CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
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.: BN052824 SAS No.: BN052824 SDG No.: BN052824

Instrument ID: BNA_N Calibration Date/Time: 5/28/2024 12 11:04

Lab File ID: BN031669.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	0.645	0.607		-5.891	20.0
Fluoranthene-d10	1.110	0.892		-19.64	20.0
n-Nitrosodimethylamine	0.486	0.410		-15.638	20.0
2-Fluorophenol	1.136	0.945		-16.813	20.0
Phenol-d6	1.531	1.239		-19.073	20.0
bis(2-Chloroethyl)ether	1.333	1.122		-15.829	20.0
Nitrobenzene-d5	0.287	0.313		9.059	20.0
Naphthalene	1.112	0.948		-14.748	20.0
Hexachlorobutadiene	0.195	0.154		-21.026	20.0
2-Methylnaphthalene	0.758	0.597		-21.24	20.0
2-Fluorobiphenyl	1.542	1.640		6.355	20.0
Acenaphthylene	2.013	1.538		-23.597	20.0
Acenaphthene	1.255	1.029		-18.008	20.0
Fluorene	1.642	1.222		-25.579	20.0
4,6-Dinitro-2-methylphenol	0.033	0.028		-15.152	20.0
2,4,6-Tribromophenol	0.152	0.095		-37.5	20.0
4-Bromophenyl-phenylether	0.234	0.202		-13.675	20.0
Hexachlorobenzene	0.236	0.211		-10.593	20.0
Atrazine	0.213	0.137		-35.681	20.0
Pentachlorophenol	0.083	0.062		-25.301	20.0
Phenanthrene	1.119	0.950		-15.103	20.0
Anthracene	1.108	0.810		-26.895	20.0
Fluoranthene	1.360	0.933		-31.397	20.0
Pyrene	1.619	1.412		-12.786	20.0
Terphenyl-d14	0.979	0.917		-6.333	20.0
Benzo(a)anthracene	1.543	1.218		-21.063	20.0
Chrysene	1.469	1.206		-17.903	20.0
Bis(2-ethylhexyl)phthalate	0.903	0.513		-43.189	20.0
Benzo(b)fluoranthene	1.436	1.196		-16.713	20.0
Benzo(k)fluoranthene	1.359	1.183		-12.951	20.0
Benzo(a)pyrene	1.248	1.044		-16.346	20.0
Indeno(1,2,3-cd)pyrene	1.594	1.373		-13.864	20.0
Dibenzo(a,h)anthracene	1.264	1.075		-14.953	20.0
Benzo(g,h,i)perylene	1.359	1.173		-13.687	20.0
1,4-Dioxane	0.492	0.437		-11.179	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.: BN052824 SAS No.: BN052824 SDG No.: BN052824

Instrument ID: BNA_N Calibration Date/Time: 5/28/2024 12 18:57

Lab File ID: BN031682.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	0.645	0.584		-9.457	50.0
Fluoranthene-d10	1.110	0.876		-21.081	50.0
n-Nitrosodimethylamine	0.486	0.438		-9.877	50.0
2-Fluorophenol	1.136	0.900		-20.775	50.0
Phenol-d6	1.531	1.192		-22.142	50.0
bis(2-Chloroethyl)ether	1.333	1.134		-14.929	50.0
Nitrobenzene-d5	0.287	0.311		8.362	50.0
Naphthalene	1.112	0.948		-14.748	50.0
Hexachlorobutadiene	0.195	0.152		-22.051	50.0
2-Methylnaphthalene	0.758	0.580		-23.483	50.0
2-Fluorobiphenyl	1.542	1.694		9.857	50.0
Acenaphthylene	2.013	1.502		-25.385	50.0
Acenaphthene	1.255	1.030		-17.928	50.0
Fluorene	1.642	1.193		-27.345	50.0
4,6-Dinitro-2-methylphenol	0.033	0.025		-24.242	50.0
2,4,6-Tribromophenol	0.152	0.081		-46.711	50.0
4-Bromophenyl-phenylether	0.234	0.199		-14.957	50.0
Hexachlorobenzene	0.236	0.216		-8.475	50.0
Atrazine	0.213	0.128		-39.906	50.0
Pentachlorophenol	0.083	0.057		-31.325	50.0
Phenanthrene	1.119	0.952		-14.924	50.0
Anthracene	1.108	0.787		-28.971	50.0
Fluoranthene	1.360	0.928		-31.765	50.0
Pyrene	1.619	1.377		-14.947	50.0
Terphenyl-d14	0.979	0.884		-9.704	50.0
Benzo(a)anthracene	1.543	1.124		-27.155	50.0
Chrysene	1.469	1.206		-17.903	50.0
Bis(2-ethylhexyl)phthalate	0.903	0.429		-52.492	50.0
Benzo(b)fluoranthene	1.436	1.232		-14.206	50.0
Benzo(k)fluoranthene	1.359	1.254		-7.726	50.0
Benzo(a)pyrene	1.248	1.057		-15.304	50.0
Indeno(1,2,3-cd)pyrene	1.594	1.439		-9.724	50.0
Dibenzo(a,h)anthracene	1.264	1.119		-11.472	50.0
Benzo(g,h,i)perylene	1.359	1.193		-12.215	50.0
1,4-Dioxane	0.492	0.446		-9.35	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BL			SDG No.:	BN052824
Lab Sample ID:	PB161112BL			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
BN031670.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

