0.68	2	2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-580-582	SDG No.:	BN062124
Lab Sample ID:	P3002-03	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032138.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.225		30-150		56	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.127		30-150		32	SPK: -0.4
367-12-4	2-Fluorophenol	0.119		10-92		30	SPK: -0.4
13127-88-3	Phenol-d6	0.119		10-100		30	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.192		11-175		48	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.25		10-175		63	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.152		24-148		38	SPK: -0.4
1718-51-0	Terphenyl-d14	0.216		54-171		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11050	7.639				
1146-65-2	Naphthalene-d8	36962	10.421				
15067-26-2	Acenaphthene-d10	23123	14.274				
1517-22-2	Phenanthrene-d10	46916	17.029				
1719-03-5	Chrysene-d12	28409	21.229				
1520-96-3	Perylene-d12	28632	23.449				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.68	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-600-602	SDG No.:	BN062124
Lab Sample ID:	P3002-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032139.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3	U	0.3	2	2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28	U	0.28	1	1	ug/L
91-20-3	Naphthalene	0.24	U	0.24	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.26	U	0.26	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.3	U	0.3	1	1	ug/L
208-96-8	Acenaphthylene	0.21	U	0.21	1	1	ug/L
83-32-9	Acenaphthene	0.2	U	0.2	1	1	ug/L
86-73-7	Fluorene	0.18	U	0.18	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2	2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.26	U	0.26	1	1	ug/L
118-74-1	Hexachlorobenzene	0.29	U	0.29	1	1	ug/L
1912-24-9	Atrazine	0.23	U	0.23	1	1	ug/L
87-86-5	Pentachlorophenol	0.9	U	0.9	2	2	ug/L
85-01-8	Phenanthrene	0.25	J	0.2	1	1	ug/L
120-12-7	Anthracene	0.41	J	0.24	1	1	ug/L
206-44-0	Fluoranthene	0.51	J	0.23	1	1	ug/L
129-00-0	Pyrene	0.71	J	0.22	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.73	J	0.22	1	1	ug/L
218-01-9	Chrysene	0.77	J	0.26	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	9.9		1.4	2	2	ug/L
205-99-2	Benzo(b)fluoranthene	0.74	J	0.32	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	0.64	J	0.34	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.53	J	0.38	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.53	J	0.39	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44	J	0.37	1	1	ug/L
123-91-1	1,4-Dioxane	0.68	U	0.68	2	2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-600-602	SDG No.:	BN062124
Lab Sample ID:	P3002-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032139.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.216		30-150		54	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.224		30-150		56	SPK: -0.4
367-12-4	2-Fluorophenol	0.114		10-92		28	SPK: -0.4
13127-88-3	Phenol-d6	0.108		10-100		27	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.181		11-175		45	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.222		10-175		56	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.15		24-148		38	SPK: -0.4
1718-51-0	Terphenyl-d14	0.322		54-171		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9572	7.639				
1146-65-2	Naphthalene-d8	32903	10.421				
15067-26-2	Acenaphthene-d10	22247	14.274				
1517-22-2	Phenanthrene-d10	46886	17.029				
1719-03-5	Chrysene-d12	28956	21.229				
1520-96-3	Perylene-d12	25792	23.449				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.68	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-620-622	SDG No.:	BN062124
Lab Sample ID:	P3002-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	740 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
BN032140.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.27	0.27	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.19	U	0.19	0.27	0.27	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.27	0.27	ug/L
85-01-8	Phenanthrene	0.04	J	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.07	J	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.09	J	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.14		0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.19		0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.2		0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.74		0.19	0.27	0.27	ug/L
205-99-2	Benzo(b)fluoranthene	0.18		0.04	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.18		0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.13	J	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	J	0.05	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.14		0.05	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11	J	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.27	0.27	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-620-622	SDG No.:	BN062124
Lab Sample ID:	P3002-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	740 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
BN032140.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.291		30-150		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.302		30-150		75	SPK: -0.4
367-12-4	2-Fluorophenol	0.203		10-92		51	SPK: -0.4
13127-88-3	Phenol-d6	0.145		10-100		36	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.247		11-175		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.288		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.295		24-148		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.44		54-171		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9827	7.639				
1146-65-2	Naphthalene-d8	34184	10.421				
15067-26-2	Acenaphthene-d10	22697	14.274				
1517-22-2	Phenanthrene-d10	45840	17.028				
1719-03-5	Chrysene-d12	26824	21.229				
1520-96-3	Perylene-d12	24650	23.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.09	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-640-642	SDG No.:	BN062124
Lab Sample ID:	P3002-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032141.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3	U	0.3	2	2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28	U	0.28	1	1	ug/L
91-20-3	Naphthalene	0.24	U	0.24	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.26	U	0.26	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.3	U	0.3	1	1	ug/L
208-96-8	Acenaphthylene	0.21	U	0.21	1	1	ug/L
83-32-9	Acenaphthene	0.2	U	0.2	1	1	ug/L
86-73-7	Fluorene	0.18	U	0.18	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2	2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.26	U	0.26	1	1	ug/L
118-74-1	Hexachlorobenzene	0.29	U	0.29	1	1	ug/L
1912-24-9	Atrazine	0.23	U	0.23	1	1	ug/L
87-86-5	Pentachlorophenol	0.9	U	0.9	2	2	ug/L
85-01-8	Phenanthrene	0.28	J	0.2	1	1	ug/L
120-12-7	Anthracene	0.41	J	0.24	1	1	ug/L
206-44-0	Fluoranthene	0.58	J	0.23	1	1	ug/L
129-00-0	Pyrene	0.68	J	0.22	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.97	J	0.22	1	1	ug/L
218-01-9	Chrysene	1.1		0.26	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.4		1.4	2	2	ug/L
205-99-2	Benzo(b)fluoranthene	1.7		0.32	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	1.6		0.34	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.97	J	0.56	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1		0.38	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3		0.39	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.93	J	0.37	1	1	ug/L
123-91-1	1,4-Dioxane	0.69	J	0.68	2	2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-640-642	SDG No.:	BN062124
Lab Sample ID:	P3002-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032141.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.262		30-150		65	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.261		30-150		65	SPK: -0.4
367-12-4	2-Fluorophenol	0.254		10-92		63	SPK: -0.4
13127-88-3	Phenol-d6	0.206		10-100		51	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.233		11-175		58	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.335		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.349		24-148		87	SPK: -0.4
1718-51-0	Terphenyl-d14	0.416		54-171		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11681	7.639				
1146-65-2	Naphthalene-d8	38899	10.421				
15067-26-2	Acenaphthene-d10	20748	14.274				
1517-22-2	Phenanthrene-d10	47919	17.029				
1719-03-5	Chrysene-d12	27055	21.229				
1520-96-3	Perylene-d12	13406	23.449				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.68	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	GWBR-05-145-165-062024	SDG No.:	BN062124
Lab Sample ID:	P3004-01	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
BN032142.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

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
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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.06	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.12		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.17		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.18		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.45		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.19		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.2		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.17		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.2		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.2		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.17		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.45		0.07	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	GWBR-05-145-165-062024	SDG No.:	BN062124
Lab Sample ID:	P3004-01	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
BN032142.D	1	6/21/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161642

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.311		30-150		78	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.326		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.165		10-92		41	SPK: -0.4
13127-88-3	Phenol-d6	0.09		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.262		11-175		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.308		10-175		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.308		24-148		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.457		54-171		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8990	7.639				
1146-65-2	Naphthalene-d8	31418	10.421				
15067-26-2	Acenaphthene-d10	21416	14.274				
1517-22-2	Phenanthrene-d10	44145	17.029				
1719-03-5	Chrysene-d12	26284	21.229				
1520-96-3	Perylene-d12	23684	23.449				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.07	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BP-VPB-189-GW-318-320	SDG No.:	BN062124
Lab Sample ID:	P2839-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	690 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
BN032143.D	1	6/11/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.29	0.29	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.2	U	0.2	0.29	0.29	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.13	U	0.13	0.29	0.29	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2	U	0.2	0.29	0.29	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	U	0.06	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.06	U	0.06	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.29		0.1	0.29	0.29	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BP-VPB-189-GW-318-320	SDG No.:	BN062124
Lab Sample ID:	P2839-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	690 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
BN032143.D	1	6/11/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161445

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.156		30-150		39	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.154		30-150		38	SPK: -0.4
367-12-4	2-Fluorophenol	0.081		10-92		20	SPK: -0.4
13127-88-3	Phenol-d6	0.052		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.132		11-175		33	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.159		10-175		40	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.148		24-148		37	SPK: -0.4
1718-51-0	Terphenyl-d14	0.249		54-171		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19394	7.639				
1146-65-2	Naphthalene-d8	67296	10.421				
15067-26-2	Acenaphthene-d10	45030	14.274				
1517-22-2	Phenanthrene-d10	92560	17.028				
1719-03-5	Chrysene-d12	52965	21.229				
1520-96-3	Perylene-d12	48044	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BL	SDG No.:	BN062124
Lab Sample ID:	PB161510BL	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
BN032147.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

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	0.028	U	0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.024	U	0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.026	U	0.026	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	0.021	U	0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.018	U	0.018	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	0.026	U	0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.029	U	0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.023	U	0.023	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	0.024	U	0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.023	U	0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.022	U	0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.022	U	0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.026	U	0.026	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	0.032	U	0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.034	U	0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.056	U	0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.038	U	0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.039	U	0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.037	U	0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.068	U	0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BL	SDG No.:	BN062124
Lab Sample ID:	PB161510BL	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
BN032147.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.34		30-150		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.316		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.348		10-92		87	SPK: -0.4
13127-88-3	Phenol-d6	0.291		10-100		73	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.304		11-175		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.357		10-175		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.176		24-148		44	SPK: -0.4
1718-51-0	Terphenyl-d14	0.416		54-171		104	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9117	7.639				
1146-65-2	Naphthalene-d8	29232	10.421				
15067-26-2	Acenaphthene-d10	18728	14.285				
1517-22-2	Phenanthrene-d10	36080	17.029				
1719-03-5	Chrysene-d12	22024	21.229				
1520-96-3	Perylene-d12	21874	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BS	SDG No.:	BN062124
Lab Sample ID:	PB161510BS	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
BN032148.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

