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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/9/2024 12 11:04

Lab File ID: BN035500.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	0.626	0.628		0.319	20.0
Fluoranthene-d10	1.134	0.986		-13.051	20.0
n-Nitrosodimethylamine	0.319	0.309		-3.135	20.0
2-Fluorophenol	1.001	0.929		-7.193	20.0
Phenol-d6	1.204	1.140		-5.316	20.0
bis(2-Chloroethyl)ether	1.012	0.979		-3.261	20.0
Nitrobenzene-d5	0.244	0.251		2.869	20.0
Naphthalene	1.055	1.024		-2.938	20.0
Hexachlorobutadiene	0.243	0.250		2.881	20.0
2-Methylnaphthalene	0.755	0.754		-0.132	20.0
2-Fluorobiphenyl	1.512	1.499		-0.86	20.0
Acenaphthylene	1.680	1.564		-6.905	20.0
Acenaphthene	1.115	1.107		-0.717	20.0
Fluorene	1.596	1.514		-5.138	20.0
4,6-Dinitro-2-methylphenol	0.039	0.038		-2.564	20.0
2,4,6-Tribromophenol	0.284	0.235		-17.254	20.0
4-Bromophenyl-phenylether	0.234	0.245		4.701	20.0
Hexachlorobenzene	0.275	0.304		10.545	20.0
Atrazine	0.167	0.141		-15.569	20.0
Pentachlorophenol	0.120	0.096		-20.0	20.0
Phenanthrene	1.099	1.067		-2.912	20.0
Anthracene	0.994	0.921		-7.344	20.0
Fluoranthene	1.481	1.286		-13.167	20.0
Pyrene	1.477	1.608		8.943	20.0
Terphenyl-d14	0.789	0.852		7.985	20.0
Benzo(a)anthracene	1.399	1.233		-11.866	20.0
Chrysene	1.443	1.448		0.347	20.0
Bis(2-ethylhexyl)phthalate	0.553	0.507		-8.318	20.0
Benzo(b)fluoranthene	1.463	2.204		50.649	20.0
Benzo(k)fluoranthene	1.440	1.494		3.75	20.0
Benzo(a)pyrene	1.205	1.118		-7.22	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.335		-14.642	20.0
Dibenzo(a,h)anthracene	1.234	0.964		-21.88	20.0
Benzo(g,h,i)perylene	1.290	1.191		-7.674	20.0
1,4-Dioxane	0.382	0.410		7.33	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/9/2024 12 15:52

Lab File ID: BN035508.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	0.626	0.620		-0.958	50.0
Fluoranthene-d10	1.134	1.008		-11.111	50.0
n-Nitrosodimethylamine	0.319	0.327		2.508	50.0
2-Fluorophenol	1.001	1.100		9.89	50.0
Phenol-d6	1.204	1.381		14.701	50.0
bis(2-Chloroethyl)ether	1.012	1.003		-0.889	50.0
Nitrobenzene-d5	0.244	0.259		6.148	50.0
Naphthalene	1.055	1.013		-3.981	50.0
Hexachlorobutadiene	0.243	0.242		-0.412	50.0
2-Methylnaphthalene	0.755	0.726		-3.841	50.0
2-Fluorobiphenyl	1.512	1.448		-4.233	50.0
Acenaphthylene	1.680	1.561		-7.083	50.0
Acenaphthene	1.115	1.067		-4.305	50.0
Fluorene	1.596	1.466		-8.145	50.0
4,6-Dinitro-2-methylphenol	0.039	0.017		-56.41	50.0
2,4,6-Tribromophenol	0.284	0.258		-9.155	50.0
4-Bromophenyl-phenylether	0.234	0.218		-6.838	50.0
Hexachlorobenzene	0.275	0.269		-2.182	50.0
Atrazine	0.167	0.157		-5.988	50.0
Pentachlorophenol	0.120	0.093		-22.5	50.0
Phenanthrene	1.099	1.021		-7.097	50.0
Anthracene	0.994	0.895		-9.96	50.0
Fluoranthene	1.481	1.288		-13.032	50.0
Pyrene	1.477	1.499		1.558	50.0
Terphenyl-d14	0.789	0.816		3.422	50.0
Benzo(a)anthracene	1.399	1.266		-9.507	50.0
Chrysene	1.443	1.406		-2.564	50.0
Bis(2-ethylhexyl)phthalate	0.553	0.554		0.181	50.0
Benzo(b)fluoranthene	1.463	2.135		45.933	50.0
Benzo(k)fluoranthene	1.440	1.419		-1.458	50.0
Benzo(a)pyrene	1.205	1.122		-6.888	50.0
Indeno(1,2,3-cd)pyrene	1.564	1.405		-10.166	50.0
Dibenzo(a,h)anthracene	1.234	1.097		-11.102	50.0
Benzo(g,h,i)perylene	1.290	1.198		-7.132	50.0
1,4-Dioxane	0.382	0.376		-1.571	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/9/2024 12 17:07

Lab File ID: BN035510.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	0.626	0.627		0.16	20.0
Fluoranthene-d10	1.134	1.031		-9.083	20.0
n-Nitrosodimethylamine	0.319	0.322		0.94	20.0
2-Fluorophenol	1.001	1.045		4.396	20.0
Phenol-d6	1.204	1.324		9.967	20.0
bis(2-Chloroethyl)ether	1.012	0.976		-3.557	20.0
Nitrobenzene-d5	0.244	0.260		6.557	20.0
Naphthalene	1.055	1.026		-2.749	20.0
Hexachlorobutadiene	0.243	0.252		3.704	20.0
2-Methylnaphthalene	0.755	0.741		-1.854	20.0
2-Fluorobiphenyl	1.512	1.514		0.132	20.0
Acenaphthylene	1.680	1.587		-5.536	20.0
Acenaphthene	1.115	1.084		-2.78	20.0
Fluorene	1.596	1.505		-5.702	20.0
4,6-Dinitro-2-methylphenol	0.039	0.019		-51.282	20.0
2,4,6-Tribromophenol	0.284	0.274		-3.521	20.0
4-Bromophenyl-phenylether	0.234	0.229		-2.137	20.0
Hexachlorobenzene	0.275	0.285		3.636	20.0
Atrazine	0.167	0.161		-3.593	20.0
Pentachlorophenol	0.120	0.102		-15.0	20.0
Phenanthrene	1.099	1.064		-3.185	20.0
Anthracene	0.994	0.929		-6.539	20.0
Fluoranthene	1.481	1.339		-9.588	20.0
Pyrene	1.477	1.518		2.846	20.0
Terphenyl-d14	0.789	0.816		3.422	20.0
Benzo(a)anthracene	1.399	1.269		-9.292	20.0
Chrysene	1.443	1.423		-1.386	20.0
Bis(2-ethylhexyl)phthalate	0.553	0.541		-2.17	20.0
Benzo(b)fluoranthene	1.463	1.610		10.048	20.0
Benzo(k)fluoranthene	1.440	1.420		-1.389	20.0
Benzo(a)pyrene	1.205	1.111		-7.801	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.434		-8.312	20.0
Dibenzo(a,h)anthracene	1.234	1.101		-10.778	20.0
Benzo(g,h,i)perylene	1.290	1.191		-7.674	20.0
1,4-Dioxane	0.382	0.363		-4.974	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/10/2024 1 00:55

Lab File ID: BN035523.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	0.626	0.625		-0.16	50.0
Fluoranthene-d10	1.134	1.005		-11.376	50.0
n-Nitrosodimethylamine	0.319	0.341		6.897	50.0
2-Fluorophenol	1.001	1.013		1.199	50.0
Phenol-d6	1.204	1.247		3.571	50.0
bis(2-Chloroethyl)ether	1.012	0.950		-6.126	50.0
Nitrobenzene-d5	0.244	0.265		8.607	50.0
Naphthalene	1.055	1.025		-2.844	50.0
Hexachlorobutadiene	0.243	0.253		4.115	50.0
2-Methylnaphthalene	0.755	0.741		-1.854	50.0
2-Fluorobiphenyl	1.512	1.447		-4.299	50.0
Acenaphthylene	1.680	1.554		-7.5	50.0
Acenaphthene	1.115	1.071		-3.946	50.0
Fluorene	1.596	1.545		-3.195	50.0
4,6-Dinitro-2-methylphenol	0.039	0.028		-28.205	50.0
2,4,6-Tribromophenol	0.284	0.266		-6.338	50.0
4-Bromophenyl-phenylether	0.234	0.229		-2.137	50.0
Hexachlorobenzene	0.275	0.279		1.455	50.0
Atrazine	0.167	0.149		-10.778	50.0
Pentachlorophenol	0.120	0.090		-25.0	50.0
Phenanthrene	1.099	1.028		-6.46	50.0
Anthracene	0.994	0.891		-10.362	50.0
Fluoranthene	1.481	1.300		-12.221	50.0
Pyrene	1.477	1.516		2.71	50.0
Terphenyl-d14	0.789	0.812		2.915	50.0
Benzo(a)anthracene	1.399	1.238		-11.508	50.0
Chrysene	1.443	1.442		-0.069	50.0
Bis(2-ethylhexyl)phthalate	0.553	0.537		-2.893	50.0
Benzo(b)fluoranthene	1.463	1.680		14.833	50.0
Benzo(k)fluoranthene	1.440	1.424		-1.111	50.0
Benzo(a)pyrene	1.205	1.076		-10.705	50.0
Indeno(1,2,3-cd)pyrene	1.564	1.422		-9.079	50.0
Dibenzo(a,h)anthracene	1.234	1.079		-12.561	50.0
Benzo(g,h,i)perylene	1.290	1.199		-7.054	50.0
1,4-Dioxane	0.382	0.386		1.047	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/10/2024 1 09:33