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:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BL			SDG No.:	BN052824
Lab Sample ID:	PB161112BL			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
BN031670.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.314		30-150		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.278		30-150		69	SPK: -0.4
367-12-4	2-Fluorophenol	0.33		10-92		83	SPK: -0.4
13127-88-3	Phenol-d6	0.313		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.431		11-175		108	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.423		10-175		106	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.109		24-148		27	SPK: -0.4
1718-51-0	Terphenyl-d14	0.39		54-171		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	14599	7.69				
1146-65-2	Naphthalene-d8	45255	10.475				
15067-26-2	Acenaphthene-d10	22366	14.328				
1517-22-2	Phenanthrene-d10	41074	17.066				
1719-03-5	Chrysene-d12	27558	21.256				
1520-96-3	Perylene-d12	29302	23.49				

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BS			SDG No.:	BN052824
Lab Sample ID:	PB161112BS			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
BN031671.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.34		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.31		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.17		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.29		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.32		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.35		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.37		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.25		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.29		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.29		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.28		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.34		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.22		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		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:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BS			SDG No.:	BN052824
Lab Sample ID:	PB161112BS			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
BN031671.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.371		30-150		93	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.325		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.332		10-92		83	SPK: -0.4
13127-88-3	Phenol-d6	0.327		10-100		82	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.437		11-175		109	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.435		10-175		109	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.235		24-148		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.362		54-171		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	16089	7.689				
1146-65-2	Naphthalene-d8	52229	10.474				
15067-26-2	Acenaphthene-d10	25662	14.327				
1517-22-2	Phenanthrene-d10	43405	17.066				
1719-03-5	Chrysene-d12	30300	21.256				
1520-96-3	Perylene-d12	33394	23.493				

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BSD			SDG No.:	BN052824
Lab Sample ID:	PB161112BSD			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
BN031672.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.34		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.31		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.25		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.35		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.34		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.37		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.26		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.29		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.29		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.27		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.36		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.22		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		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:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	PB161112BSD			SDG No.:	BN052824
Lab Sample ID:	PB161112BSD			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
BN031672.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.377		30-150		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.32		30-150		80	SPK: -0.4
367-12-4	2-Fluorophenol	0.327		10-92		82	SPK: -0.4
13127-88-3	Phenol-d6	0.319		10-100		80	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.432		11-175		108	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.421		10-175		105	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.248		24-148		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.38		54-171		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15693	7.689				
1146-65-2	Naphthalene-d8	50887	10.474				
15067-26-2	Acenaphthene-d10	26417	14.328				
1517-22-2	Phenanthrene-d10	46860	17.066				
1719-03-5	Chrysene-d12	30502	21.256				
1520-96-3	Perylene-d12	32688	23.496				

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	MW-16B-67-052224			SDG No.:	BN052824
Lab Sample ID:	P2602-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031673.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	MW-16B-67-052224			SDG No.:	BN052824
Lab Sample ID:	P2602-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031673.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.133		30-150		33	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.153		30-150		38	SPK: -0.4
367-12-4	2-Fluorophenol	0.015	*	10-92		4	SPK: -0.4
13127-88-3	Phenol-d6	0.015	*	10-100		4	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.18		11-175		45	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.184		10-175		46	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.042	*	24-148		10	SPK: -0.4
1718-51-0	Terphenyl-d14	0.168	*	54-171		42	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15517	7.689				
1146-65-2	Naphthalene-d8	46960	10.474				
15067-26-2	Acenaphthene-d10	20480	14.328				
1517-22-2	Phenanthrene-d10	36271	17.066				
1719-03-5	Chrysene-d12	28956	21.256				
1520-96-3	Perylene-d12	31748	23.493				