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	0.028	U	0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.024	U	0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.026	U	0.026	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	0.021	U	0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.018	U	0.018	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	0.026	U	0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.029	U	0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.023	U	0.023	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	0.024	U	0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.023	U	0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.022	U	0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.022	U	0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.026	U	0.026	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	0.032	U	0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.034	U	0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.056	U	0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.038	U	0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.039	U	0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.037	U	0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.068	U	0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BS	SDG No.:	BN062124
Lab Sample ID:	PB161510BS	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
BN032148.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0	U	30-150		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	30-150		0	SPK: -0.4
367-12-4	2-Fluorophenol	0	U	10-92		0	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0	U	11-175		0	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0	U	10-175		0	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0	U	24-148		0	SPK: -0.4
1718-51-0	Terphenyl-d14	0	U	54-171		0	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	0	0				
1146-65-2	Naphthalene-d8	0	0				
15067-26-2	Acenaphthene-d10	0	0				
1517-22-2	Phenanthrene-d10	0	0				
1719-03-5	Chrysene-d12	0	0				
1520-96-3	Perylene-d12	0	0				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BSD	SDG No.:	BN062124
Lab Sample ID:	PB161510BSD	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
BN032149.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.028	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.024	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.026	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.021	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.37		0.018	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.31		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.026	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.45		0.029	0.1	0.1	ug/L
1912-24-9	Atrazine	0.31		0.023	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.37		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	0.37		0.024	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.023	0.1	0.1	ug/L
129-00-0	Pyrene	0.49		0.022	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.022	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.026	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	0.44		0.032	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.034	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.056	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.038	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.45		0.039	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.037	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.068	0.2	0.2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	PB161510BSD	SDG No.:	BN062124
Lab Sample ID:	PB161510BSD	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
BN032149.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.394		30-150		98	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.332		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.332		10-92		83	SPK: -0.4
13127-88-3	Phenol-d6	0.359		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.336		11-175		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.391		10-175		98	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.315		24-148		79	SPK: -0.4
1718-51-0	Terphenyl-d14	0.474		54-171		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10672	7.639				
1146-65-2	Naphthalene-d8	37753	10.41				
15067-26-2	Acenaphthene-d10	25057	14.274				
1517-22-2	Phenanthrene-d10	50736	17.028				
1719-03-5	Chrysene-d12	29690	21.229				
1520-96-3	Perylene-d12	26043	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.068	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-EB-20240610	SDG No.:	BN062124
Lab Sample ID:	P2891-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	780 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
BN032150.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.26	0.26	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.13	0.13	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.13	0.13	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.13	0.13	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.13	0.13	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.13	0.13	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.13	0.13	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.13	0.13	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.18	0.26	0.26	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.13	0.13	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.13	0.13	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.13	0.13	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.26	0.26	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.13	0.13	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.13	0.13	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.13	0.13	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.13	0.13	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.13	0.13	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.18	U	0.18	0.26	0.26	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.13	0.13	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.13	0.13	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.13	0.13	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.13	0.13	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.26	0.26	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-EB-20240610	SDG No.:	BN062124
Lab Sample ID:	P2891-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	780 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
BN032150.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.306		30-150		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.314		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.119		10-92		30	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.267		11-175		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.347		10-175		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.172		24-148		43	SPK: -0.4
1718-51-0	Terphenyl-d14	0.534		54-171		133	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9141	7.639				
1146-65-2	Naphthalene-d8	31378	10.421				
15067-26-2	Acenaphthene-d10	22366	14.274				
1517-22-2	Phenanthrene-d10	45636	17.029				
1719-03-5	Chrysene-d12	27889	21.229				
1520-96-3	Perylene-d12	24230	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.09	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-420-422	SDG No.:	BN062124
Lab Sample ID:	P2891-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	770 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
BN032151.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.26	0.26	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.13	0.13	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.13	0.13	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.13	0.13	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.13	0.13	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.13	0.13	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.13	0.13	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.13	0.13	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.18	0.26	0.26	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.13	0.13	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.13	0.13	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.13	0.13	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.26	0.26	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.13	0.13	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.13	0.13	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.13	0.13	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.13	0.13	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.13	0.13	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.71		0.18	0.26	0.26	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.13	0.13	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.13	0.13	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.13	0.13	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.13	0.13	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.13	0.13	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.26	0.26	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-420-422	SDG No.:	BN062124
Lab Sample ID:	P2891-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	770 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
BN032151.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.288		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.282		30-150		70	SPK: -0.4
367-12-4	2-Fluorophenol	0.133		10-92		33	SPK: -0.4
13127-88-3	Phenol-d6	0.079		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.251		11-175		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.306		10-175		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.263		24-148		66	SPK: -0.4
1718-51-0	Terphenyl-d14	0.455		54-171		114	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11052	7.639				
1146-65-2	Naphthalene-d8	37981	10.421				
15067-26-2	Acenaphthene-d10	24154	14.274				
1517-22-2	Phenanthrene-d10	49945	17.028				
1719-03-5	Chrysene-d12	28529	21.229				
1520-96-3	Perylene-d12	27528	23.443				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.09	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-440-442	SDG No.:	BN062124
Lab Sample ID:	P2891-07	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	690 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
BN032152.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.29	0.29	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.2	U	0.2	0.29	0.29	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.13	U	0.13	0.29	0.29	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2	U	0.2	0.29	0.29	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	U	0.06	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.06	U	0.06	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.1	0.29	0.29	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-440-442	SDG No.:	BN062124
Lab Sample ID:	P2891-07	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	690 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
BN032152.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.342		30-150		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.323		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.149		10-92		37	SPK: -0.4
13127-88-3	Phenol-d6	0.084		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.296		11-175		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		10-175		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.27		24-148		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.49		54-171		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9775	7.639				
1146-65-2	Naphthalene-d8	33647	10.421				
15067-26-2	Acenaphthene-d10	22560	14.274				
1517-22-2	Phenanthrene-d10	46025	17.029				
1719-03-5	Chrysene-d12	26687	21.229				
1520-96-3	Perylene-d12	23955	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-460-462	SDG No.:	BN062124
Lab Sample ID:	P2891-08	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	710 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
BN032153.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.28	0.28	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.2	U	0.2	0.28	0.28	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.13	U	0.13	0.28	0.28	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2	U	0.2	0.28	0.28	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.1	U	0.1	0.28	0.28	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-460-462	SDG No.:	BN062124
Lab Sample ID:	P2891-08	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	710 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
BN032153.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.32		30-150		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.312		30-150		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.152		10-92		38	SPK: -0.4
13127-88-3	Phenol-d6	0.09		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.288		11-175		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.358		10-175		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.256		24-148		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.442		54-171		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11638	7.639				
1146-65-2	Naphthalene-d8	38079	10.41				
15067-26-2	Acenaphthene-d10	23079	14.274				
1517-22-2	Phenanthrene-d10	42225	17.029				
1719-03-5	Chrysene-d12	26588	21.229				
1520-96-3	Perylene-d12	27284	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-480-482	SDG No.:	BN062124
Lab Sample ID:	P2891-10	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	740 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
BN032154.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.27	0.27	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.14	0.14	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.14	0.14	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.14	0.14	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.14	0.14	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.14	0.14	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.14	0.14	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.14	0.14	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.19	U	0.19	0.27	0.27	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.14	0.14	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.14	0.14	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.14	0.14	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	0.27	0.27	ug/L
85-01-8	Phenanthrene	0.04	J	0.03	0.14	0.14	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.14	0.14	ug/L
206-44-0	Fluoranthene	0.03	J	0.03	0.14	0.14	ug/L
129-00-0	Pyrene	0.03	J	0.03	0.14	0.14	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.14	0.14	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.14	0.14	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	U	0.19	0.27	0.27	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.04	0.14	0.14	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.14	0.14	ug/L
50-32-8	Benzo(a)pyrene	0.08	U	0.08	0.14	0.14	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.14	0.14	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.14	0.14	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.14	0.14	ug/L
123-91-1	1,4-Dioxane	0.09	U	0.09	0.27	0.27	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-480-482	SDG No.:	BN062124
Lab Sample ID:	P2891-10	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	740 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
BN032154.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.287		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.291		30-150		73	SPK: -0.4
367-12-4	2-Fluorophenol	0.145		10-92		36	SPK: -0.4
13127-88-3	Phenol-d6	0.083		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.25		11-175		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.311		10-175		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.243		24-148		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.507		54-171		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9627	7.639				
1146-65-2	Naphthalene-d8	33402	10.411				
15067-26-2	Acenaphthene-d10	21524	14.274				
1517-22-2	Phenanthrene-d10	43524	17.029				
1719-03-5	Chrysene-d12	23700	21.229				
1520-96-3	Perylene-d12	21837	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.09	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-510-512	SDG No.:	BN062124
Lab Sample ID:	P2892-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032155.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3	U	0.3	2	2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28	U	0.28	1	1	ug/L
91-20-3	Naphthalene	0.24	U	0.24	1	1	ug/L
87-68-3	Hexachlorobutadiene	0.26	U	0.26	1	1	ug/L
91-57-6	2-Methylnaphthalene	0.3	U	0.3	1	1	ug/L
208-96-8	Acenaphthylene	0.21	U	0.21	1	1	ug/L
83-32-9	Acenaphthene	0.2	U	0.2	1	1	ug/L
86-73-7	Fluorene	0.18	U	0.18	1	1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.4	U	1.4	2	2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.26	U	0.26	1	1	ug/L
118-74-1	Hexachlorobenzene	0.29	U	0.29	1	1	ug/L
1912-24-9	Atrazine	0.23	U	0.23	1	1	ug/L
87-86-5	Pentachlorophenol	0.9	U	0.9	2	2	ug/L
85-01-8	Phenanthrene	0.2	U	0.2	1	1	ug/L
120-12-7	Anthracene	0.24	U	0.24	1	1	ug/L
206-44-0	Fluoranthene	0.23	U	0.23	1	1	ug/L
129-00-0	Pyrene	0.22	U	0.22	1	1	ug/L
56-55-3	Benzo(a)anthracene	0.22	U	0.22	1	1	ug/L
218-01-9	Chrysene	0.26	U	0.26	1	1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.4		1.4	2	2	ug/L
205-99-2	Benzo(b)fluoranthene	0.32	U	0.32	1	1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34	U	0.34	1	1	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	1	1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38	U	0.38	1	1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39	U	0.39	1	1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37	U	0.37	1	1	ug/L
123-91-1	1,4-Dioxane	0.68	U	0.68	2	2	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	BP-VPB-196-GW-510-512	SDG No.:	BN062124
Lab Sample ID:	P2892-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	100 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
BN032155.D	1	6/14/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161510