Lab File ID: BN035525.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	0.626	0.622		-0.639	20.0
Fluoranthene-d10	1.134	0.995		-12.257	20.0
n-Nitrosodimethylamine	0.319	0.342		7.21	20.0
2-Fluorophenol	1.001	1.042		4.096	20.0
Phenol-d6	1.204	1.276		5.98	20.0
bis(2-Chloroethyl)ether	1.012	0.971		-4.051	20.0
Nitrobenzene-d5	0.244	0.257		5.328	20.0
Naphthalene	1.055	1.032		-2.18	20.0
Hexachlorobutadiene	0.243	0.254		4.527	20.0
2-Methylnaphthalene	0.755	0.742		-1.722	20.0
2-Fluorobiphenyl	1.512	1.496		-1.058	20.0
Acenaphthylene	1.680	1.559		-7.202	20.0
Acenaphthene	1.115	1.066		-4.395	20.0
Fluorene	1.596	1.533		-3.947	20.0
4,6-Dinitro-2-methylphenol	0.039	0.027		-30.769	20.0
2,4,6-Tribromophenol	0.284	0.249		-12.324	20.0
4-Bromophenyl-phenylether	0.234	0.219		-6.41	20.0
Hexachlorobenzene	0.275	0.268		-2.545	20.0
Atrazine	0.167	0.142		-14.97	20.0
Pentachlorophenol	0.120	0.092		-23.333	20.0
Phenanthrene	1.099	1.043		-5.096	20.0
Anthracene	0.994	0.899		-9.557	20.0
Fluoranthene	1.481	1.294		-12.627	20.0
Pyrene	1.477	1.557		5.488	20.0
Terphenyl-d14	0.789	0.834		5.703	20.0
Benzo(a)anthracene	1.399	1.242		-11.222	20.0
Chrysene	1.443	1.439		-0.277	20.0
Bis(2-ethylhexyl)phthalate	0.553	0.504		-8.861	20.0
Benzo(b)fluoranthene	1.463	1.607		9.843	20.0
Benzo(k)fluoranthene	1.440	1.442		0.139	20.0
Benzo(a)pyrene	1.205	1.097		-8.963	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.345		-14.003	20.0
Dibenzo(a,h)anthracene	1.234	1.014		-17.828	20.0
Benzo(g,h,i)perylene	1.290	1.200		-6.977	20.0
1,4-Dioxane	0.382	0.382		0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG No.: BN120924

Instrument ID: BNA_N Calibration Date/Time: 12/10/2024 1 12:40

Lab File ID: BN035530.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	0.626	0.609		-2.716	50.0
Fluoranthene-d10	1.134	0.937		-17.372	50.0
n-Nitrosodimethylamine	0.319	0.321		0.627	50.0
2-Fluorophenol	1.001	0.987		-1.399	50.0
Phenol-d6	1.204	1.206		0.166	50.0
bis(2-Chloroethyl)ether	1.012	0.909		-10.178	50.0
Nitrobenzene-d5	0.244	0.255		4.508	50.0
Naphthalene	1.055	1.021		-3.223	50.0
Hexachlorobutadiene	0.243	0.253		4.115	50.0
2-Methylnaphthalene	0.755	0.722		-4.371	50.0
2-Fluorobiphenyl	1.512	1.456		-3.704	50.0
Acenaphthylene	1.680	1.555		-7.44	50.0
Acenaphthene	1.115	1.090		-2.242	50.0
Fluorene	1.596	1.558		-2.381	50.0
4,6-Dinitro-2-methylphenol	0.039	0.028		-28.205	50.0
2,4,6-Tribromophenol	0.284	0.253		-10.915	50.0
4-Bromophenyl-phenylether	0.234	0.218		-6.838	50.0
Hexachlorobenzene	0.275	0.280		1.818	50.0
Atrazine	0.167	0.146		-12.575	50.0
Pentachlorophenol	0.120	0.081		-32.5	50.0
Phenanthrene	1.099	1.041		-5.278	50.0
Anthracene	0.994	0.903		-9.155	50.0
Fluoranthene	1.481	1.229		-17.016	50.0
Pyrene	1.477	1.567		6.165	50.0
Terphenyl-d14	0.789	0.823		4.309	50.0
Benzo(a)anthracene	1.399	1.225		-12.437	50.0
Chrysene	1.443	1.441		-0.139	50.0
Bis(2-ethylhexyl)phthalate	0.553	0.527		-4.702	50.0
Benzo(b)fluoranthene	1.463	1.803		23.24	50.0
Benzo(k)fluoranthene	1.440	1.527		6.042	50.0
Benzo(a)pyrene	1.205	1.091		-9.461	50.0
Indeno(1,2,3-cd)pyrene	1.564	1.429		-8.632	50.0
Dibenzo(a,h)anthracene	1.234	1.076		-12.804	50.0
Benzo(g,h,i)perylene	1.290	1.197		-7.209	50.0
1,4-Dioxane	0.382	0.377		-1.309	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BL			SDG No.:	BN120924
Lab Sample ID:	PB165433BL			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
BN035501.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

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

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BL			SDG No.:	BN120924
Lab Sample ID:	PB165433BL			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
BN035501.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.436		20-139		109	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.391		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.346		10-100		86	SPK: -0.4
13127-88-3	Phenol-d6	0.314		10-100		79	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.403		27-123		101	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.399		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.125		10-131		31	SPK: -0.4
1718-51-0	Terphenyl-d14	0.555		35-157		139	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1678	7.3				
1146-65-2	Naphthalene-d8	4392	10.052				
15067-26-2	Acenaphthene-d10	3244	13.967				
1517-22-2	Phenanthrene-d10	7497	16.735				
1719-03-5	Chrysene-d12	5572	20.974				
1520-96-3	Perylene-d12	4964	23.067				

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TOWER-1			SDG No.:	BN120924
Lab Sample ID:	P5142-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035502.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

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

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TOWER-1			SDG No.:	BN120924
Lab Sample ID:	P5142-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035502.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.426		20-139		106	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.454		30-150		113	SPK: -0.4
367-12-4	2-Fluorophenol	0.13		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.089		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.476		27-123		119	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.35		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.36		10-131		90	SPK: -0.4
1718-51-0	Terphenyl-d14	0.548		35-157		137	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2170	7.3				
1146-65-2	Naphthalene-d8	5734	10.041				
15067-26-2	Acenaphthene-d10	4922	13.956				
1517-22-2	Phenanthrene-d10	11976	16.723				
1719-03-5	Chrysene-d12	11160	20.964				
1520-96-3	Perylene-d12	10129	23.055				

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TOWER-2			SDG No.:	BN120924
Lab Sample ID:	P5142-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035503.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

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	0.04	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.03	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	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.15	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	TOWER-2			SDG No.:	BN120924
Lab Sample ID:	P5142-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035503.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.409		20-139		102	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.419		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.14		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.113		10-100		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.445		27-123		111	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.38		34-132		95	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.375		10-131		94	SPK: -0.4
1718-51-0	Terphenyl-d14	0.571		35-157		143	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2555	7.3				
1146-65-2	Naphthalene-d8	7813	10.041				
15067-26-2	Acenaphthene-d10	6050	13.957				
1517-22-2	Phenanthrene-d10	13058	16.723				
1719-03-5	Chrysene-d12	11506	20.965				
1520-96-3	Perylene-d12	10509	23.056				

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	DSN002			SDG No.:	BN120924
Lab Sample ID:	P5143-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035504.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.66		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	DSN002			SDG No.:	BN120924
Lab Sample ID:	P5143-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035504.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.382		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.419		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.132		10-100		33	SPK: -0.4
13127-88-3	Phenol-d6	0.093		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.395		27-123		99	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.368		34-132		92	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.296		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.541		35-157		135	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2240	7.301				
1146-65-2	Naphthalene-d8	6847	10.041				
15067-26-2	Acenaphthene-d10	5238	13.957				
1517-22-2	Phenanthrene-d10	11517	16.723				
1719-03-5	Chrysene-d12	10597	20.965				
1520-96-3	Perylene-d12	10178	23.059				

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	DSN003			SDG No.:	BN120924
Lab Sample ID:	P5143-06			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
BN035505.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

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

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Report of Analysis

Client:				Date Collected:	12/5/2024 12:00:00 AM
Project:				Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	DSN003			SDG No.:	BN120924
Lab Sample ID:	P5143-06			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
BN035505.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.42		20-139		105	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.449		30-150		112	SPK: -0.4
367-12-4	2-Fluorophenol	0.14		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.096		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.427		27-123		107	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.422		34-132		105	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.315		10-131		79	SPK: -0.4
1718-51-0	Terphenyl-d14	0.59		35-157		147	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2154	7.3				
1146-65-2	Naphthalene-d8	6589	10.041				
15067-26-2	Acenaphthene-d10	5014	13.956				
1517-22-2	Phenanthrene-d10	10997	16.723				
1719-03-5	Chrysene-d12	10065	20.965				
1520-96-3	Perylene-d12	9943	23.056				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BS			SDG No.:	BN120924
Lab Sample ID:	PB165433BS			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
BN035506.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.51		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.46		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.43		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.45		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.45		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.45		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.42		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.23		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.42		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.45		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.64		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.43		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.44		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.45		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.44		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.51		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.54		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.4		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BS			SDG No.:	BN120924
Lab Sample ID:	PB165433BS			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
BN035506.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.632	*	20-139		158	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.451		30-150		113	SPK: -0.4
367-12-4	2-Fluorophenol	0.457	*	10-100		114	SPK: -0.4
13127-88-3	Phenol-d6	0.475	*	10-100		119	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.498	*	27-123		125	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.456		34-132		114	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.27		10-131		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.538		35-157		134	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2074	7.3				
1146-65-2	Naphthalene-d8	5879	10.041				
15067-26-2	Acenaphthene-d10	4160	13.956				
1517-22-2	Phenanthrene-d10	9521	16.723				
1719-03-5	Chrysene-d12	8737	20.965				
1520-96-3	Perylene-d12	8262	23.061				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BSD			SDG No.:	BN120924
Lab Sample ID:	PB165433BSD			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
BN035507.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.51		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.45		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.44		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.44		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.44		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.46		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.45		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.08		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.43		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.2		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.46		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.47		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.48		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.45		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.46		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.46		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.49		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.48		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.43		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BSD			SDG No.:	BN120924
Lab Sample ID:	PB165433BSD			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
BN035507.D	1	12/6/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.601	*	20-139		150	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.444		30-150		111	SPK: -0.4
367-12-4	2-Fluorophenol	0.432	*	10-100		108	SPK: -0.4
13127-88-3	Phenol-d6	0.435	*	10-100		109	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.492		27-123		123	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.457		34-132		114	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.259		10-131		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.531		35-157		133	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1939	7.301				
1146-65-2	Naphthalene-d8	5409	10.041				
15067-26-2	Acenaphthene-d10	3684	13.957				
1517-22-2	Phenanthrene-d10	8261	16.723				
1719-03-5	Chrysene-d12	7509	20.965				
1520-96-3	Perylene-d12	6920	23.062				