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Report of Analysis

Client:				Date Collected:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	EB-01-052224			SDG No.:	BN052824
Lab Sample ID:	P2602-03			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
BN031674.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

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	0.21		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:	5/22/2024 12:00:00 AM
Project:				Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	EB-01-052224			SDG No.:	BN052824
Lab Sample ID:	P2602-03			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
BN031674.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.22		30-150		55	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.255		30-150		64	SPK: -0.4
367-12-4	2-Fluorophenol	0.057		10-92		14	SPK: -0.4
13127-88-3	Phenol-d6	0.049		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.275		11-175		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.276		10-175		69	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.104		24-148		26	SPK: -0.4
1718-51-0	Terphenyl-d14	0.285		54-171		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15393	7.689				
1146-65-2	Naphthalene-d8	46122	10.475				
15067-26-2	Acenaphthene-d10	22271	14.328				
1517-22-2	Phenanthrene-d10	43617	17.066				
1719-03-5	Chrysene-d12	35516	21.256				
1520-96-3	Perylene-d12	37586	23.493				

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Report of Analysis

Client:				Date Collected:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BS			SDG No.:	BN052824
Lab Sample ID:	PB160989BS			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
BN031675.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.35		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.3		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.23		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.29		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.26		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.33		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.24		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.27		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.29		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.3		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.33		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		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	0.35		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:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BS			SDG No.:	BN052824
Lab Sample ID:	PB160989BS			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
BN031675.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.352		30-150		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.345		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.327		10-92		82	SPK: -0.4
13127-88-3	Phenol-d6	0.313		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.44		11-175		110	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.444		10-175		111	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.226		24-148		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.346		54-171		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15885	7.689				
1146-65-2	Naphthalene-d8	48039	10.474				
15067-26-2	Acenaphthene-d10	21387	14.328				
1517-22-2	Phenanthrene-d10	36969	17.066				
1719-03-5	Chrysene-d12	28794	21.256				
1520-96-3	Perylene-d12	31265	23.493				

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Report of Analysis

Client:				Date Collected:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BSD			SDG No.:	BN052824
Lab Sample ID:	PB160989BSD			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
BN031676.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.35		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.34		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.24		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.29		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.28		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.33		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.35		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.24		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.27		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.28		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.29		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.33		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		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	0.35		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:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BSD			SDG No.:	BN052824
Lab Sample ID:	PB160989BSD			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
BN031676.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		30-150		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.336		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.325		10-92		81	SPK: -0.4
13127-88-3	Phenol-d6	0.313		10-100		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.445		11-175		111	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.453		10-175		113	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.223		24-148		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.343		54-171		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	16081	7.689				
1146-65-2	Naphthalene-d8	49012	10.474				
15067-26-2	Acenaphthene-d10	21336	14.328				
1517-22-2	Phenanthrene-d10	36770	17.066				
1719-03-5	Chrysene-d12	28006	21.256				
1520-96-3	Perylene-d12	30525	23.493				

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BP-BPOW6-10-GW-20240521			SDG No.:	BN052824
Lab Sample ID:	P2605-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031677.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BP-BPOW6-10-GW-20240521			SDG No.:	BN052824
Lab Sample ID:	P2605-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031677.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.227		30-150		57	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.264		30-150		66	SPK: -0.4
367-12-4	2-Fluorophenol	0.102		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.298		11-175		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.314		10-175		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.18		24-148		45	SPK: -0.4
1718-51-0	Terphenyl-d14	0.31		54-171		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15364	7.689				
1146-65-2	Naphthalene-d8	46925	10.474				
15067-26-2	Acenaphthene-d10	21060	14.327				
1517-22-2	Phenanthrene-d10	36010	17.066				
1719-03-5	Chrysene-d12	26705	21.256				
1520-96-3	Perylene-d12	29199	23.49				

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Report of Analysis

Client:				Date Collected:	5/24/2024 12:00:00 AM
Project:				Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BP-BPOW6-9-GW-20240523			SDG No.:	BN052824
Lab Sample ID:	P2605-03			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
BN031678.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BP-BPOW6-9-GW-20240523	SDG No.:	BN052824
Lab Sample ID:	P2605-03	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
BN031678.D	1	5/24/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB161112