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.277		30-150		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.189		30-150		47	SPK: -0.4
367-12-4	2-Fluorophenol	0.093		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.095		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.238		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.302		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.094	*	24-148		23	SPK: -0.4
1718-51-0	Terphenyl-d14	0.262		54-171		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11761	7.639				
1146-65-2	Naphthalene-d8	39571	10.41				
15067-26-2	Acenaphthene-d10	24249	14.274				
1517-22-2	Phenanthrene-d10	49437	17.029				
1719-03-5	Chrysene-d12	30341	21.22				
1520-96-3	Perylene-d12	30036	23.443				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.68	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL2	SDG No.:	BN062124
Lab Sample ID:	P2897-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032156.D	1	6/19/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	83		13	7.2	73	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	38	U	38	89.9	360	ug/Kg
91-20-3	Naphthalene	36	U	36	46.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.3	190	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46.3	190	ug/Kg
83-32-9	Acenaphthene	54	U	54	46.3	190	ug/Kg
86-73-7	Fluorene	63	U	63	46.3	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	89.9	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46.3	190	ug/Kg
1912-24-9	Atrazine	12	U	12	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	89.9	360	ug/Kg
85-01-8	Phenanthrene	58	U	58	46.3	190	ug/Kg
120-12-7	Anthracene	51	U	51	46.3	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	89.9	190	ug/Kg
129-00-0	Pyrene	50	U	50	46.3	190	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	46.3	190	ug/Kg
218-01-9	Chrysene	50	U	50	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.3	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	46.3	190	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	0.292	*	10-135		1	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	C0SL2	SDG No.:	BN062124
Lab Sample ID:	P2897-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN032156.D	1	6/19/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	10910	7.639				
1146-65-2	Naphthalene-d8	37908	10.411				
15067-26-2	Acenaphthene-d10	25208	14.274				
1517-22-2	Phenanthrene-d10	51217	17.029				
1719-03-5	Chrysene-d12	29773	21.22				
1520-96-3	Perylene-d12	27374	23.443				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	13	U			99	ug/Kg
	2-Methylnaphthalene-d10	12					
	2,4,6-Tribromophenol	11					
	2-Fluorobiphenyl	15					
	2-Fluorophenol	5.3					
	Fluoranthene-d10	11					
	n-Nitrosodimethylamine		U				
	Phenol-d6	3.5					
	Terphenyl-d14	20					

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-189-GW-520-522	SDG No.:	BN062124
Lab Sample ID:	P2927-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	850 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
BN032157.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.24	0.24	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.12	0.12	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.12	0.12	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.12	0.12	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.12	0.12	ug/L
208-96-8	Acenaphthylene	0.02	J	0.02	0.12	0.12	ug/L
83-32-9	Acenaphthene	0.03	J	0.02	0.12	0.12	ug/L
86-73-7	Fluorene	0.04	J	0.02	0.12	0.12	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.24	0.24	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.12	0.12	ug/L
118-74-1	Hexachlorobenzene	0.03	J	0.03	0.12	0.12	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.12	0.12	ug/L
87-86-5	Pentachlorophenol	0.21	J	0.11	0.24	0.24	ug/L
85-01-8	Phenanthrene	0.06	J	0.02	0.12	0.12	ug/L
120-12-7	Anthracene	0.05	J	0.03	0.12	0.12	ug/L
206-44-0	Fluoranthene	0.05	J	0.03	0.12	0.12	ug/L
129-00-0	Pyrene	0.08	J	0.03	0.12	0.12	ug/L
56-55-3	Benzo(a)anthracene	0.06	J	0.03	0.12	0.12	ug/L
218-01-9	Chrysene	0.06	J	0.03	0.12	0.12	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.24	0.24	ug/L
205-99-2	Benzo(b)fluoranthene	0.07	J	0.04	0.12	0.12	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	J	0.04	0.12	0.12	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.12	0.12	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	J	0.04	0.12	0.12	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.06	J	0.05	0.12	0.12	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	J	0.04	0.12	0.12	ug/L
123-91-1	1,4-Dioxane	2.2		0.08	0.24	0.24	ug/L

SURROGATES

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	BP-VPB-189-GW-520-522	SDG No.:	BN062124
Lab Sample ID:	P2927-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	850 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
BN032157.D	1	6/18/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161548

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
7297-45-2	2-Methylnaphthalene-d10	0.332		30-150		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.278		30-150		69	SPK: -0.4
367-12-4	2-Fluorophenol	0.141		10-92		35	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.292		11-175		73	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.397		10-175		99	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.296		24-148		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.551		54-171		138	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11230	7.639				
1146-65-2	Naphthalene-d8	38838	10.41				
15067-26-2	Acenaphthene-d10	25226	14.274				
1517-22-2	Phenanthrene-d10	50709	17.029				
1719-03-5	Chrysene-d12	28383	21.22				
1520-96-3	Perylene-d12	26341	23.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.08	U			99	ug/L



Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	BP-VPB-189-GW-318-320						
P2839-06	BP-VPB-189-GW-318-32 Water	Total Alkanes	*	0.000	0.1	0.29	ug/L
		Total Tics :			0.00		
P2839-06	BP-VPB-189-GW-318-32 Water	1,4-Dioxane		0.290	0.1	0.29	ug/L
		Total Svoc :			0.29		
		Total Concentration:			0.29		
Client ID :	BP-VPB-196-EB-20240610						
P2891-05	BP-VPB-196-EB-202406 Water	Total Alkanes	*	0.000	0.09	0.26	ug/L
		Total Tics :			0.00		
		Total Concentration:			0.00		
Client ID :	BP-VPB-196-GW-420-422						
P2891-06	BP-VPB-196-GW-420-42 Water	Total Alkanes	*	0.000	0.09	0.26	ug/L
		Total Tics :			0.00		
P2891-06	BP-VPB-196-GW-420-42 Water	Bis(2-ethylhexyl)phthalate		0.710	0.18	0.26	ug/L
		Total Svoc :			0.71		
		Total Concentration:			0.71		
Client ID :	BP-VPB-196-GW-440-442						
P2891-07	BP-VPB-196-GW-440-44 Water	Total Alkanes	*	0.000	0.1	0.29	ug/L
		Total Tics :			0.00		
P2891-07	BP-VPB-196-GW-440-44 Water	1,4-Dioxane		0.110	0.1	0.29	ug/L
		Total Svoc :			0.11		
		Total Concentration:			0.11		
Client ID :	BP-VPB-196-GW-460-462						
P2891-08	BP-VPB-196-GW-460-46 Water	Total Alkanes	*	0.000	0.1	0.28	ug/L
		Total Tics :			0.00		
		Total Concentration:			0.00		
Client ID :	BP-VPB-196-GW-480-482						
P2891-10	BP-VPB-196-GW-480-48 Water	Total Alkanes	*	0.000	0.09	0.27	ug/L
		Total Tics :			0.00		
P2891-10	BP-VPB-196-GW-480-48 Water	Benzo(b)fluoranthene		0.040	0.04	0.14	ug/L
P2891-10	BP-VPB-196-GW-480-48 Water	Fluoranthene		0.030	0.03	0.14	ug/L
P2891-10	BP-VPB-196-GW-480-48 Water	Phenanthrene		0.040	0.03	0.14	ug/L
P2891-10	BP-VPB-196-GW-480-48 Water	Pyrene		0.030	0.03	0.14	ug/L
		Total Svoc :			0.14		
		Total Concentration:			0.14		
Client ID :	BP-VPB-196-GW-510-512						