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BL			SDG No.:	BN120924
Lab Sample ID:	PB165497BL			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
BN035511.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BL			SDG No.:	BN120924
Lab Sample ID:	PB165497BL			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
BN035511.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.456		20-139		114	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.447		30-150		112	SPK: -0.4
367-12-4	2-Fluorophenol	0.468	*	10-100		117	SPK: -0.4
13127-88-3	Phenol-d6	0.42	*	10-100		105	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.453		27-123		113	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.425		34-132		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.193		10-131		48	SPK: -0.4
1718-51-0	Terphenyl-d14	0.564		35-157		141	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1641	7.3				
1146-65-2	Naphthalene-d8	4578	10.052				
15067-26-2	Acenaphthene-d10	3247	13.957				
1517-22-2	Phenanthrene-d10	7570	16.736				
1719-03-5	Chrysene-d12	6431	20.974				
1520-96-3	Perylene-d12	6251	23.067				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE108D2-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035512.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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	0.05	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.5		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE108D2-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035512.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.387		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.458		30-150		114	SPK: -0.4
367-12-4	2-Fluorophenol	0.143		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.426		27-123		106	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.422		34-132		105	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.297		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.643	*	35-157		161	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1616	7.301				
1146-65-2	Naphthalene-d8	4623	10.041				
15067-26-2	Acenaphthene-d10	3281	13.957				
1517-22-2	Phenanthrene-d10	7900	16.723				
1719-03-5	Chrysene-d12	7073	20.965				
1520-96-3	Perylene-d12	7058	23.059				

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Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE108D1-20241206	SDG No.:	BN120924
Lab Sample ID:	P5164-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035513.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	3.1		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE108D1-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035513.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.394		20-139		98	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.408		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.154		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.084		10-100		21	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.416		27-123		104	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.459		34-132		115	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.252		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.643	*	35-157		161	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1500	7.3				
1146-65-2	Naphthalene-d8	4288	10.041				
15067-26-2	Acenaphthene-d10	3273	13.956				
1517-22-2	Phenanthrene-d10	7859	16.723				
1719-03-5	Chrysene-d12	6610	20.965				
1520-96-3	Perylene-d12	6392	23.061				

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Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE105D2-20241206	SDG No.:	BN120924
Lab Sample ID:	P5164-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035514.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	4.3		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE105D2-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035514.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.385		20-139		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.431		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.151		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.092		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.413		27-123		103	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.41		34-132		102	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.256		10-131		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.666	*	35-157		166	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1515	7.3				
1146-65-2	Naphthalene-d8	4180	10.041				
15067-26-2	Acenaphthene-d10	3091	13.956				
1517-22-2	Phenanthrene-d10	7600	16.723				
1719-03-5	Chrysene-d12	6224	20.965				
1520-96-3	Perylene-d12	6145	23.061				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE105D1-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035515.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.06	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	4.9		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RE105D1-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035515.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.366		20-139		91	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.4		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.135		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.079		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.381		27-123		95	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.389		34-132		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.276		10-131		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.714	*	35-157		178	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1526	7.301				
1146-65-2	Naphthalene-d8	4181	10.041				
15067-26-2	Acenaphthene-d10	3189	13.957				
1517-22-2	Phenanthrene-d10	7888	16.723				
1719-03-5	Chrysene-d12	6613	20.965				
1520-96-3	Perylene-d12	6375	23.062				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	FB-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035516.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	FB-20241206			SDG No.:	BN120924
Lab Sample ID:	P5164-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035516.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.405		20-139		101	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.445		30-150		111	SPK: -0.4
367-12-4	2-Fluorophenol	0.152		10-100		38	SPK: -0.4
13127-88-3	Phenol-d6	0.096		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.445		27-123		111	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.441		34-132		110	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.253		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.697	*	35-157		174	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1690	7.301				
1146-65-2	Naphthalene-d8	4712	10.041				
15067-26-2	Acenaphthene-d10	3572	13.957				
1517-22-2	Phenanthrene-d10	8431	16.723				
1719-03-5	Chrysene-d12	7106	20.965				
1520-96-3	Perylene-d12	6618	23.062				

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Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241206	SDG No.:	BN120924
Lab Sample ID:	P5166-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035517.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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	0.06	J	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	8.4	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241206			SDG No.:	BN120924
Lab Sample ID:	P5166-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035517.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.349		20-139		87	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.402		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.129		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.068		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.374		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.33		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.224		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.553		35-157		138	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1838	7.301				
1146-65-2	Naphthalene-d8	4853	10.041				
15067-26-2	Acenaphthene-d10	3623	13.957				
1517-22-2	Phenanthrene-d10	9117	16.723				
1719-03-5	Chrysene-d12	7610	20.965				
1520-96-3	Perylene-d12	7094	23.062				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP201-20241206			SDG No.:	BN120924
Lab Sample ID:	P5166-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035518.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP201-20241206			SDG No.:	BN120924
Lab Sample ID:	P5166-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035518.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.374		20-139		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.44		30-150		110	SPK: -0.4
367-12-4	2-Fluorophenol	0.125		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.069		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.392		27-123		98	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.364		34-132		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.255		10-131		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.66	*	35-157		165	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1759	7.301				
1146-65-2	Naphthalene-d8	4808	10.041				
15067-26-2	Acenaphthene-d10	3560	13.957				
1517-22-2	Phenanthrene-d10	8364	16.723				
1719-03-5	Chrysene-d12	7094	20.965				
1520-96-3	Perylene-d12	6747	23.059				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241206			SDG No.:	BN120924
Lab Sample ID:	P5166-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035519.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

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

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Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241206	SDG No.:	BN120924
Lab Sample ID:	P5166-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035519.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.449		20-139		112	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.516		30-150		129	SPK: -0.4
367-12-4	2-Fluorophenol	0.157		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.089		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.453		27-123		113	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.413		34-132		103	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.293		10-131		73	SPK: -0.4
1718-51-0	Terphenyl-d14	0.737	*	35-157		184	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1257	7.301				
1146-65-2	Naphthalene-d8	3408	10.041				
15067-26-2	Acenaphthene-d10	2615	13.957				
1517-22-2	Phenanthrene-d10	6478	16.723				
1719-03-5	Chrysene-d12	5571	20.974				
1520-96-3	Perylene-d12	5305	23.065				

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BS			SDG No.:	BN120924
Lab Sample ID:	PB165497BS			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
BN035520.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.48		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.44		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.42		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.45		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.44		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.87		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.43		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.3		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.42		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.42		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.6		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.43		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.44		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.46		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.48		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.41		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BS			SDG No.:	BN120924
Lab Sample ID:	PB165497BS			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
BN035520.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.604	*	20-139		151	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.449		30-150		112	SPK: -0.4
367-12-4	2-Fluorophenol	0.426	*	10-100		106	SPK: -0.4
13127-88-3	Phenol-d6	0.431	*	10-100		108	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.5	*	27-123		125	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.455		34-132		114	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.279		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.58		35-157		145	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1422	7.301				
1146-65-2	Naphthalene-d8	3870	10.041				
15067-26-2	Acenaphthene-d10	2791	13.957				
1517-22-2	Phenanthrene-d10	6993	16.723				
1719-03-5	Chrysene-d12	6498	20.965				
1520-96-3	Perylene-d12	5969	23.065				

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BSD			SDG No.:	BN120924
Lab Sample ID:	PB165497BSD			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
BN035521.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.57		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.49		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.49		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.52		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.5		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.52		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.52		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	8.2		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.5		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.35		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.49		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.52		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.51		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.63		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.51		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.51		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.46		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.53		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.51		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.5		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.57		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.58		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.55		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.5		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.47		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.49		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.48		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BSD			SDG No.:	BN120924
Lab Sample ID:	PB165497BSD			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
BN035521.D	1	12/9/2024 12:00:00 AM	12/9/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.703	*	20-139		176	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.524		30-150		131	SPK: -0.4
367-12-4	2-Fluorophenol	0.449	*	10-100		112	SPK: -0.4
13127-88-3	Phenol-d6	0.47	*	10-100		117	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.588	*	27-123		147	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.544	*	34-132		136	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.31		10-131		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.708	*	35-157		177	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1515	7.3				
1146-65-2	Naphthalene-d8	3901	10.041				
15067-26-2	Acenaphthene-d10	2723	13.956				
1517-22-2	Phenanthrene-d10	6484	16.723				
1719-03-5	Chrysene-d12	5752	20.964				
1520-96-3	Perylene-d12	5037	23.064				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BS			SDG No.:	BN120924
Lab Sample ID:	PB165433BS			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
BN035522.D	1	12/6/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.42		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.42		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.37		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.25		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.39		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.4		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	0.39		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.47		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.38		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BS			SDG No.:	BN120924
Lab Sample ID:	PB165433BS			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
BN035522.D	1	12/6/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.534		20-139		133	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.384		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.334		10-100		83	SPK: -0.4
13127-88-3	Phenol-d6	0.34		10-100		85	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.427		27-123		107	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.411		34-132		103	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.227		10-131		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.474		35-157		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1681	7.301				
1146-65-2	Naphthalene-d8	4355	10.041				
15067-26-2	Acenaphthene-d10	2973	13.957				
1517-22-2	Phenanthrene-d10	7533	16.723				
1719-03-5	Chrysene-d12	6473	20.965				
1520-96-3	Perylene-d12	5646	23.062				

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BL			SDG No.:	BN120924
Lab Sample ID:	PB165433BL			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
BN035526.D	1	12/6/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165433

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

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	PB165433BL			SDG No.:	BN120924
Lab Sample ID:	PB165433BL			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
BN035526.D	1	12/6/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165433

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.435		20-139		109	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.406		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.408	*	10-100		102	SPK: -0.4
13127-88-3	Phenol-d6	0.351		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.428		27-123		107	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.385		34-132		96	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.132		10-131		33	SPK: -0.4
1718-51-0	Terphenyl-d14	0.552		35-157		138	SPK: -0.4

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	1622	7.301
1146-65-2	Naphthalene-d8	4371	10.052
15067-26-2	Acenaphthene-d10	3363	13.967
1517-22-2	Phenanthrene-d10	8260	16.736
1719-03-5	Chrysene-d12	6404	20.974
1520-96-3	Perylene-d12	5929	23.067