Hit Summary Sheet SW-846

SDG No.: BN062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2892-01	BP-VPB-196-GW-510-51 Water	Total Alkanes	*	0.000	0.68	2	ug/L
		Total Tics :			0.00		
P2892-01	BP-VPB-196-GW-510-51 Water	Bis(2-ethylhexyl)phthalate		3.400	1.4	2	ug/L
		Total Svoc :			3.40		
		Total Concentration:			3.40		
Client ID : C0SL2							
P2897-04	C0SL2	Solid	Total Alkanes	*	0.000	13	ug/Kg
		Total Tics :			0.00		
P2897-04	C0SL2	Solid	1,4-Dioxane		83.000	13	ug/Kg
		Total Svoc :			83.00		
		Total Concentration:			83.00		
Client ID : BP-VPB-189-GW-520-522							
P2927-06	BP-VPB-189-GW-520-52 Water	Total Alkanes	*	0.000	0.08	0.24	ug/L
		Total Tics :			0.00		
P2927-06	BP-VPB-189-GW-520-52 Water	1,4-Dioxane		2.200	0.08	0.24	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Acenaphthene		0.030	J 0.02	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Acenaphthylene		0.020	J 0.02	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Anthracene		0.050	J 0.03	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Benzo(a)anthracene		0.060	J 0.03	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Benzo(b)fluoranthene		0.070	J 0.04	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Benzo(g,h,i)perylene		0.050	J 0.04	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Benzo(k)fluoranthene		0.070	J 0.04	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Chrysene		0.060	J 0.03	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Dibenzo(a,h)anthracene		0.060	J 0.05	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Fluoranthene		0.050	J 0.03	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Fluorene		0.040	J 0.02	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Hexachlorobenzene		0.030	J 0.03	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Indeno(1,2,3-cd)pyrene		0.060	J 0.04	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Pentachlorophenol		0.210	J 0.11	0.24	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Phenanthrene		0.060	J 0.02	0.12	ug/L
P2927-06	BP-VPB-189-GW-520-52 Water	Pyrene		0.080	J 0.03	0.12	ug/L
		Total Svoc :			3.20		
		Total Concentration:			3.20		
Client ID : GWBR-05-115-142-61924							
P2978-01	GWBR-05-115-142-6192 Water	Total Alkanes	*	0.000	0.07	0.2	ug/L
		Total Tics :			0.00		
P2978-01	GWBR-05-115-142-6192 Water	1,4-Dioxane		0.350	0.07	0.2	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Anthracene		0.050	J 0.02	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Benzo(a)anthracene		0.150	0.02	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2978-01	GWBR-05-115-142-6192 Water	Benzo(a)pyrene	0.150		0.06	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Benzo(b)fluoranthene	0.170		0.03	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Benzo(g,h,i)perylene	0.160		0.04	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Benzo(k)fluoranthene	0.180		0.03	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Chrysene	0.160		0.03	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Dibenzo(a,h)anthracene	0.170		0.04	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Fluoranthene	0.070	J	0.02	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Indeno(1,2,3-cd)pyrene	0.180		0.04	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P2978-01	GWBR-05-115-142-6192 Water	Pyrene	0.100		0.02	0.1	ug/L
Total Svoc :					1.92		
Total Concentration:					1.92		
Client ID : BP-VPB-196-EB-20240618							
P3002-02	BP-VPB-196-EB-202406 Water	Total Alkanes	*	0.000	0.08	0.23	ug/L
Total Tics :					0.00		
P3002-02	BP-VPB-196-EB-202406 Water	Anthracene	0.060	J	0.03	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Benzo(a)anthracene	0.190		0.03	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Benzo(a)pyrene	0.180		0.06	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Benzo(b)fluoranthene	0.220		0.04	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Benzo(g,h,i)perylene	0.190		0.04	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Benzo(k)fluoranthene	0.220		0.04	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Bis(2-ethylhexyl)phthalate	0.340		0.16	0.23	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Chrysene	0.190		0.03	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Dibenzo(a,h)anthracene	0.210		0.04	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Fluoranthene	0.090	J	0.03	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Indeno(1,2,3-cd)pyrene	0.210		0.04	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	n-Nitrosodimethylamine	0.240		0.03	0.23	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Phenanthrene	0.030	J	0.02	0.11	ug/L
P3002-02	BP-VPB-196-EB-202406 Water	Pyrene	0.120		0.03	0.11	ug/L
Total Svoc :					2.49		
Total Concentration:					2.49		
Client ID : BP-VPB-196-GW-580-582							
P3002-03	BP-VPB-196-GW-580-58 Water	Total Alkanes	*	0.000	0.68	2	ug/L
Total Tics :					0.00		
P3002-03	BP-VPB-196-GW-580-58 Water	Anthracene	0.350	J	0.24	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Benzo(a)anthracene	0.430	J	0.22	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Benzo(b)fluoranthene	0.510	J	0.32	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Benzo(k)fluoranthene	0.410	J	0.34	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Bis(2-ethylhexyl)phthalate	9.200		1.4	2	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Chrysene	0.450	J	0.26	1	ug/L

Hit Summary Sheet SW-846

SDG No.: BN062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3002-03	BP-VPB-196-GW-580-58 Water	Fluoranthene	0.410	J	0.23	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Phenanthrene	0.340	J	0.2	1	ug/L
P3002-03	BP-VPB-196-GW-580-58 Water	Pyrene	0.520	J	0.22	1	ug/L
Total Svoc :			12.62				
Total Concentration:			12.62				
Client ID : BP-VPB-196-GW-600-602							
P3002-04	BP-VPB-196-GW-600-60 Water	Total Alkanes	*	0.000	0.68	2	ug/L
Total Tics :			0.00				
P3002-04	BP-VPB-196-GW-600-60 Water	Anthracene	0.410	J	0.24	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Benzo(a)anthracene	0.730	J	0.22	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Benzo(b)fluoranthene	0.740	J	0.32	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Benzo(g,h,i)perylene	0.440	J	0.37	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Benzo(k)fluoranthene	0.640	J	0.34	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Bis(2-ethylhexyl)phthalate	9.900		1.4	2	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Chrysene	0.770	J	0.26	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Dibenzo(a,h)anthracene	0.530	J	0.39	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Fluoranthene	0.510	J	0.23	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Indeno(1,2,3-cd)pyrene	0.530	J	0.38	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Phenanthrene	0.250	J	0.2	1	ug/L
P3002-04	BP-VPB-196-GW-600-60 Water	Pyrene	0.710	J	0.22	1	ug/L
Total Svoc :			16.16				
Total Concentration:			16.16				
Client ID : BP-VPB-196-GW-620-622							
P3002-05	BP-VPB-196-GW-620-62 Water	Total Alkanes	*	0.000	0.09	0.27	ug/L
Total Tics :			0.00				
P3002-05	BP-VPB-196-GW-620-62 Water	Anthracene	0.070	J	0.03	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Benzo(a)anthracene	0.190		0.03	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Benzo(a)pyrene	0.130	J	0.08	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Benzo(b)fluoranthene	0.180		0.04	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Benzo(g,h,i)perylene	0.110	J	0.05	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Benzo(k)fluoranthene	0.180		0.05	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Bis(2-ethylhexyl)phthalate	0.740		0.19	0.27	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Chrysene	0.200		0.04	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Dibenzo(a,h)anthracene	0.140		0.05	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Fluoranthene	0.090	J	0.03	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Indeno(1,2,3-cd)pyrene	0.130	J	0.05	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Phenanthrene	0.040	J	0.03	0.14	ug/L
P3002-05	BP-VPB-196-GW-620-62 Water	Pyrene	0.140		0.03	0.14	ug/L
Total Svoc :			2.34				

Hit Summary Sheet SW-846

SDG No.: BN062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:			2.34				
Client ID : BP-VPB-196-GW-640-642							
P3002-06	BP-VPB-196-GW-640-64 Water	Total Alkanes	*	0.000	0.68	2	ug/L
Total Tics :			0.00				
P3002-06	BP-VPB-196-GW-640-64 Water	1,4-Dioxane		0.690	J 0.68	2	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Anthracene		0.410	J 0.24	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Benzo(a)anthracene		0.970	J 0.22	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Benzo(a)pyrene		0.970	J 0.56	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Benzo(b)fluoranthene		1.700	0.32	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Benzo(g,h,i)perylene		0.930	J 0.37	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Benzo(k)fluoranthene		1.600	0.34	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Bis(2-ethylhexyl)phthalate		3.400	1.4	2	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Chrysene		1.100	0.26	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Dibenzo(a,h)anthracene		1.300	0.39	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Fluoranthene		0.580	J 0.23	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Indeno(1,2,3-cd)pyrene		1.100	0.38	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Phenanthrene		0.280	J 0.2	1	ug/L
P3002-06	BP-VPB-196-GW-640-64 Water	Pyrene		0.680	J 0.22	1	ug/L
Total Svoc :			15.71				
Total Concentration:			15.71				
Client ID : GWBR-05-145-165-062024							
P3004-01	GWBR-05-145-165-0620 Water	Total Alkanes	*	0.000	0.07	0.2	ug/L
Total Tics :			0.00				
P3004-01	GWBR-05-145-165-0620 Water	1,4-Dioxane		0.450	0.07	0.2	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Anthracene		0.060	J 0.02	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Benzo(a)anthracene		0.170	0.02	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Benzo(a)pyrene		0.170	0.06	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Benzo(b)fluoranthene		0.190	0.03	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Benzo(g,h,i)perylene		0.170	0.04	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Benzo(k)fluoranthene		0.200	0.03	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Bis(2-ethylhexyl)phthalate		0.450	0.14	0.2	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Chrysene		0.180	0.03	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Dibenzo(a,h)anthracene		0.200	0.04	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Fluoranthene		0.080	J 0.02	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Indeno(1,2,3-cd)pyrene		0.200	0.04	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Phenanthrene		0.030	J 0.02	0.1	ug/L
P3004-01	GWBR-05-145-165-0620 Water	Pyrene		0.120	0.02	0.1	ug/L
Total Svoc :			2.67				
Total Concentration:			2.67				



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BN062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN061024 SAS No.: BN061024 SDG No.: BN061024

Instrument ID: _____ Calibration Date(s): 6/10/2024 : _____

Calibration Time(s): 11:22 _____

LAB FILE ID:	RRF0.1 = BN031872.D			RRF0.2 = BN031873.D		RRF0.4 = BN031874.D		
	RRF0.8 = BN031875.D			RRF1.6 = BN031876.D		RRF3.2 = BN031877.D		
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.626	0.649	0.555	0.644	0.681	0.655	0.637	6.2
Fluoranthene-d10	1.071	1.077	0.932	1.123	1.177	1.116	1.089	7.1
n-Nitrosodimethylamine	0.464	0.486	0.400	0.466	0.499	0.480	0.465	6.9
2-Fluorophenol	1.150	1.201	0.999	1.122	1.212	1.162	1.137	6.2
Phenol-d6	1.459	1.537	1.289	1.469	1.605	1.559	1.491	6.9
bis(2-Chloroethyl)ether	1.278	1.352	1.115	1.284	1.370	1.315	1.284	6.5
Nitrobenzene-d5	0.330	0.338	0.287	0.327	0.353	0.349	0.332	6.7
Naphthalene	1.064	1.114	0.941	1.073	1.145	1.112	1.077	6.1
Hexachlorobutadiene	0.195	0.197	0.165	0.186	0.198	0.191	0.188	6.0
2-Methylnaphthalene	0.735	0.756	0.644	0.743	0.785	0.751	0.736	6.0
2-Fluorobiphenyl	1.528	1.560	1.307	1.492	1.621	1.579	1.517	6.7
Acenaphthylene	1.753	1.814	1.539	1.814	2.006	2.006	1.844	9.2
Acenaphthene	1.155	1.210	1.019	1.175	1.276	1.247	1.187	7.1
Fluorene	1.564	1.614	1.366	1.587	1.703	1.641	1.586	6.7
4,6-Dinitro-2-methylphenol		0.044	0.043	0.059	0.078	0.091	0.069	34.3
2,4,6-Tribromophenol	0.190	0.182	0.155	0.186	0.204	0.211	0.192	10.8
4-Bromophenyl-phenylether	0.227	0.234	0.192	0.224	0.241	0.238	0.227	7.2
Hexachlorobenzene	0.231	0.240	0.202	0.234	0.254	0.244	0.235	7.0
Atrazine	0.214	0.205	0.175	0.211	0.222	0.217	0.208	7.4
Pentachlorophenol		0.094	0.082	0.108	0.130	0.140	0.117	22.1
Phenanthrene	1.112	1.127	0.944	1.096	1.200	1.150	1.110	7.2
Anthracene	0.989	1.019	0.855	1.033	1.118	1.100	1.030	8.8
Fluoranthene	1.379	1.391	1.147	1.379	1.446	1.348	1.346	7.0
Pyrene	1.607	1.748	1.328	1.522	1.651	1.695	1.589	8.7
Terphenyl-d14	1.042	1.067	0.811	0.951	1.006	1.018	0.978	8.7
Benzo (a) anthracene	1.555	1.575	1.245	1.482	1.587	1.565	1.507	8.0
Chrysene	1.461	1.489	1.200	1.421	1.512	1.447	1.424	7.3
Bis(2-ethylhexyl)phthalate		1.117	0.861	1.042	1.091	0.975	1.029	9.3
Benzo (b) fluoranthene	1.496	1.537	1.232	1.430	1.539	1.538	1.458	7.6
Benzo (k) fluoranthene	1.430	1.477	1.154	1.362	1.445	1.436	1.378	7.9
Benzo (a) pyrene	1.301	1.326	1.043	1.243	1.335	1.299	1.258	8.0
Indeno (1,2,3-cd) pyrene	1.535	1.568	1.196	1.532	1.612	1.460	1.492	9.3
Dibenzo (a,h) anthracene	1.205	1.242	0.940	1.205	1.267	1.156	1.176	9.3
Benzo (g,h,i) perylene	1.298	1.323	1.007	1.299	1.363	1.231	1.263	9.5
1,4-Dioxane	0.579	0.544	0.426	0.467	0.494	0.469	0.490	11.1

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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN031874.D Time Analyzed: 14:21

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	10703	7.675	35162	10.45	22532	14.32
	UPPER LIMIT	21406	8.175	70324	10.953	45064	14.817
	LOWER LIMIT	5351.5	7.175	17581	9.953	11266	13.817
	EPA SAMPLE NO.						
01	PB161619BL	9110	7.64	29616	10.42	18972	14.29
02	PB161619BS	9083	7.64	31872	10.42	21106	14.27
03	PB161619BSD	9441	7.64	33234	10.42	21915	14.27
04	GWBR-05-115-142-61924	9406	7.64	32347	10.42	21342	14.29
05	PB161642BS	8270	7.64	29658	10.42	19914	14.27
06	PB161642BL	9047	7.64	29054	10.42	19079	14.29
07	PB161642BSD	9075	7.64	32472	10.42	21842	14.27
08	BP-VPB-196-EB-20240618	8113	7.64	27969	10.42	18831	14.27
09	BP-VPB-196-GW-580-582	11050	7.64	36962	10.42	23123	14.27
10	BP-VPB-196-GW-600-602	9572	7.64	32903	10.42	22247	14.27
11	BP-VPB-196-GW-620-622	9827	7.64	34184	10.42	22697	14.27
12	BP-VPB-196-GW-640-642	11681	7.64	38899	10.42	20748	14.27
13	GWBR-05-145-165-062024	8990	7.64	31418	10.42	21416	14.27
14	BP-VPB-189-GW-318-320	19394	7.64	67296	10.42	45030	14.27
15	PB161510BL	9117	7.64	29232	10.42	18728	14.29
16	PB161510BS	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *
17	PB161510BSD	10672	7.64	37753	10.41	25057	14.27
18	BP-VPB-196-EB-20240610	9141	7.64	31378	10.42	22366	14.27
19	BP-VPB-196-GW-420-422	11052	7.64	37981	10.42	24154	14.27
20	BP-VPB-196-GW-440-442	9775	7.64	33647	10.42	22560	14.27
21	BP-VPB-196-GW-460-462	11638	7.64	38079	10.41	23079	14.27
22	BP-VPB-196-GW-480-482	9627	7.64	33402	10.41	21524	14.27
23	BP-VPB-196-GW-510-512	11761	7.64	39571	10.41	24249	14.27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN031874.D Time Analyzed: 06:47

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	10703	7.675	35162	10.45	22532	14.32
	UPPER LIMIT	21406	8.175	70324	10.953	45064	14.817
	LOWER LIMIT	5351.5	7.175	17581	9.953	11266	13.817
	EPA SAMPLE NO.						
24	COSL2	10910	7.64	37908	10.41	25208	14.27
25	BP-VPB-189-GW-520-522	11230	7.64	38838	10.41	25226	14.27

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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN032129.D Time Analyzed: 14:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	9544	7.639	33380	10.42	21700	14.27
UPPER LIMIT	19088	8.139	66760	10.921	43400	14.774
LOWER LIMIT	4772	7.139	16690	9.921	10850	13.774
EPA SAMPLE NO.						
01 PB161619BL	9110	7.64	29616	10.42	18972	14.29
02 PB161619BS	9083	7.64	31872	10.42	21106	14.27
03 PB161619BSD	9441	7.64	33234	10.42	21915	14.27
04 GWBR-05-115-142-61924	9406	7.64	32347	10.42	21342	14.29
05 PB161642BS	8270	7.64	29658	10.42	19914	14.27
06 PB161642BL	9047	7.64	29054	10.42	19079	14.29
07 PB161642BSD	9075	7.64	32472	10.42	21842	14.27
08 BP-VPB-196-EB-20240618	8113	7.64	27969	10.42	18831	14.27
09 BP-VPB-196-GW-580-582	11050	7.64	36962	10.42	23123	14.27
10 BP-VPB-196-GW-600-602	9572	7.64	32903	10.42	22247	14.27
11 BP-VPB-196-GW-620-622	9827	7.64	34184	10.42	22697	14.27
12 BP-VPB-196-GW-640-642	11681	7.64	38899	10.42	20748	14.27
13 GWBR-05-145-165-062024	8990	7.64	31418	10.42	21416	14.27
14 BP-VPB-189-GW-318-320	19394 *	7.64	67296 *	10.42	45030 *	14.27

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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032146.D Time Analyzed: 01:20

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	10831	7.639	37881	10.42	24877	14.27
UPPER LIMIT	21662	8.139	75762	10.921	49754	14.774
LOWER LIMIT	5415.5	7.139	18940.5	9.921	12438.5	13.774
EPA SAMPLE NO.						
01 PB161510BL	9117	7.64	29232	10.42	18728	14.29
02 PB161510BS	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *
03 PB161510BSD	10672	7.64	37753	10.41	25057	14.27
04 BP-VPB-196-EB-20240610	9141	7.64	31378	10.42	22366	14.27
05 BP-VPB-196-GW-420-422	11052	7.64	37981	10.42	24154	14.27
06 BP-VPB-196-GW-440-442	9775	7.64	33647	10.42	22560	14.27
07 BP-VPB-196-GW-460-462	11638	7.64	38079	10.41	23079	14.27
08 BP-VPB-196-GW-480-482	9627	7.64	33402	10.41	21524	14.27
09 BP-VPB-196-GW-510-512	11761	7.64	39571	10.41	24249	14.27
10 COSL2	10910	7.64	37908	10.41	25208	14.27
11 BP-VPB-189-GW-520-522	11230	7.64	38838	10.41	25226	14.27

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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN031874.D Time Analyzed: 14:21

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	52345	17.066	47014	21.265	48380	23.502
	UPPER LIMIT	104690	17.566	94028	21.765	96760	24.002
	LOWER LIMIT	26172.5	16.566	23507	20.765	24190	23.002
	EPA SAMPLE NO.						
01	PB161619BL	36066	17.03	24118	21.24	23672 *	23.46
02	PB161619BS	43473	17.03	27479	21.23	24247	23.46
03	PB161619BSD	43502	17.03	26308	21.23	23696 *	23.46
04	GWBR-05-115-142-61924	41884	17.03	24688	21.23	23316 *	23.46
05	PB161642BS	41903	17.03	29800	21.23	25834	23.46
06	PB161642BL	37007	17.03	24048	21.23	23172 *	23.45
07	PB161642BSD	45413	17.03	30531	21.23	26430	23.45
08	BP-VPB-196-EB-20240618	39752	17.03	26391	21.23	23035 *	23.45
09	BP-VPB-196-GW-580-582	46916	17.03	28409	21.23	28632	23.45
10	BP-VPB-196-GW-600-602	46886	17.03	28956	21.23	25792	23.45
11	BP-VPB-196-GW-620-622	45840	17.03	26824	21.23	24650	23.45
12	BP-VPB-196-GW-640-642	47919	17.03	27055	21.23	13406 *	23.45
13	GWBR-05-145-165-062024	44145	17.03	26284	21.23	23684 *	23.45
14	BP-VPB-189-GW-318-320	92560	17.03	52965	21.23	48044	23.45
15	PB161510BL	36080	17.03	22024 *	21.23	21874 *	23.45
16	PB161510BS	0 *	0.00 *	0 *	0.00 *	0 *	0.00
17	PB161510BSD	50736	17.03	29690	21.23	26043	23.45
18	BP-VPB-196-EB-20240610	45636	17.03	27889	21.23	24230	23.45
19	BP-VPB-196-GW-420-422	49945	17.03	28529	21.23	27528	23.44
20	BP-VPB-196-GW-440-442	46025	17.03	26687	21.23	23955 *	23.45
21	BP-VPB-196-GW-460-462	42225	17.03	26588	21.23	27284	23.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN031874.D Time Analyzed: 05:35