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Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241206DL	SDG No.:	BN120924
Lab Sample ID:	P5166-04DL	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
BN035527.D	5	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.15	U	0.15	1	1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.14	U	0.14	0.5	0.5	ug/L
91-20-3	Naphthalene	0.12	U	0.12	0.5	0.5	ug/L
87-68-3	Hexachlorobutadiene	0.13	U	0.13	0.5	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.15	U	0.15	0.5	0.5	ug/L
208-96-8	Acenaphthylene	0.11	U	0.11	0.5	0.5	ug/L
83-32-9	Acenaphthene	0.1	U	0.1	0.5	0.5	ug/L
Total PAH	Total PAH	2.3	U	2.3	0.5	8	ug/L
86-73-7	Fluorene	0.09	U	0.09	0.5	0.5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.7	U	0.7	1	1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.13	U	0.13	0.5	0.5	ug/L
118-74-1	Hexachlorobenzene	0.14	U	0.14	0.5	0.5	ug/L
1912-24-9	Atrazine	0.12	U	0.12	0.5	0.5	ug/L
87-86-5	Pentachlorophenol	0.45	U	0.45	1	1	ug/L
85-01-8	Phenanthrene	0.1	U	0.1	0.5	0.5	ug/L
120-12-7	Anthracene	0.12	U	0.12	0.5	0.5	ug/L
206-44-0	Fluoranthene	0.12	U	0.12	0.5	0.5	ug/L
129-00-0	Pyrene	0.11	U	0.11	0.5	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.5	0.5	ug/L
218-01-9	Chrysene	0.13	U	0.13	0.5	0.5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.7	U	0.7	1	1	ug/L
205-99-2	Benzo(b)fluoranthene	0.16	U	0.16	0.5	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.17	U	0.17	0.5	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.28	U	0.28	0.5	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.19	U	0.19	0.5	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.2	U	0.2	0.5	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.19	0.5	0.5	ug/L
123-91-1	1,4-Dioxane	8.8	D	0.34	1	1	ug/L

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Report of Analysis

Client:				Date Collected:	12/6/2024 12:00:00 AM
Project:				Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241206DL			SDG No.:	BN120924
Lab Sample ID:	P5166-04DL			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
BN035527.D	5	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.345		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.385		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.145		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.075		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.315		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.31		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.21		10-131		52	SPK: -0.4
1718-51-0	Terphenyl-d14	0.57		35-157		142	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1780	7.301				
1146-65-2	Naphthalene-d8	4601	10.041				
15067-26-2	Acenaphthene-d10	3512	13.957				
1517-22-2	Phenanthrene-d10	9370	16.736				
1719-03-5	Chrysene-d12	6994	20.974				
1520-96-3	Perylene-d12	6330	23.067				

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BS			SDG No.:	BN120924
Lab Sample ID:	PB165497BS			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
BN035528.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.45		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.38		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.35		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.24		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.38		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.31		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		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.4		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.51		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.36		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BS			SDG No.:	BN120924
Lab Sample ID:	PB165497BS			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
BN035528.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.534		20-139		133	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.377		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.353		10-100		88	SPK: -0.4
13127-88-3	Phenol-d6	0.353		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.41		27-123		102	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.404		34-132		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.222		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.476		35-157		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1669	7.3				
1146-65-2	Naphthalene-d8	4431	10.041				
15067-26-2	Acenaphthene-d10	3092	13.956				
1517-22-2	Phenanthrene-d10	7959	16.723				
1719-03-5	Chrysene-d12	6696	20.964				
1520-96-3	Perylene-d12	5945	23.058				

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BSD			SDG No.:	BN120924
Lab Sample ID:	PB165497BSD			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
BN035529.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.39		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.32		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.39		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.23		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.39		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.33		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	0.39		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.38		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.46		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.35		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	12/9/2024 12:00:00 AM
Project:				Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	PB165497BSD			SDG No.:	BN120924
Lab Sample ID:	PB165497BSD			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
BN035529.D	1	12/9/2024 12:00:00 AM	12/10/2024 12:00:00 AM	PB165497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.533		20-139		133	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.366		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.353		10-100		88	SPK: -0.4
13127-88-3	Phenol-d6	0.362		10-100		90	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.427		27-123		107	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.397		34-132		99	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.222		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.477		35-157		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1941	7.293				
1146-65-2	Naphthalene-d8	5150	10.041				
15067-26-2	Acenaphthene-d10	3668	13.957				
1517-22-2	Phenanthrene-d10	9298	16.723				
1719-03-5	Chrysene-d12	7541	20.965				
1520-96-3	Perylene-d12	6738	23.062				

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Hit Summary Sheet
SW-846

SDG No.: BN120924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TOWER-1								
P5142-02	TOWER-1	Water	1,4-Dioxane	0.200		0.07	0.2	ug/L
P5142-02	TOWER-1	Water	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P5142-02	TOWER-1	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P5142-02	TOWER-1	Water	Benzo(k)fluoranthene	0.040	J	0.03	0.1	ug/L
P5142-02	TOWER-1	Water	Bis(2-ethylhexyl)phthalate	0.410		0.14	0.2	ug/L
P5142-02	TOWER-1	Water	Chrysene	0.040	J	0.03	0.1	ug/L
P5142-02	TOWER-1	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P5142-02	TOWER-1	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
P5142-02	TOWER-1	Water	Pentachlorophenol	0.100	J	0.09	0.2	ug/L
P5142-02	TOWER-1	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
P5142-02	TOWER-1	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.96**				
			Total Concentration:	**0.96**				
Client ID : TOWER-2								
P5142-04	TOWER-2	Water	1,4-Dioxane	0.150	J	0.07	0.2	ug/L
P5142-04	TOWER-2	Water	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P5142-04	TOWER-2	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P5142-04	TOWER-2	Water	Benzo(k)fluoranthene	0.030	J	0.03	0.1	ug/L
P5142-04	TOWER-2	Water	Bis(2-ethylhexyl)phthalate	0.490		0.14	0.2	ug/L
P5142-04	TOWER-2	Water	Chrysene	0.030	J	0.03	0.1	ug/L
P5142-04	TOWER-2	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P5142-04	TOWER-2	Water	Naphthalene	0.040	J	0.02	0.1	ug/L
P5142-04	TOWER-2	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P5142-04	TOWER-2	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.89**				
			Total Concentration:	**0.89**				
Client ID : DSN002								
P5143-02	DSN002	Water	1,4-Dioxane	0.660		0.07	0.2	ug/L
P5143-02	DSN002	Water	Bis(2-ethylhexyl)phthalate	0.340		0.14	0.2	ug/L
			Total Svoc :	**1.00**				
			Total Concentration:	**1.00**				
Client ID : DSN003								
P5143-06	DSN003	Water	1,4-Dioxane	0.560		0.07	0.2	ug/L
P5143-06	DSN003	Water	Bis(2-ethylhexyl)phthalate	0.140	J	0.14	0.2	ug/L
			Total Svoc :	**0.70**				
			Total Concentration:	**0.70**				

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Hit Summary Sheet
SW-846

SDG No.: BN120924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**RE108D2-20241206**							
P5164-01	RE108D2-20241206	Water	1,4-Dioxane	2.500		0.07	0.2	ug/L
P5164-01	RE108D2-20241206	Water	bis(2-Chloroethyl)ether	0.050	J	0.03	0.1	ug/L
			Total Svoc :	**2.55**				
			Total Concentration:	**2.55**				
Client ID :	**RE108D1-20241206**							
P5164-02	RE108D1-20241206	Water	1,4-Dioxane	3.100		0.07	0.2	ug/L
			Total Svoc :	**3.10**				
			Total Concentration:	**3.10**				
Client ID :	**RE105D1-20241206**							
P5164-03	RE105D1-20241206	Water	1,4-Dioxane	4.900		0.07	0.21	ug/L
P5164-03	RE105D1-20241206	Water	bis(2-Chloroethyl)ether	0.060	J	0.03	0.1	ug/L
P5164-03	RE105D1-20241206	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P5164-03	RE105D1-20241206	Water	Pyrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :	**5.00**				
			Total Concentration:	**5.00**				
Client ID :	**RE105D2-20241206**							
P5164-04	RE105D2-20241206	Water	1,4-Dioxane	4.300		0.07	0.2	ug/L
P5164-04	RE105D2-20241206	Water	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Benzo(k)fluoranthene	0.030	J	0.03	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Chrysene	0.030	J	0.03	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
P5164-04	RE105D2-20241206	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**4.51**				
			Total Concentration:	**4.51**				
Client ID :	**FB-20241206**							
P5164-06	FB-20241206	Water	4-Bromophenyl-phenylether	0.030	J	0.03	0.1	ug/L
P5164-06	FB-20241206	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P5164-06	FB-20241206	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P5164-06	FB-20241206	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.12**				
			Total Concentration:	**0.12**				
Client ID :	**RW5-SP100-20241206**							
P5166-04	RW5-SP100-20241206	Water	1,4-Dioxane	8.400	E	0.07	0.2	ug/L
P5166-04	RW5-SP100-20241206	Water	bis(2-Chloroethyl)ether	0.060	J	0.03	0.1	ug/L
			Total Svoc :	**8.46**				

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Hit Summary Sheet
SW-846

SDG No.: BN120924

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:			**8.46**		
Client ID :	**RW5-SP100-20241206DL**						
P5166-04DL	RW5-SP100-20241206DI Water	1,4-Dioxane	8.800	D	0.34	1	ug/L
		Total Svoc :			**8.80**		
		Total Concentration:			**8.80**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN112724 SAS No.: BN112724 SDG No.: BN112724