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	52345	17.066	47014	21.265	48380	23.502
UPPER LIMIT	104690	17.566	94028	21.765	96760	24.002
LOWER LIMIT	26172.5	16.566	23507	20.765	24190	23.002
EPA SAMPLE NO.						
22 BP-VPB-196-GW-480-482	43524	17.03	23700	21.23	21837 *	23.45
23 BP-VPB-196-GW-510-512	49437	17.03	30341	21.22	30036	23.44
24 C0SL2	51217	17.03	29773	21.22	27374	23.44
25 BP-VPB-189-GW-520-522	50709	17.03	28383	21.22	26341	23.45

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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BN032129.D Time Analyzed: 14:21

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	43060	17.029	26202	21.229	23763	23.455
	UPPER LIMIT	86120	17.529	52404	21.729	47526	23.955
	LOWER LIMIT	21530	16.529	13101	20.729	11881.5	22.955
	EPA SAMPLE NO.						
01	PB161619BL	36066	17.03	24118	21.24	23672	23.46
02	PB161619BS	43473	17.03	27479	21.23	24247	23.46
03	PB161619BSD	43502	17.03	26308	21.23	23696	23.46
04	GWBR-05-115-142-61924	41884	17.03	24688	21.23	23316	23.46
05	PB161642BS	41903	17.03	29800	21.23	25834	23.46
06	PB161642BL	37007	17.03	24048	21.23	23172	23.45
07	PB161642BSD	45413	17.03	30531	21.23	26430	23.45
08	BP-VPB-196-EB-20240618	39752	17.03	26391	21.23	23035	23.45
09	BP-VPB-196-GW-580-582	46916	17.03	28409	21.23	28632	23.45
10	BP-VPB-196-GW-600-602	46886	17.03	28956	21.23	25792	23.45
11	BP-VPB-196-GW-620-622	45840	17.03	26824	21.23	24650	23.45
12	BP-VPB-196-GW-640-642	47919	17.03	27055	21.23	13406	23.45
13	GWBR-05-145-165-062024	44145	17.03	26284	21.23	23684	23.45
14	BP-VPB-189-GW-318-320	92560 *	17.03	52965 *	21.23	48044 *	23.45

IS4 (PHN) = Phenanthrene-d10

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IS6 (PRY) = Perylene-d12

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AREA LOWER LIMIT = -50% of internal standard area

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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.: BN062124 SAS No.: BN062124 SDG NO.: BN062124

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BN032146.D Time Analyzed: 01:20

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	50189	17.029	28941	21.22	26310	23.446
UPPER LIMIT	100378	17.529	57882	21.72	52620	23.946
LOWER LIMIT	25094.5	16.529	14470.5	20.72	13155	22.946
EPA SAMPLE NO.						
01 PB161510BL	36080	17.03	22024	21.23	21874	23.45
02 PB161510BS	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *
03 PB161510BSD	50736	17.03	29690	21.23	26043	23.45
04 BP-VPB-196-EB-20240610	45636	17.03	27889	21.23	24230	23.45
05 BP-VPB-196-GW-420-422	49945	17.03	28529	21.23	27528	23.44
06 BP-VPB-196-GW-440-442	46025	17.03	26687	21.23	23955	23.45
07 BP-VPB-196-GW-460-462	42225	17.03	26588	21.23	27284	23.45
08 BP-VPB-196-GW-480-482	43524	17.03	23700	21.23	21837	23.45
09 BP-VPB-196-GW-510-512	49437	17.03	30341	21.22	30036	23.44
10 C0SL2	51217	17.03	29773	21.22	27374	23.44
11 BP-VPB-189-GW-520-522	50709	17.03	28383	21.22	26341	23.45

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.: BN062124

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161510BS	n-Nitrosodimethylamine	0.4		ug/L	0		*		33	130		
	bis(2-Chloroethyl)ether	0.4		ug/L	0		*		55	118		
	Naphthalene	0.4		ug/L	0		*		67	120		
	Hexachlorobutadiene	0.4		ug/L	0		*		33	114		
	2-Methylnaphthalene	0.4		ug/L	0		*		50	122		
	Acenaphthylene	0.4		ug/L	0		*		60	119		
	Acenaphthene	0.4		ug/L	0		*		65	119		
	Fluorene	0.4		ug/L	0		*		58	122		
	4,6-Dinitro-2-methylphenol	0.4		ug/L	0		*		20	150		
	4-Bromophenyl-phenylether	0.4		ug/L	0		*		20	150		
	Hexachlorobenzene	0.4		ug/L	0		*		62	127		
	Atrazine	0.4		ug/L	0		*		20	150		
	Pentachlorophenol	0.8		ug/L	0		*		10	137		
	Phenanthrene	0.4		ug/L	0		*		65	117		
	Anthracene	0.4		ug/L	0		*		57	118		
	Fluoranthene	0.4		ug/L	0		*		53	126		
	Pyrene	0.4		ug/L	0		*		54	124		
	Benzo(a)anthracene	0.4		ug/L	0		*		54	130		
	Chrysene	0.4		ug/L	0		*		64	126		
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0		*		40	137		
	Benzo(b)fluoranthene	0.4		ug/L	0		*		65	121		
	Benzo(k)fluoranthene	0.4		ug/L	0		*		72	119		
	Benzo(a)pyrene	0.4		ug/L	0		*		68	120		
	Indeno(1,2,3-cd)pyrene	0.4		ug/L	0		*		70	127		
	Dibenz(a,h)anthracene	0.4		ug/L	0		*		65	121		
	Benzo(g,h,i)perylene	0.4		ug/L	0		*		76	117		
	1,4-Dioxane	0.4		ug/L	0		*		60	132		
PB161510BSD	n-Nitrosodimethylamine	0.4	0.31	ug/L	78				33	130		20
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80				55	118		20
	Naphthalene	0.4	0.39	ug/L	98				67	120		20
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114		20
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122		20
	Acenaphthylene	0.4	0.35	ug/L	88				60	119		20
	Acenaphthene	0.4	0.38	ug/L	95				65	119		20
	Fluorene	0.4	0.37	ug/L	93				58	122		20
	4,6-Dinitro-2-methylphenol	0.4	0.31	ug/L	78				20	150		20
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105				20	150		20
	Hexachlorobenzene	0.4	0.45	ug/L	113				62	127		20
	Atrazine	0.4	0.31	ug/L	78				20	150		20
	Pentachlorophenol	0.8	0.37	ug/L	46				10	137		20
	Phenanthrene	0.4	0.4	ug/L	100				65	117		20
	Anthracene	0.4	0.37	ug/L	93				57	118		20
	Fluoranthene	0.4	0.34	ug/L	85				53	126		20
	Pyrene	0.4	0.49	ug/L	123				54	124		20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161510BSD	Benzo(a)anthracene	0.4	0.38	ug/L	95				54	130	20
	Chrysene	0.4	0.4	ug/L	100				64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.39	ug/L	98				40	137	20
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110				65	121	20
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				72	119	20
	Benzo(a)pyrene	0.4	0.41	ug/L	103				68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				70	127	20
	Dibenz(a,h)anthracene	0.4	0.45	ug/L	113				65	121	20
	Benzo(g,h,i)perylene	0.4	0.44	ug/L	110				76	117	20
	1,4-Dioxane	0.4	0.3	ug/L	75				60	132	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: 8270-Modified

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161619BS	n-Nitrosodimethylamine	0.4	0.31	ug/L	78				33	130	
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114	
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122	
	Acenaphthylene	0.4	0.37	ug/L	93				60	119	
	Acenaphthene	0.4	0.39	ug/L	98				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.27	ug/L	68				20	150	
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105				20	150	
	Hexachlorobenzene	0.4	0.45	ug/L	113				62	127	
	Atrazine	0.4	0.35	ug/L	88				20	150	
	Pentachlorophenol	0.8	0.37	ug/L	46				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Anthracene	0.4	0.38	ug/L	95				57	118	
	Fluoranthene	0.4	0.36	ug/L	90				53	126	
	Pyrene	0.4	0.48	ug/L	120				54	124	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				54	130	
	Chrysene	0.4	0.41	ug/L	103				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.5	ug/L	125				40	137	
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108				65	121	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				72	119	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				70	127	
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108				65	121	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				76	117	
	1,4-Dioxane	0.4	0.42	ug/L	105				60	132	
PB161619BSD	n-Nitrosodimethylamine	0.4	0.31	ug/L	78	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80	0			55	118	20
	Naphthalene	0.4	0.39	ug/L	98	0			67	120	20
	Hexachlorobutadiene	0.4	0.42	ug/L	105	0			33	114	20
	2-Methylnaphthalene	0.4	0.41	ug/L	103	0			50	122	20
	Acenaphthylene	0.4	0.37	ug/L	93	0			60	119	20
	Acenaphthene	0.4	0.38	ug/L	95	3			65	119	20
	Fluorene	0.4	0.37	ug/L	93	3			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.27	ug/L	68	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.43	ug/L	108	2			20	150	20
	Hexachlorobenzene	0.4	0.45	ug/L	113	0			62	127	20
	Atrazine	0.4	0.35	ug/L	88	0			20	150	20
	Pentachlorophenol	0.8	0.37	ug/L	46	0			10	137	20
	Phenanthrene	0.4	0.4	ug/L	100	3			65	117	20
	Anthracene	0.4	0.38	ug/L	95	0			57	118	20
	Fluoranthene	0.4	0.35	ug/L	88	3			53	126	20
	Pyrene	0.4	0.48	ug/L	120	0			54	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161619BSD	Benzo(a)anthracene	0.4	0.39	ug/L	98	0			54	130	20
	Chrysene	0.4	0.39	ug/L	98	5			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.49	ug/L	123	2			40	137	20
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108	0			65	121	20
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110	2			72	119	20
	Benzo(a)pyrene	0.4	0.4	ug/L	100	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110	2			70	127	20
	Dibenz(a,h)anthracene	0.4	0.44	ug/L	110	2			65	121	20
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108	2			76	117	20
	1,4-Dioxane	0.4	0.42	ug/L	105	0			60	132	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161642BS	n-Nitrosodimethylamine	0.4	0.3	ug/L	75				33	130	
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114	
	2-Methylnaphthalene	0.4	0.41	ug/L	103				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthene	0.4	0.39	ug/L	98				65	119	
	Fluorene	0.4	0.38	ug/L	95				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.27	ug/L	68				20	150	
	4-Bromophenyl-phenylether	0.4	0.41	ug/L	103				20	150	
	Hexachlorobenzene	0.4	0.45	ug/L	113				62	127	
	Atrazine	0.4	0.34	ug/L	85				20	150	
	Pentachlorophenol	0.8	0.38	ug/L	48				10	137	
	Phenanthrene	0.4	0.4	ug/L	100				65	117	
	Anthracene	0.4	0.39	ug/L	98				57	118	
	Fluoranthene	0.4	0.38	ug/L	95				53	126	
	Pyrene	0.4	0.45	ug/L	113				54	124	
	Benzo(a)anthracene	0.4	0.4	ug/L	100				54	130	
	Chrysene	0.4	0.4	ug/L	100				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.45	ug/L	113				40	137	
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110				65	121	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				72	119	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				76	117	
	1,4-Dioxane	0.4	0.3	ug/L	75				60	132	
PB161642BSD	n-Nitrosodimethylamine	0.4	0.31	ug/L	78	3			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80	0			55	118	20
	Naphthalene	0.4	0.39	ug/L	98	0			67	120	20
	Hexachlorobutadiene	0.4	0.42	ug/L	105	0			33	114	20
	2-Methylnaphthalene	0.4	0.41	ug/L	103	0			50	122	20
	Acenaphthylene	0.4	0.36	ug/L	90	0			60	119	20
	Acenaphthene	0.4	0.38	ug/L	95	3			65	119	20
	Fluorene	0.4	0.38	ug/L	95	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.27	ug/L	68	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105	2			20	150	20
	Hexachlorobenzene	0.4	0.45	ug/L	113	0			62	127	20
	Atrazine	0.4	0.34	ug/L	85	0			20	150	20
	Pentachlorophenol	0.8	0.37	ug/L	46	3			10	137	20
	Phenanthrene	0.4	0.4	ug/L	100	0			65	117	20
	Anthracene	0.4	0.38	ug/L	95	3			57	118	20
	Fluoranthene	0.4	0.37	ug/L	93	3			53	126	20
	Pyrene	0.4	0.46	ug/L	115	2			54	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161642BSD	Benzo(a)anthracene	0.4	0.39	ug/L	98	3			54	130	20
	Chrysene	0.4	0.41	ug/L	103	2			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.44	ug/L	110	2			40	137	20
	Benzo(b)fluoranthene	0.4	0.43	ug/L	108	2			65	121	20
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113	2			72	119	20
	Benzo(a)pyrene	0.4	0.41	ug/L	103	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105	0			70	127	20
	Dibenz(a,h)anthracene	0.4	0.43	ug/L	108	2			65	121	20
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105	2			76	117	20
	1,4-Dioxane	0.4	0.31	ug/L	78	3			60	132	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-VPB-189-GW-318-3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032143.D