Instrument ID: Calibration Date(s): 11/27/2024

Calibration Time(s): 15:34

LAB FILE ID: RRF0.1 = BN035350.D RRF0.2 = BN035351.D RRF0.4 = BN035352.D
RRF0.8 = BN035353.D RRF1.6 = BN035354.D RRF3.2 = BN035355.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.591	0.603	0.619	0.615	0.659	0.639	0.626	4.2
Fluoranthene-d10	1.203	1.086	1.077	1.105	1.165	1.138	1.134	4.1
n-Nitrosodimethylamine	0.334	0.302	0.326	0.315	0.332	0.310	0.319	3.9
2-Fluorophenol	1.025	1.112	1.018	0.958	0.998	0.954	1.001	5.9
Phenol-d6	1.227	1.186	1.193	1.143	1.235	1.215	1.204	2.7
bis(2-Chloroethyl)ether	1.035	1.021	0.992	0.993	1.051	0.997	1.012	2.4
Nitrobenzene-d5	0.227	0.232	0.235	0.248	0.257	0.251	0.244	5.3
Naphthalene	1.062	1.029	1.047	1.032	1.096	1.049	1.055	2.2
Hexachlorobutadiene	0.245	0.242	0.247	0.241	0.255	0.236	0.243	2.6
2-Methylnaphthalene	0.724	0.716	0.740	0.747	0.795	0.771	0.755	4.3
2-Fluorobiphenyl	1.489	1.491	1.510	1.508	1.566	1.511	1.512	1.7
Acenaphthylene	1.643	1.600	1.595	1.638	1.737	1.763	1.680	4.7
Acenaphthene	1.121	1.084	1.086	1.108	1.145	1.122	1.115	2.2
Fluorene	1.589	1.549	1.543	1.600	1.652	1.614	1.596	2.5
4,6-Dinitro-2-methylphenol	0.038	0.031	0.036	0.041	0.051		0.039	19.3
2,4,6-Tribromophenol	0.273	0.258	0.257	0.268	0.293	0.311	0.284	9.7
4-Bromophenyl-phenylether	0.226	0.218	0.226	0.233	0.249	0.242	0.234	4.9
Hexachlorobenzene	0.265	0.266	0.273	0.276	0.288	0.278	0.275	2.8
Atrazine	0.155	0.155	0.154	0.156	0.175	0.179	0.167	9.0
Pentachlorophenol	0.140	0.090	0.095	0.103	0.121	0.136	0.120	19.9
Phenanthrene	1.092	1.046	1.067	1.092	1.148	1.121	1.099	3.2
Anthracene	0.964	0.923	0.940	0.973	1.050	1.042	0.994	5.8
Fluoranthene	1.538	1.396	1.416	1.456	1.539	1.497	1.481	4.0
Pyrene	1.583	1.445	1.475	1.443	1.519	1.440	1.477	3.8
Terphenyl-d14	0.832	0.777	0.791	0.771	0.812	0.772	0.789	3.1
Benzo(a)anthracene	1.431	1.343	1.355	1.375	1.451	1.411	1.399	3.0
Chrysene	1.463	1.452	1.441	1.415	1.487	1.422	1.443	1.8
Bis(2-ethylhexyl)phthalate	0.710	0.558	0.516	0.505	0.520	0.516	0.553	13.0
Benzo(b)fluoranthene	1.305	1.348	1.313	1.378	1.827	1.463	1.463	13.1
Benzo(k)fluoranthene	1.444	1.376	1.402	1.419	1.527	1.447	1.440	3.4
Benzo(a)pyrene	1.204	1.156	1.146	1.171	1.256	1.232	1.205	4.1
Indeno(1,2,3-cd)pyrene	1.411	1.489	1.532	1.554	1.660	1.615	1.564	6.2
Dibenzo(a,h)anthracene	1.104	1.187	1.194	1.226	1.315	1.280	1.234	6.6
Benzo(g,h,i)perylene	1.188	1.238	1.248	1.269	1.360	1.330	1.290	5.7
1,4-Dioxane	0.406	0.417	0.376	0.380	0.392	0.357	0.382	6.5

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035352.D Time Analyzed: 11:40

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	2048	7.308	5229	10.05	3799	13.97
	UPPER LIMIT	4096	7.808	10458	10.552	7598	14.467
	LOWER LIMIT	1024	6.808	2614.5	9.552	1899.5	13.467
	EPA SAMPLE NO.						
01	PB165433BL	1678	7.30	4392	10.05	3244	13.97
02	TOWER-1	2170	7.30	5734	10.04	4922	13.96
03	TOWER-2	2555	7.30	7813	10.04	6050	13.96
04	DSN002	2240	7.30	6847	10.04	5238	13.96
05	DSN003	2154	7.30	6589	10.04	5014	13.96
06	PB165433BS	2074	7.30	5879	10.04	4160	13.96
07	PB165433BSD	1939	7.30	5409	10.04	3684	13.96
08	PB165497BL	1641	7.30	4578	10.05	3247	13.96
09	RE108D2-20241206	1616	7.30	4623	10.04	3281	13.96
10	RE108D1-20241206	1500	7.30	4288	10.04	3273	13.96
11	RE105D2-20241206	1515	7.30	4180	10.04	3091	13.96
12	RE105D1-20241206	1526	7.30	4181	10.04	3189	13.96
13	FB-20241206	1690	7.30	4712	10.04	3572	13.96
14	RW5-SP100-20241206	1838	7.30	4853	10.04	3623	13.96
15	RW5-SP201-20241206	1759	7.30	4808	10.04	3560	13.96
16	RW5-SP303-20241206	1257	7.30	3408	10.04	2615	13.96
17	PB165497BS	1422	7.30	3870	10.04	2791	13.96
18	PB165497BSD	1515	7.30	3901	10.04	2723	13.96
19	PB165433BS	1681	7.30	4355	10.04	2973	13.96
20	PB165433BL	1622	7.30	4371	10.05	3363	13.97
21	RW5-SP100-20241206DL	1780	7.30	4601	10.04	3512	13.96
22	PB165497BS	1669	7.30	4431	10.04	3092	13.96
23	PB165497BSD	1941	7.29	5150	10.04	3668	13.96

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035352.D Time Analyzed: 12:03

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	2048	7.308	5229	10.05	3799	13.97
UPPER LIMIT	4096	7.808	10458	10.552	7598	14.467
LOWER LIMIT	1024	6.808	2614.5	9.552	1899.5	13.467
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035500.D Time Analyzed: 11:40

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	2421	7.301	6510	10.04	4763	13.96
	UPPER LIMIT	4842	7.801	13020	10.541	9526	14.457
	LOWER LIMIT	1210.5	6.801	3255	9.541	2381.5	13.457
	EPA SAMPLE NO.						
01	PB165433BL	1678	7.30	4392	10.05	3244	13.97
02	TOWER-1	2170	7.30	5734	10.04	4922	13.96
03	TOWER-2	2555	7.30	7813	10.04	6050	13.96
04	DSN002	2240	7.30	6847	10.04	5238	13.96
05	DSN003	2154	7.30	6589	10.04	5014	13.96
06	PB165433BS	2074	7.30	5879	10.04	4160	13.96
07	PB165433BSD	1939	7.30	5409	10.04	3684	13.96

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035510.D Time Analyzed: 17:43

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	1975	7.3	5582	10.04	4021	13.96
	UPPER LIMIT	3950	7.8	11164	10.541	8042	14.456
	LOWER LIMIT	987.5	6.8	2791	9.541	2010.5	13.456
	EPA SAMPLE NO.						
01	PB165497BL	1641	7.30	4578	10.05	3247	13.96
02	RE108D2-20241206	1616	7.30	4623	10.04	3281	13.96
03	RE108D1-20241206	1500	7.30	4288	10.04	3273	13.96
04	RE105D2-20241206	1515	7.30	4180	10.04	3091	13.96
05	RE105D1-20241206	1526	7.30	4181	10.04	3189	13.96
06	FB-20241206	1690	7.30	4712	10.04	3572	13.96
07	RW5-SP100-20241206	1838	7.30	4853	10.04	3623	13.96
08	RW5-SP201-20241206	1759	7.30	4808	10.04	3560	13.96
09	RW5-SP303-20241206	1257	7.30	3408	10.04	2615	13.96
10	PB165497BS	1422	7.30	3870	10.04	2791	13.96
11	PB165497BSD	1515	7.30	3901	10.04	2723	13.96
12	PB165433BS	1681	7.30	4355	10.04	2973	13.96

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035525.D Time Analyzed: 10:09

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	2237	7.293	6161	10.04	4478	13.96
	UPPER LIMIT	4474	7.793	12322	10.541	8956	14.457
	LOWER LIMIT	1118.5	6.793	3080.5	9.541	2239	13.457
	EPA SAMPLE NO.						
01	PB165433BL	1622	7.30	4371	10.05	3363	13.97
02	RW5-SP100-20241206DL	1780	7.30	4601	10.04	3512	13.96
03	PB165497BS	1669	7.30	4431	10.04	3092	13.96
04	PB165497BSD	1941	7.29	5150	10.04	3668	13.96

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035352.D Time Analyzed: 11:40

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	9490	16.736	9527	20.974	10842		23.067
	UPPER LIMIT	18980	17.236	19054	21.474	21684		23.567
	LOWER LIMIT	4745	16.236	4763.5	20.474	5421		22.567
	EPA SAMPLE NO.							
01	PB165433BL	7497	16.74	5572	20.97	4964	*	23.07
02	TOWER-1	11976	16.72	11160	20.96	10129		23.06
03	TOWER-2	13058	16.72	11506	20.97	10509		23.06
04	DSN002	11517	16.72	10597	20.97	10178		23.06
05	DSN003	10997	16.72	10065	20.97	9943		23.06
06	PB165433BS	9521	16.72	8737	20.97	8262		23.06
07	PB165433BSD	8261	16.72	7509	20.97	6920		23.06
08	PB165497BL	7570	16.74	6431	20.97	6251		23.07
09	RE108D2-20241206	7900	16.72	7073	20.97	7058		23.06
10	RE108D1-20241206	7859	16.72	6610	20.97	6392		23.06
11	RE105D2-20241206	7600	16.72	6224	20.97	6145		23.06
12	RE105D1-20241206	7888	16.72	6613	20.97	6375		23.06
13	FB-20241206	8431	16.72	7106	20.97	6618		23.06
14	RW5-SP100-20241206	9117	16.72	7610	20.97	7094		23.06
15	RW5-SP201-20241206	8364	16.72	7094	20.97	6747		23.06
16	RW5-SP303-20241206	6478	16.72	5571	20.97	5305	*	23.07
17	PB165497BS	6993	16.72	6498	20.97	5969		23.07
18	PB165497BSD	6484	16.72	5752	20.96	5037	*	23.06
19	PB165433BS	7533	16.72	6473	20.97	5646		23.06
20	PB165433BL	8260	16.74	6404	20.97	5929		23.07
21	RW5-SP100-20241206DL	9370	16.74	6994	20.97	6330		23.07

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035352.D Time Analyzed: 11:21

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	9490	16.736	9527	20.974	10842	23.067
	UPPER LIMIT	18980	17.236	19054	21.474	21684	23.567
	LOWER LIMIT	4745	16.236	4763.5	20.474	5421	22.567
	EPA SAMPLE NO.						
22	PB165497BS	7959	16.72	6696	20.96	5945	23.06
23	PB165497BSD	9298	16.72	7541	20.97	6738	23.06

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035500.D Time Analyzed: 11:40

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	10464	16.723	8413	20.965	7482	23.062
	UPPER LIMIT	20928	17.223	16826	21.465	14964	23.562
	LOWER LIMIT	5232	16.223	4206.5	20.465	3741	22.562
	EPA SAMPLE NO.						
01	PB165433BL	7497	16.74	5572	20.97	4964	23.07
02	TOWER-1	11976	16.72	11160	20.96	10129	23.06
03	TOWER-2	13058	16.72	11506	20.97	10509	23.06
04	DSN002	11517	16.72	10597	20.97	10178	23.06
05	DSN003	10997	16.72	10065	20.97	9943	23.06
06	PB165433BS	9521	16.72	8737	20.97	8262	23.06
07	PB165433BSD	8261	16.72	7509	20.97	6920	23.06

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

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

Lab File ID: BN035510.D Time Analyzed: 17:43

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	9077	16.723	8166	20.965	8385	23.059
	UPPER LIMIT	18154	17.223	16332	21.465	16770	23.559
	LOWER LIMIT	4538.5	16.223	4083	20.465	4192.5	22.559
	EPA SAMPLE NO.						
01	PB165497BL	7570	16.74	6431	20.97	6251	23.07
02	RE108D2-20241206	7900	16.72	7073	20.97	7058	23.06
03	RE108D1-20241206	7859	16.72	6610	20.97	6392	23.06
04	RE105D2-20241206	7600	16.72	6224	20.97	6145	23.06
05	RE105D1-20241206	7888	16.72	6613	20.97	6375	23.06
06	FB-20241206	8431	16.72	7106	20.97	6618	23.06
07	RW5-SP100-20241206	9117	16.72	7610	20.97	7094	23.06
08	RW5-SP201-20241206	8364	16.72	7094	20.97	6747	23.06
09	RW5-SP303-20241206	6478	16.72	5571	20.97	5305	23.07
10	PB165497BS	6993	16.72	6498	20.97	5969	23.07
11	PB165497BSD	6484	16.72	5752	20.96	5037	23.06
12	PB165433BS	7533	16.72	6473	20.97	5646	23.06

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 10 2024 12:00AM

Lab File ID: BN035525.D Time Analyzed: 10:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	11122	16.723	9383	20.965	8820	23.059
	UPPER LIMIT	22244	17.223	18766	21.465	17640	23.559
	LOWER LIMIT	5561	16.223	4691.5	20.465	4410	22.559
	EPA SAMPLE NO.						
01	PB165433BL	8260	16.74	6404	20.97	5929	23.07
02	RW5-SP100-20241206DL	9370	16.74	6994	20.97	6330	23.07
03	PB165497BS	7959	16.72	6696	20.96	5945	23.06
04	PB165497BSD	9298	16.72	7541	20.97	6738	23.06

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165433BS	n-Nitrosodimethylamine	0.4	0.51	ug/L	128				33	130	
	n-Nitrosodimethylamine	0.4	0.42	ug/L	105				33	130	
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98				55	118	
	bis(2-Chloroethyl)ether	0.4	0.46	ug/L	115				55	118	
	Naphthalene	0.4	0.43	ug/L	108				67	120	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.42	ug/L	105				33	114	
	Hexachlorobutadiene	0.4	0.41	ug/L	103				33	114	
	2-Methylnaphthalene	0.4	0.45	ug/L	113				50	122	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	Acenaphthylene	0.4	0.4	ug/L	100				60	119	
	Acenaphthylene	0.4	0.45	ug/L	113				60	119	
	Acenaphthene	0.4	0.45	ug/L	113				65	119	
	Total PAH	6.4	7	ug/L	109				65	119	
	Acenaphthene	0.4	0.4	ug/L	100				65	119	
	Total PAH	6.4	6.37	ug/L	100				65	119	
	Fluorene	0.4	0.39	ug/L	98				58	122	
	Fluorene	0.4	0.42	ug/L	105				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.23	ug/L	58				20	150	
	4,6-Dinitro-2-methylphenol	0.4	0.25	ug/L	63				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105				20	150	
	Hexachlorobenzene	0.4	0.42	ug/L	105				62	127	
	Hexachlorobenzene	0.4	0.39	ug/L	98				62	127	
	Atrazine	0.4	0.37	ug/L	93				20	150	
	Atrazine	0.4	0.45	ug/L	113				20	150	
	Pentachlorophenol	0.8	0.64	ug/L	80				10	137	
	Pentachlorophenol	0.8	0.4	ug/L	50				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Phenanthrene	0.4	0.43	ug/L	108				65	117	
	Anthracene	0.4	0.44	ug/L	110				57	118	
	Anthracene	0.4	0.39	ug/L	98				57	118	
	Fluoranthene	0.4	0.35	ug/L	88				53	126	
	Fluoranthene	0.4	0.39	ug/L	98				53	126	
	Pyrene	0.4	0.45	ug/L	113				54	124	
	Pyrene	0.4	0.42	ug/L	105				54	124	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				54	130	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				54	130	
	Chrysene	0.4	0.44	ug/L	110				64	126	
	Chrysene	0.4	0.41	ug/L	103				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.41	ug/L	103				40	137	
	bis(2-Ethylhexyl)phthalate	0.4	0.51	ug/L	128				40	137	
	Benzo(b)fluoranthene	0.4	0.54	ug/L	135		*		65	121	
	Benzo(b)fluoranthene	0.4	0.47	ug/L	117				65	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165433BS	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				72	119	
	Benzo(k)fluoranthene	0.4	0.47	ug/L	117				72	119	
	Benzo(a)pyrene	0.4	0.47	ug/L	117				68	120	
	Benzo(a)pyrene	0.4	0.42	ug/L	105				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				70	127	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				70	127	
	Dibenz(a,h)anthracene	0.4	0.4	ug/L	100				65	121	
	Dibenz(a,h)anthracene	0.4	0.37	ug/L	93				65	121	
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				76	117	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				76	117	
	1,4-Dioxane	0.4	0.4	ug/L	100				42	127	
	1,4-Dioxane	0.4	0.38	ug/L	95				42	127	
PB165433BSD	n-Nitrosodimethylamine	0.4	0.51	ug/L	128	19			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.45	ug/L	113	14			55	118	20
	Naphthalene	0.4	0.44	ug/L	110	12			67	120	20
	Hexachlorobutadiene	0.4	0.44	ug/L	110	5			33	114	20
	2-Methylnaphthalene	0.4	0.44	ug/L	110	12			50	122	20
	Acenaphthylene	0.4	0.46	ug/L	115	14			60	119	20
	Acenaphthene	0.4	0.45	ug/L	113	12			65	119	20
	Total PAH	6.4	7.08	ug/L	111	11			65	119	20
	Fluorene	0.4	0.43	ug/L	108	10			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.2	ug/L	50	22		*	20	150	20
	4-Bromophenyl-phenylether	0.4	0.46	ug/L	115	22		*	20	150	20
	Hexachlorobenzene	0.4	0.47	ug/L	117	19			62	127	20
	Atrazine	0.4	0.48	ug/L	120	26		*	20	150	20
	Pentachlorophenol	0.8	0.68	ug/L	85	52		*	10	137	20
	Phenanthrene	0.4	0.44	ug/L	110	12			65	117	20
	Anthracene	0.4	0.45	ug/L	113	14			57	118	20
	Fluoranthene	0.4	0.4	ug/L	100	13			53	126	20
	Pyrene	0.4	0.46	ug/L	115	9			54	124	20
	Benzo(a)anthracene	0.4	0.44	ug/L	110	17			54	130	20
	Chrysene	0.4	0.46	ug/L	115	11			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.49	ug/L	123	18			40	137	20
	Benzo(b)fluoranthene	0.4	0.48	ug/L	120	2			65	121	20
	Benzo(k)fluoranthene	0.4	0.47	ug/L	117	4			72	119	20
	Benzo(a)pyrene	0.4	0.47	ug/L	117	11			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105	10			70	127	20
	Dibenz(a,h)anthracene	0.4	0.41	ug/L	103	10			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	8			76	117	20
	1,4-Dioxane	0.4	0.43	ug/L	108	12			42	127	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165497BS	n-Nitrosodimethylamine	0.4	0.48	ug/L	120				33	130	
	n-Nitrosodimethylamine	0.4	0.45	ug/L	113				33	130	
	bis(2-Chloroethyl)ether	0.4	0.38	ug/L	95				55	118	
	bis(2-Chloroethyl)ether	0.4	0.44	ug/L	110				55	118	
	Naphthalene	0.4	0.42	ug/L	105				67	120	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.41	ug/L	103				33	114	
	Hexachlorobutadiene	0.4	0.45	ug/L	113				33	114	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				50	122	
	2-Methylnaphthalene	0.4	0.43	ug/L	108				50	122	
	Acenaphthylene	0.4	0.44	ug/L	110				60	119	
	Acenaphthylene	0.4	0.4	ug/L	100				60	119	
	Acenaphthene	0.4	0.39	ug/L	98				65	119	
	Total PAH	6.4	6.35	ug/L	99				65	119	
	Acenaphthene	0.4	0.44	ug/L	110				65	119	
	Total PAH	6.4	6.87	ug/L	107				65	119	
	Fluorene	0.4	0.43	ug/L	108				58	122	
	Fluorene	0.4	0.39	ug/L	98				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.24	ug/L	60				20	150	
	4,6-Dinitro-2-methylphenol	0.4	0.3	ug/L	75				20	150	
	4-Bromophenyl-phenylether	0.4	0.42	ug/L	105				20	150	
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90				20	150	
	Hexachlorobenzene	0.4	0.42	ug/L	105				62	127	
	Hexachlorobenzene	0.4	0.38	ug/L	95				62	127	
	Atrazine	0.4	0.37	ug/L	93				20	150	
	Atrazine	0.4	0.42	ug/L	105				20	150	
	Pentachlorophenol	0.8	0.6	ug/L	75				10	137	
	Pentachlorophenol	0.8	0.31	ug/L	39				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Phenanthrene	0.4	0.42	ug/L	105				65	117	
	Anthracene	0.4	0.43	ug/L	108				57	118	
	Anthracene	0.4	0.38	ug/L	95				57	118	
	Fluoranthene	0.4	0.34	ug/L	85				53	126	
	Fluoranthene	0.4	0.39	ug/L	98				53	126	
	Pyrene	0.4	0.44	ug/L	110				54	124	
	Pyrene	0.4	0.42	ug/L	105				54	124	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				54	130	
	Benzo(a)anthracene	0.4	0.41	ug/L	103				54	130	
	Chrysene	0.4	0.43	ug/L	108				64	126	
	Chrysene	0.4	0.41	ug/L	103				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.4	ug/L	100				40	137	
	bis(2-Ethylhexyl)phthalate	0.4	0.41	ug/L	103				40	137	
	Benzo(b)fluoranthene	0.4	0.46	ug/L	115				65	121	
	Benzo(b)fluoranthene	0.4	0.51	ug/L	128		*		65	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB165497BS	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				72	119	
	Benzo(k)fluoranthene	0.4	0.48	ug/L	120		*		72	119	
	Benzo(a)pyrene	0.4	0.45	ug/L	113				68	120	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				70	127	
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105				70	127	
	Dibenz(a,h)anthracene	0.4	0.4	ug/L	100				65	121	
	Dibenz(a,h)anthracene	0.4	0.35	ug/L	88				65	121	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				76	117	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				76	117	
	1,4-Dioxane	0.4	0.41	ug/L	103				42	127	
	1,4-Dioxane	0.4	0.36	ug/L	90				42	127	
PB165497BSD	n-Nitrosodimethylamine	0.4	0.57	ug/L	143	24	*	*	33	130	20
	n-Nitrosodimethylamine	0.4	0.43	ug/L	108	5			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98	3			55	118	20
	bis(2-Chloroethyl)ether	0.4	0.49	ug/L	123	25	*	*	55	118	20
	Naphthalene	0.4	0.49	ug/L	123	23	*	*	67	120	20
	Naphthalene	0.4	0.39	ug/L	98	0			67	120	20
	Hexachlorobutadiene	0.4	0.41	ug/L	103	0			33	114	20
	Hexachlorobutadiene	0.4	0.52	ug/L	130	24	*	*	33	114	20
	2-Methylnaphthalene	0.4	0.5	ug/L	125	25	*	*	50	122	20
	2-Methylnaphthalene	0.4	0.39	ug/L	98	0			50	122	20
	Acenaphthylene	0.4	0.39	ug/L	98	3			60	119	20
	Acenaphthylene	0.4	0.52	ug/L	130	26	*	*	60	119	20
	Acenaphthene	0.4	0.52	ug/L	130	29	*	*	65	119	20
	Total PAH	6.4	8.2	ug/L	128	25	*	*	65	119	20
	Acenaphthene	0.4	0.39	ug/L	98	0			65	119	20
	Total PAH	6.4	6.32	ug/L	99	0			65	119	20
	Fluorene	0.4	0.39	ug/L	98	0			58	122	20
	Fluorene	0.4	0.5	ug/L	125	25	*	*	58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.35	ug/L	88	37		*	20	150	20
	4,6-Dinitro-2-methylphenol	0.4	0.23	ug/L	58	4			20	150	20
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93	3			20	150	20
	4-Bromophenyl-phenylether	0.4	0.49	ug/L	123	31		*	20	150	20
	Hexachlorobenzene	0.4	0.52	ug/L	130	31	*	*	62	127	20
	Hexachlorobenzene	0.4	0.39	ug/L	98	3			62	127	20
	Atrazine	0.4	0.37	ug/L	93	0			20	150	20
	Atrazine	0.4	0.51	ug/L	128	32		*	20	150	20
	Pentachlorophenol	0.8	0.63	ug/L	79	68		*	10	137	20
	Pentachlorophenol	0.8	0.33	ug/L	41	6			10	137	20
	Phenanthrene	0.4	0.39	ug/L	98	0			65	117	20
	Phenanthrene	0.4	0.51	ug/L	128	27	*	*	65	117	20
	Anthracene	0.4	0.51	ug/L	128	29	*	*	57	118	20
	Anthracene	0.4	0.39	ug/L	98	3			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165497BSD	Fluoranthene	0.4	0.33	ug/L	83	3			53	126	20
	Fluoranthene	0.4	0.46	ug/L	115	30		*	53	126	20
	Pyrene	0.4	0.53	ug/L	133	23	*	*	54	124	20
	Pyrene	0.4	0.42	ug/L	105	0			54	124	20
	Benzo(a)anthracene	0.4	0.38	ug/L	95	3			54	130	20
	Benzo(a)anthracene	0.4	0.49	ug/L	123	28		*	54	130	20
	Chrysene	0.4	0.51	ug/L	128	22	*	*	64	126	20
	Chrysene	0.4	0.4	ug/L	100	2			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.41	ug/L	103	2			40	137	20
	bis(2-Ethylhexyl)phthalate	0.4	0.5	ug/L	125	22		*	40	137	20
	Benzo(b)fluoranthene	0.4	0.57	ug/L	143	11	*		65	121	20
	Benzo(b)fluoranthene	0.4	0.46	ug/L	115	10			65	121	20
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113	2			72	119	20
	Benzo(k)fluoranthene	0.4	0.58	ug/L	145	27	*	*	72	119	20
	Benzo(a)pyrene	0.4	0.55	ug/L	138	29	*	*	68	120	20
	Benzo(a)pyrene	0.4	0.42	ug/L	105	2			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95	0			70	127	20
	Indeno(1,2,3-cd)pyrene	0.4	0.5	ug/L	125	27		*	70	127	20
	Dibenz(a,h)anthracene	0.4	0.47	ug/L	117	29		*	65	121	20
	Dibenz(a,h)anthracene	0.4	0.36	ug/L	90	3			65	121	20
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95	0			76	117	20
	Benzo(g,h,i)perylene	0.4	0.49	ug/L	123	25	*	*	76	117	20
	1,4-Dioxane	0.4	0.48	ug/L	120	29		*	42	127	20
	1,4-Dioxane	0.4	0.35	ug/L	88	3			42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165433BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