Lab Sample ID: P2839-06

Instrument ID: BNA_N

Date Extracted: 06/11/2024

Matrix: (soil/water) Water

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 22:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-VPB-189-GW-318-320	P2839-06	BN032143.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161510BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032147.D

Lab Sample ID: PB161510BL

Instrument ID: BNA_N

Date Extracted: 06/14/2024

Matrix: (soil/water) Water

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 01:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161510BS	PB161510BS	BN032148.D	06/22/2024
PB161510BSD	PB161510BSD	BN032149.D	06/22/2024
BP-VPB-196-EB-20240610	P2891-05	BN032150.D	06/22/2024
BP-VPB-196-GW-420-422	P2891-06	BN032151.D	06/22/2024
BP-VPB-196-GW-440-442	P2891-07	BN032152.D	06/22/2024
BP-VPB-196-GW-460-462	P2891-08	BN032153.D	06/22/2024
BP-VPB-196-GW-480-482	P2891-10	BN032154.D	06/22/2024
BP-VPB-196-GW-510-512	P2892-01	BN032155.D	06/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-VPB-189-GW-520-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032157.D

Lab Sample ID: P2927-06

Instrument ID: BNA_N

Date Extracted: 06/18/2024

Matrix: (soil/water) Water

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 07:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-VPB-189-GW-520-522	P2927-06	BN032157.D	06/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0SL2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032156.D

Lab Sample ID: P2897-04

Instrument ID: BNA_N

Date Extracted: 06/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 06:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0SL2	P2897-04	BN032156.D	06/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161619BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032130.D

Lab Sample ID: PB161619BL

Instrument ID: BNA_N

Date Extracted: 06/20/2024

Matrix: (soil/water) Water

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 14:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161619BS	PB161619BS	BN032131.D	06/21/2024
PB161619BSD	PB161619BSD	BN032132.D	06/21/2024
GWBR-05-115-142-61924	P2978-01	BN032133.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161642BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN062124

SAS No.: BN062124 SDG NO.: BN062124

Lab File ID: BN032135.D

Lab Sample ID: PB161642BL

Instrument ID: BNA_N

Date Extracted: 06/21/2024

Matrix: (soil/water) Water

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 17:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161642BSD	PB161642BSD	BN032136.D	06/21/2024
BP-VPB-196-EB-20240618	P3002-02	BN032137.D	06/21/2024
BP-VPB-196-GW-580-582	P3002-03	BN032138.D	06/21/2024
BP-VPB-196-GW-600-602	P3002-04	BN032139.D	06/21/2024
BP-VPB-196-GW-620-622	P3002-05	BN032140.D	06/21/2024
BP-VPB-196-GW-640-642	P3002-06	BN032141.D	06/21/2024
GWBR-05-145-165-062024	P3004-01	BN032142.D	06/21/2024
PB161642BS	PB161642BS	BN032134.D	06/21/2024

COMMENTS: _____



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Surrogate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2839-06	BP-VPB-189-GW-3BN032143.D		2-Methylnaphthalene-d10	0.4	0.16	39		30	150
			Fluoranthene-d10	0.4	0.15	38		30	150
			2-Fluorophenol	0.4	0.08	20		10	92
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.13	33		11	175
			2-Fluorobiphenyl	0.4	0.16	40		10	175
			2,4,6-Tribromophenol	0.4	0.15	37		24	148
			Terphenyl-d14	0.4	0.25	62		54	171

Surrogate Summary

SW-846

SDG No.: **BN062124**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2891-05	BP-VPB-196-EB-2(BN032150.D		2-Methylnaphthalene-d10	0.4	0.31	76		30	150
			Fluoranthene-d10	0.4	0.31	79		30	150
			2-Fluorophenol	0.4	0.12	30		10	92
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.27	67		11	175
			2-Fluorobiphenyl	0.4	0.35	87		10	175
			2,4,6-Tribromophenol	0.4	0.17	43		24	148
			Terphenyl-d14	0.4	0.53	133		54	171
P2891-06	BP-VPB-196-GW-4BN032151.D		2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.28	70		30	150
			2-Fluorophenol	0.4	0.13	33		10	92
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.25	63		11	175
			2-Fluorobiphenyl	0.4	0.31	76		10	175
			2,4,6-Tribromophenol	0.4	0.26	66		24	148
			Terphenyl-d14	0.4	0.46	114		54	171
P2891-07	BP-VPB-196-GW-4BN032152.D		2-Methylnaphthalene-d10	0.4	0.34	86		30	150
			Fluoranthene-d10	0.4	0.32	81		30	150
			2-Fluorophenol	0.4	0.15	37		10	92
			Phenol-d6	0.4	0.08	21		10	100
			Nitrobenzene-d5	0.4	0.30	74		11	175
			2-Fluorobiphenyl	0.4	0.35	88		10	175
			2,4,6-Tribromophenol	0.4	0.27	68		24	148
			Terphenyl-d14	0.4	0.49	123		54	171
P2891-08	BP-VPB-196-GW-4BN032153.D		2-Methylnaphthalene-d10	0.4	0.32	80		30	150
			Fluoranthene-d10	0.4	0.31	78		30	150
			2-Fluorophenol	0.4	0.15	38		10	92
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.29	72		11	175
			2-Fluorobiphenyl	0.4	0.36	90		10	175
			2,4,6-Tribromophenol	0.4	0.26	64		24	148
			Terphenyl-d14	0.4	0.44	111		54	171
P2891-10	BP-VPB-196-GW-4BN032154.D		2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.29	73		30	150
			2-Fluorophenol	0.4	0.15	36		10	92
			Phenol-d6	0.4	0.08	21		10	100
			Nitrobenzene-d5	0.4	0.25	63		11	175
			2-Fluorobiphenyl	0.4	0.31	78		10	175
			2,4,6-Tribromophenol	0.4	0.24	61		24	148
			Terphenyl-d14	0.4	0.51	127		54	171
P2892-01	BP-VPB-196-GW-5BN032155.D		2-Methylnaphthalene-d10	0.4	0.28	69		30	150
			Fluoranthene-d10	0.4	0.19	47		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.09	23	*	24	148
			Terphenyl-d14	0.4	0.26	65		54	171
PB161510BL	PB161510BL	BN032147.D	2-Methylnaphthalene-d10	0.4	0.34	85		30	150

Surrogate Summary

SW-846

SDG No.: **BN062124**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161510BL	PB161510BL	BN032147.D	Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.35	87		10	92
			Phenol-d6	0.4	0.29	73		10	100
			Nitrobenzene-d5	0.4	0.30	76		11	175
			2-Fluorobiphenyl	0.4	0.36	89		10	175
			2,4,6-Tribromophenol	0.4	0.18	44		24	148
			Terphenyl-d14	0.4	0.42	104		54	171
PB161510BS	PB161510BS	BN032148.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	30	150
			Fluoranthene-d10	0.4	0.00	0	*	30	150
			2-Fluorophenol	0.4	0.00	0	*	10	92
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.00	0	*	11	175
			2-Fluorobiphenyl	0.4	0.00	0	*	10	175
			2,4,6-Tribromophenol	0.4	0.00	0	*	24	148
PB161510BSD	PB161510BSD	BN032149.D	Terphenyl-d14	0.4	0.00	0	*	54	171
			2-Methylnaphthalene-d10	0.4	0.39	98		30	150
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.33	83		10	92
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.34	84		11	175
			2-Fluorobiphenyl	0.4	0.39	98		10	175
			2,4,6-Tribromophenol	0.4	0.32	79		24	148
			Terphenyl-d14	0.4	0.47	118		54	171