Lab File ID: BN035501.D Lab Sample ID: PB165433BL

Instrument ID: BNA_N Date Extracted: 12/06/2024

Matrix: (soil/water) Water Date Analyzed: 12/09/2024

Level: (low/med) LOW Time Analyzed: 11:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165433BS	PB165433BS	BN035522.D	12/10/2024
TOWER-1	P5142-02	BN035502.D	12/09/2024
TOWER-2	P5142-04	BN035503.D	12/09/2024
DSN002	P5143-02	BN035504.D	12/09/2024
DSN003	P5143-06	BN035505.D	12/09/2024
PB165433BS	PB165433BS	BN035506.D	12/09/2024
PB165433BSD	PB165433BSD	BN035507.D	12/09/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165497BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN120924 SAS No.: BN120924 SDG NO.: BN120924

Lab File ID: BN035511.D Lab Sample ID: PB165497BL

Instrument ID: BNA_N Date Extracted: 12/09/2024

Matrix: (soil/water) Water Date Analyzed: 12/09/2024

Level: (low/med) LOW Time Analyzed: 17:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RE108D2-20241206	P5164-01	BN035512.D	12/09/2024
RE108D1-20241206	P5164-02	BN035513.D	12/09/2024
RE105D2-20241206	P5164-04	BN035514.D	12/09/2024
RE105D1-20241206	P5164-03	BN035515.D	12/09/2024
FB-20241206	P5164-06	BN035516.D	12/09/2024
RW5-SP100-20241206	P5166-04	BN035517.D	12/09/2024
RW5-SP201-20241206	P5166-05	BN035518.D	12/09/2024
RW5-SP303-20241206	P5166-06	BN035519.D	12/09/2024
PB165497BS	PB165497BS	BN035520.D	12/09/2024
PB165497BSD	PB165497BSD	BN035521.D	12/09/2024
PB165497BS	PB165497BS	BN035528.D	12/10/2024
PB165497BSD	PB165497BSD	BN035529.D	12/10/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5142-02	TOWER-1	BN035502.D	2-Methylnaphthalene-d10	0.4	0.43	106		20	139
			Fluoranthene-d10	0.4	0.45	113		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.48	119		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.36	90		10	131
			Terphenyl-d14	0.4	0.55	137		35	157
P5142-04	TOWER-2	BN035503.D	2-Methylnaphthalene-d10	0.4	0.41	102		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.11	28		10	100
			Nitrobenzene-d5	0.4	0.45	111		27	123
			2-Fluorobiphenyl	0.4	0.38	95		34	132
			2,4,6-Tribromophenol	0.4	0.38	94		10	131
			Terphenyl-d14	0.4	0.57	143		35	157
P5143-02	DSN002	BN035504.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.13	33		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.40	99		27	123
			2-Fluorobiphenyl	0.4	0.37	92		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.54	135		35	157
P5143-06	DSN003	BN035505.D	2-Methylnaphthalene-d10	0.4	0.42	105		20	139
			Fluoranthene-d10	0.4	0.45	112		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.43	107		27	123
			2-Fluorobiphenyl	0.4	0.42	105		34	132
			2,4,6-Tribromophenol	0.4	0.32	79		10	131
			Terphenyl-d14	0.4	0.59	147		35	157
PB165433BL	PB165433BL	BN035501.D	2-Methylnaphthalene-d10	0.4	0.44	109		20	139
		BN035526.D	2-Methylnaphthalene-d10	0.4	0.44	109		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
		BN035501.D	Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.35	86		10	100
		BN035526.D	2-Fluorophenol	0.4	0.41	102	*	10	100
			Phenol-d6	0.4	0.35	88		10	100
		BN035501.D	Phenol-d6	0.4	0.31	79		10	100
			Nitrobenzene-d5	0.4	0.40	101		27	123
		BN035526.D	Nitrobenzene-d5	0.4	0.43	107		27	123
			2-Fluorobiphenyl	0.4	0.39	96		34	132
		BN035501.D	2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.13	31		10	131
		BN035526.D	2,4,6-Tribromophenol	0.4	0.13	33		10	131
			Terphenyl-d14	0.4	0.55	138		35	157
		BN035501.D	Terphenyl-d14	0.4	0.56	139		35	157
PB165433BS	PB165433BS	BN035506.D	2-Methylnaphthalene-d10	0.4	0.63	158	*	20	139