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Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2927-06	BP-VPB-189-GW-5BN032157.D		2-Methylnaphthalene-d10	0.4	0.33	83		30	150
			Fluoranthene-d10	0.4	0.28	69		30	150
			2-Fluorophenol	0.4	0.14	35		10	92
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.29	73		11	175
			2-Fluorobiphenyl	0.4	0.40	99		10	175
			2,4,6-Tribromophenol	0.4	0.30	74		24	148
			Terphenyl-d14	0.4	0.55	138		54	171



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Surrogate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2897-04	C0SL2	BN032156.D	Nitrobenzene-d5	40	0.29	1	*	10	135

Surrogate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2978-01	GWBR-05-115-142	BN032133.D	2-Methylnaphthalene-d10	0.4	0.27	67		30	150
			Fluoranthene-d10	0.4	0.28	70		30	150
			2-Fluorophenol	0.4	0.15	38		10	92
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.26	65		24	148
			Terphenyl-d14	0.4	0.41	103		54	171
PB161619BL	PB161619BL	BN032130.D	2-Methylnaphthalene-d10	0.4	0.35	87		30	150
			Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.36	91		10	92
			Phenol-d6	0.4	0.32	80		10	100
			Nitrobenzene-d5	0.4	0.32	80		11	175
			2-Fluorobiphenyl	0.4	0.36	90		10	175
			2,4,6-Tribromophenol	0.4	0.21	52		24	148
			Terphenyl-d14	0.4	0.38	95		54	171
PB161619BS	PB161619BS	BN032131.D	2-Methylnaphthalene-d10	0.4	0.40	99		30	150
			Fluoranthene-d10	0.4	0.34	85		30	150
			2-Fluorophenol	0.4	0.34	85		10	92
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.35	87		11	175
			2-Fluorobiphenyl	0.4	0.39	97		10	175
			2,4,6-Tribromophenol	0.4	0.35	88		24	148
			Terphenyl-d14	0.4	0.45	113		54	171
PB161619BSD	PB161619BSD	BN032132.D	2-Methylnaphthalene-d10	0.4	0.39	98		30	150
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.34	84		10	92
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.35	86		11	175
			2-Fluorobiphenyl	0.4	0.39	98		10	175
			2,4,6-Tribromophenol	0.4	0.34	85		24	148
			Terphenyl-d14	0.4	0.46	115		54	171

Surrogate Summary

SW-846

SDG No.: **BN062124**

Client: _____

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3002-02	BP-VPB-196-EB-2(BN032137.D		2-Methylnaphthalene-d10	0.4	0.29	74		30	150
			Fluoranthene-d10	0.4	0.34	86		30	150
			2-Fluorophenol	0.4	0.16	40		10	92
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.26	64		11	175
			2-Fluorobiphenyl	0.4	0.31	78		10	175
			2,4,6-Tribromophenol	0.4	0.29	74		24	148
			Terphenyl-d14	0.4	0.45	113		54	171
P3002-03	BP-VPB-196-GW-5BN032138.D		2-Methylnaphthalene-d10	0.4	0.23	56		30	150
			Fluoranthene-d10	0.4	0.13	32		30	150
			2-Fluorophenol	0.4	0.12	30		10	92
			Phenol-d6	0.4	0.12	30		10	100
			Nitrobenzene-d5	0.4	0.19	48		11	175
			2-Fluorobiphenyl	0.4	0.25	63		10	175
			2,4,6-Tribromophenol	0.4	0.15	38		24	148
			Terphenyl-d14	0.4	0.22	54		54	171
P3002-04	BP-VPB-196-GW-6BN032139.D		2-Methylnaphthalene-d10	0.4	0.22	54		30	150
			Fluoranthene-d10	0.4	0.22	56		30	150
			2-Fluorophenol	0.4	0.11	28		10	92
			Phenol-d6	0.4	0.11	27		10	100
			Nitrobenzene-d5	0.4	0.18	45		11	175
			2-Fluorobiphenyl	0.4	0.22	56		10	175
			2,4,6-Tribromophenol	0.4	0.15	38		24	148
			Terphenyl-d14	0.4	0.32	81		54	171
P3002-05	BP-VPB-196-GW-6BN032140.D		2-Methylnaphthalene-d10	0.4	0.29	73		30	150
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.20	51		10	92
			Phenol-d6	0.4	0.15	36		10	100
			Nitrobenzene-d5	0.4	0.25	62		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.30	74		24	148
			Terphenyl-d14	0.4	0.44	110		54	171
P3002-06	BP-VPB-196-GW-6BN032141.D		2-Methylnaphthalene-d10	0.4	0.26	65		30	150
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.25	63		10	92
			Phenol-d6	0.4	0.21	51		10	100
			Nitrobenzene-d5	0.4	0.23	58		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.35	87		24	148
			Terphenyl-d14	0.4	0.42	104		54	171
P3004-01	GWBR-05-145-165 BN032142.D		2-Methylnaphthalene-d10	0.4	0.31	78		30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.17	41		10	92
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.26	65		11	175
			2-Fluorobiphenyl	0.4	0.31	77		10	175
			2,4,6-Tribromophenol	0.4	0.31	77		24	148
			Terphenyl-d14	0.4	0.46	114		54	171
PB161642BL	PB161642BL	BN032135.D	2-Methylnaphthalene-d10	0.4	0.35	86		30	150

Surrogate Summary

SW-846

SDG No.: BN062124

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161642BL	PB161642BL	BN032135.D	Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.35	88		10	92
			Phenol-d6	0.4	0.30	76		10	100
			Nitrobenzene-d5	0.4	0.31	77		11	175
			2-Fluorobiphenyl	0.4	0.36	89		10	175
			2,4,6-Tribromophenol	0.4	0.20	49		24	148
			Terphenyl-d14	0.4	0.40	99		54	171
			2-Methylnaphthalene-d10	0.4	0.40	99		30	150
PB161642BS	PB161642BS	BN032134.D	Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.33	83		10	92
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.34	85		11	175
			2-Fluorobiphenyl	0.4	0.39	97		10	175
			2,4,6-Tribromophenol	0.4	0.36	89		24	148
			Terphenyl-d14	0.4	0.43	106		54	171
			2-Methylnaphthalene-d10	0.4	0.40	100		30	150
PB161642BSD	PB161642BSD	BN032136.D	Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.33	83		10	92
			Phenol-d6	0.4	0.36	90		10	100
			Nitrobenzene-d5	0.4	0.34	84		11	175
			2-Fluorobiphenyl	0.4	0.39	97		10	175
			2,4,6-Tribromophenol	0.4	0.34	86		24	148
			Terphenyl-d14	0.4	0.44	110		54	171

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062124

Lab Code: CHEM

SAS No.: BN062124

SDG NO.: BN062124

Lab File ID: BN032128.D

DFTPP Injection Date: 06/21/2024

Instrument ID: BNA_N

DFTPP Injection Time: 12:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.5
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	45.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	70.1
443	15.0 - 24.0% of mass 442	13.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN032129.D	06/21/2024	13:39
PB161619BL	PB161619BL	BN032130.D	06/21/2024	14:21
PB161619BS	PB161619BS	BN032131.D	06/21/2024	14:57
PB161619BSD	PB161619BSD	BN032132.D	06/21/2024	15:33
GWBR-05-115-142-61924	P2978-01	BN032133.D	06/21/2024	16:09
PB161642BS	PB161642BS	BN032134.D	06/21/2024	16:45
PB161642BL	PB161642BL	BN032135.D	06/21/2024	17:21
PB161642BSD	PB161642BSD	BN032136.D	06/21/2024	17:58
BP-VPB-196-EB-20240618	P3002-02	BN032137.D	06/21/2024	18:34
BP-VPB-196-GW-580-582	P3002-03	BN032138.D	06/21/2024	19:10
BP-VPB-196-GW-600-602	P3002-04	BN032139.D	06/21/2024	19:46
BP-VPB-196-GW-620-622	P3002-05	BN032140.D	06/21/2024	20:23
BP-VPB-196-GW-640-642	P3002-06	BN032141.D	06/21/2024	20:59
GWBR-05-145-165-062024	P3004-01	BN032142.D	06/21/2024	21:36
BP-VPB-189-GW-318-320	P2839-06	BN032143.D	06/21/2024	22:12
SSTDCCC0.4EC	SSTDCCC0.4	BN032144.D	06/21/2024	22:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN062124

Lab Code: CHEM

SAS No.: BN062124

SDG NO.: BN062124

Lab File ID: BN032145.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 00:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.9
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	32.2
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	10.7
442	Greater than 50% of mass 198	68.2
443	15.0 - 24.0% of mass 442	13.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN032146.D	06/22/2024	00:44
PB161510BL	PB161510BL	BN032147.D	06/22/2024	01:20
PB161510BS	PB161510BS	BN032148.D	06/22/2024	01:57
PB161510BSD	PB161510BSD	BN032149.D	06/22/2024	02:33
BP-VPB-196-EB-20240610	P2891-05	BN032150.D	06/22/2024	03:09
BP-VPB-196-GW-420-422	P2891-06	BN032151.D	06/22/2024	03:46
BP-VPB-196-GW-440-442	P2891-07	BN032152.D	06/22/2024	04:22
BP-VPB-196-GW-460-462	P2891-08	BN032153.D	06/22/2024	04:58
BP-VPB-196-GW-480-482	P2891-10	BN032154.D	06/22/2024	05:35
BP-VPB-196-GW-510-512	P2892-01	BN032155.D	06/22/2024	06:11
C0SL2	P2897-04	BN032156.D	06/22/2024	06:47
BP-VPB-189-GW-520-522	P2927-06	BN032157.D	06/22/2024	07:23
SSTDCCC0.4EC	SSTDCCC0.4	BN032158.D	06/22/2024	07:59