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Surrogate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165433BS	PB165433BS	BN035522.D	2-Methylnaphthalene-d10	0.4	0.53	133		20	139
			Fluoranthene-d10	0.4	0.38	96		30	150
		BN035506.D	Fluoranthene-d10	0.4	0.45	113		30	150
			2-Fluorophenol	0.4	0.46	114	*	10	100
		BN035522.D	2-Fluorophenol	0.4	0.33	83		10	100
			Phenol-d6	0.4	0.34	85		10	100
		BN035506.D	Phenol-d6	0.4	0.48	119	*	10	100
			Nitrobenzene-d5	0.4	0.50	125	*	27	123
		BN035522.D	Nitrobenzene-d5	0.4	0.43	107		27	123
			2-Fluorobiphenyl	0.4	0.41	103		34	132
		BN035506.D	2-Fluorobiphenyl	0.4	0.46	114		34	132
			2,4,6-Tribromophenol	0.4	0.27	68		10	131
		BN035522.D	2,4,6-Tribromophenol	0.4	0.23	57		10	131
			Terphenyl-d14	0.4	0.47	118		35	157
		BN035506.D	Terphenyl-d14	0.4	0.54	134		35	157
PB165433BSD	PB165433BSD	BN035507.D	2-Methylnaphthalene-d10	0.4	0.60	150	*	20	139
			Fluoranthene-d10	0.4	0.44	111		30	150
			2-Fluorophenol	0.4	0.43	108	*	10	100
			Phenol-d6	0.4	0.44	109	*	10	100
			Nitrobenzene-d5	0.4	0.49	123		27	123
			2-Fluorobiphenyl	0.4	0.46	114		34	132
			2,4,6-Tribromophenol	0.4	0.26	65		10	131
			Terphenyl-d14	0.4	0.53	133		35	157

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Surrogate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5164-01	RE108D2-2024120(	BN035512.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.46	114		30	150
			2-Fluorophenol	0.4	0.14	36		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.43	106		27	123
			2-Fluorobiphenyl	0.4	0.42	105		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.64	161	*	35	157
P5164-02	RE108D1-2024120(	BN035513.D	2-Methylnaphthalene-d10	0.4	0.39	98		20	139
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.08	21		10	100
			Nitrobenzene-d5	0.4	0.42	104		27	123
			2-Fluorobiphenyl	0.4	0.46	115		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.64	161	*	35	157
P5164-03	RE105D1-2024120(	BN035515.D	2-Methylnaphthalene-d10	0.4	0.37	91		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.38	95		27	123
			2-Fluorobiphenyl	0.4	0.39	97		34	132
			2,4,6-Tribromophenol	0.4	0.28	69		10	131
			Terphenyl-d14	0.4	0.71	178	*	35	157
P5164-04	RE105D2-2024120(	BN035514.D	2-Methylnaphthalene-d10	0.4	0.39	96		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.41	103		27	123
			2-Fluorobiphenyl	0.4	0.41	102		34	132
			2,4,6-Tribromophenol	0.4	0.26	64		10	131
			Terphenyl-d14	0.4	0.67	166	*	35	157
P5164-06	FB-20241206	BN035516.D	2-Methylnaphthalene-d10	0.4	0.41	101		20	139
			Fluoranthene-d10	0.4	0.45	111		30	150
			2-Fluorophenol	0.4	0.15	38		10	100
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.45	111		27	123
			2-Fluorobiphenyl	0.4	0.44	110		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.70	174	*	35	157
P5166-04	RW5-SP100-20241	BN035517.D	2-Methylnaphthalene-d10	0.4	0.35	87		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.37	94		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.22	56		10	131
			Terphenyl-d14	0.4	0.55	138		35	157
P5166-04DL	RW5-SP100-20241	BN035527.D	2-Methylnaphthalene-d10	0.4	0.35	86		20	139

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Surrogate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P5166-04DL	RW5-SP100-20241	BN035527.D	Fluoranthene-d10	0.4	0.39	96		30	150
			2-Fluorophenol	0.4	0.15	36		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.21	52		10	131
			Terphenyl-d14	0.4	0.57	142		35	157
P5166-05	RW5-SP201-20241	BN035518.D	2-Methylnaphthalene-d10	0.4	0.37	94		20	139
			Fluoranthene-d10	0.4	0.44	110		30	150
			2-Fluorophenol	0.4	0.13	31		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.39	98		27	123
			2-Fluorobiphenyl	0.4	0.36	91		34	132
			2,4,6-Tribromophenol	0.4	0.26	64		10	131
			Terphenyl-d14	0.4	0.66	165	*	35	157
P5166-06	RW5-SP303-20241	BN035519.D	2-Methylnaphthalene-d10	0.4	0.45	112		20	139
			Fluoranthene-d10	0.4	0.52	129		30	150
			2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.45	113		27	123
			2-Fluorobiphenyl	0.4	0.41	103		34	132
			2,4,6-Tribromophenol	0.4	0.29	73		10	131
			Terphenyl-d14	0.4	0.74	184	*	35	157
PB165497BL	PB165497BL	BN035511.D	2-Methylnaphthalene-d10	0.4	0.46	114		20	139
			Fluoranthene-d10	0.4	0.45	112		30	150
			2-Fluorophenol	0.4	0.47	117	*	10	100
			Phenol-d6	0.4	0.42	105	*	10	100
			Nitrobenzene-d5	0.4	0.45	113		27	123
			2-Fluorobiphenyl	0.4	0.43	106		34	132
			2,4,6-Tribromophenol	0.4	0.19	48		10	131
			Terphenyl-d14	0.4	0.56	141		35	157
PB165497BS	PB165497BS	BN035520.D	2-Methylnaphthalene-d10	0.4	0.60	151	*	20	139
		BN035528.D	2-Methylnaphthalene-d10	0.4	0.53	133		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
		BN035520.D	Fluoranthene-d10	0.4	0.45	112		30	150
			2-Fluorophenol	0.4	0.43	106	*	10	100
		BN035528.D	2-Fluorophenol	0.4	0.35	88		10	100
			Phenol-d6	0.4	0.35	88		10	100
		BN035520.D	Phenol-d6	0.4	0.43	108	*	10	100
			Nitrobenzene-d5	0.4	0.50	125	*	27	123
		BN035528.D	Nitrobenzene-d5	0.4	0.41	102		27	123
			2-Fluorobiphenyl	0.4	0.40	101		34	132
		BN035520.D	2-Fluorobiphenyl	0.4	0.46	114		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
		BN035528.D	2,4,6-Tribromophenol	0.4	0.22	56		10	131
			Terphenyl-d14	0.4	0.48	119		35	157
		BN035520.D	Terphenyl-d14	0.4	0.58	145		35	157
PB165497BSD	PB165497BSD	BN035521.D	2-Methylnaphthalene-d10	0.4	0.70	176	*	20	139
		BN035529.D	2-Methylnaphthalene-d10	0.4	0.53	133		20	139

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Surrogate Summary

SW-846

SDG No.: BN120924

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB165497BSD	PB165497BSD	BN035529.D	Fluoranthene-d10	0.4	0.37	91		30	150
		BN035521.D	Fluoranthene-d10	0.4	0.52	131		30	150
			2-Fluorophenol	0.4	0.45	112	*	10	100
		BN035529.D	2-Fluorophenol	0.4	0.35	88		10	100
			Phenol-d6	0.4	0.36	90		10	100
		BN035521.D	Phenol-d6	0.4	0.47	117	*	10	100
			Nitrobenzene-d5	0.4	0.59	147	*	27	123
		BN035529.D	Nitrobenzene-d5	0.4	0.43	107		27	123
			2-Fluorobiphenyl	0.4	0.40	99		34	132
		BN035521.D	2-Fluorobiphenyl	0.4	0.54	136	*	34	132
			2,4,6-Tribromophenol	0.4	0.31	77		10	131
		BN035529.D	2,4,6-Tribromophenol	0.4	0.22	56		10	131
			Terphenyl-d14	0.4	0.48	119		35	157
		BN035521.D	Terphenyl-d14	0.4	0.71	177	*	35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN120924

Lab Code: CHEM SAS No.: BN120924 SDG NO.: BN120924

Lab File ID: BN035499.D DFTPP Injection Date: 12/09/2024

Instrument ID: BNA_N DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40
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	6.8
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	14.5 (18.1) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN035500.D	12/09/2024	11:04
PB165433BL	PB165433BL	BN035501.D	12/09/2024	11:40
TOWER-1	P5142-02	BN035502.D	12/09/2024	12:16
TOWER-2	P5142-04	BN035503.D	12/09/2024	12:52
DSN002	P5143-02	BN035504.D	12/09/2024	13:28
DSN003	P5143-06	BN035505.D	12/09/2024	14:04
PB165433BS	PB165433BS	BN035506.D	12/09/2024	14:40
PB165433BSD	PB165433BSD	BN035507.D	12/09/2024	15:16
SSTDCCC0.4EC	SSTDCCC0.4	BN035508.D	12/09/2024	15:52

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN120924

Lab Code: CHEM SAS No.: BN120924 SDG NO.: BN120924

Lab File ID: BN035509.D DFTPP Injection Date: 12/09/2024

Instrument ID: BNA_N DFTPP Injection Time: 16:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.6
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	7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	9.8
442	Greater than 50% of mass 198	64.4
443	15.0 - 24.0% of mass 442	12.1 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN035510.D	12/09/2024	17:07
PB165497BL	PB165497BL	BN035511.D	12/09/2024	17:43
RE108D2-20241206	P5164-01	BN035512.D	12/09/2024	18:19
RE108D1-20241206	P5164-02	BN035513.D	12/09/2024	18:55
RE105D2-20241206	P5164-04	BN035514.D	12/09/2024	19:31
RE105D1-20241206	P5164-03	BN035515.D	12/09/2024	20:07
FB-20241206	P5164-06	BN035516.D	12/09/2024	20:43
RW5-SP100-20241206	P5166-04	BN035517.D	12/09/2024	21:19
RW5-SP201-20241206	P5166-05	BN035518.D	12/09/2024	21:55
RW5-SP303-20241206	P5166-06	BN035519.D	12/09/2024	22:31
PB165497BS	PB165497BS	BN035520.D	12/09/2024	23:07
PB165497BSD	PB165497BSD	BN035521.D	12/09/2024	23:43
PB165433BS	PB165433BS	BN035522.D	12/10/2024	00:19
SSTDCCC0.4EC	SSTDCCC0.4	BN035523.D	12/10/2024	00:55

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN120924

Lab Code: CHEM SAS No.: BN120924 SDG NO.: BN120924

Lab File ID: BN035524.D DFTPP Injection Date: 12/10/2024

Instrument ID: BNA_N DFTPP Injection Time: 08:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.6
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41.8
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	7.1
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	61.9
443	15.0 - 24.0% of mass 442	12.2 (19.7) 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	BN035525.D	12/10/2024	09:33
PB165433BL	PB165433BL	BN035526.D	12/10/2024	10:09
RW5-SP100-20241206DL	P5166-04DL	BN035527.D	12/10/2024	10:45
PB165497BS	PB165497BS	BN035528.D	12/10/2024	11:21
PB165497BSD	PB165497BSD	BN035529.D	12/10/2024	12:03
SSTDCCC0.4EC	SSTDCCC0.4	BN035530.D	12/10/2024	12:40