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.214		30-150		53	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.286		30-150		72	SPK: -0.4
367-12-4	2-Fluorophenol	0.091		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.049		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.283		11-175		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.287		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.182		24-148		45	SPK: -0.4
1718-51-0	Terphenyl-d14	0.339		54-171		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13923	7.689				
1146-65-2	Naphthalene-d8	40732	10.474				
15067-26-2	Acenaphthene-d10	18681	14.328				
1517-22-2	Phenanthrene-d10	35871	17.066				
1719-03-5	Chrysene-d12	29626	21.256				
1520-96-3	Perylene-d12	30403	23.49				

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Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BP-TT-191D2-GW-20240514			SDG No.:	BN052824
Lab Sample ID:	P2529-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031679.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.81		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	5/14/2024 12:00:00 AM
Project:				Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BP-TT-191D2-GW-20240514			SDG No.:	BN052824
Lab Sample ID:	P2529-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031679.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.19		30-150		47	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.23		30-150		57	SPK: -0.4
367-12-4	2-Fluorophenol	0.016	*	10-92		4	SPK: -0.4
13127-88-3	Phenol-d6	0.039		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.249		11-175		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.288		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.039	*	24-148		10	SPK: -0.4
1718-51-0	Terphenyl-d14	0.287		54-171		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15248	7.689				
1146-65-2	Naphthalene-d8	46517	10.474				
15067-26-2	Acenaphthene-d10	20505	14.328				
1517-22-2	Phenanthrene-d10	34523	17.066				
1719-03-5	Chrysene-d12	26623	21.256				
1520-96-3	Perylene-d12	28009	23.49				

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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BP-TT-191D1-GW-20240516			SDG No.:	BN052824
Lab Sample ID:	P2529-03			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
BN031680.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.4		0.07	0.2	0.2	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	5/16/2024 12:00:00 AM
Project:				Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BP-TT-191D1-GW-20240516			SDG No.:	BN052824
Lab Sample ID:	P2529-03			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
BN031680.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.219		30-150		55	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.261		30-150		65	SPK: -0.4
367-12-4	2-Fluorophenol	0.1		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.3		11-175		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.345		10-175		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.171		24-148		43	SPK: -0.4
1718-51-0	Terphenyl-d14	0.306		54-171		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15044	7.689				
1146-65-2	Naphthalene-d8	45316	10.474				
15067-26-2	Acenaphthene-d10	19289	14.328				
1517-22-2	Phenanthrene-d10	33687	17.066				
1719-03-5	Chrysene-d12	26434	21.256				
1520-96-3	Perylene-d12	27666	23.49				

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Report of Analysis

Client:				Date Collected:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BL			SDG No.:	BN052824
Lab Sample ID:	PB160989BL			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
BN031681.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

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:	5/17/2024 12:00:00 AM
Project:				Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	PB160989BL			SDG No.:	BN052824
Lab Sample ID:	PB160989BL			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
BN031681.D	1	5/17/2024 12:00:00 AM	5/28/2024 12:00:00 AM	PB160989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.307		30-150		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.273		30-150		68	SPK: -0.4
367-12-4	2-Fluorophenol	0.318		10-92		79	SPK: -0.4
13127-88-3	Phenol-d6	0.302		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.422		11-175		105	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.433		10-175		108	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.098		24-148		24	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		54-171		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13164	7.689				
1146-65-2	Naphthalene-d8	40541	10.475				
15067-26-2	Acenaphthene-d10	19212	14.317				
1517-22-2	Phenanthrene-d10	34508	17.066				
1719-03-5	Chrysene-d12	22846	21.256				
1520-96-3	Perylene-d12	23410	23.49				

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Hit Summary Sheet
SW-846

SDG No.: BN052824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**BP-TT-191D2-GW-20240514**							
P2529-02	BP-TT-191D2-GW-2024(	Water	1,4-Dioxane	0.810		0.07	0.21	ug/L
			Total Svoc :			**0.81**		
			Total Concentration:			**0.81**		
Client ID :	**BP-TT-191D1-GW-20240516**							
P2529-03	BP-TT-191D1-GW-2024(	Water	1,4-Dioxane	1.400		0.07	0.2	ug/L
			Total Svoc :			**1.40**		
			Total Concentration:			**1.40**		
Client ID :	**EB-01-052224**							
P2602-03	EB-01-052224	Water	Bis(2-ethylhexyl)phthalate	0.210		0.14	0.2	ug/L
			Total Svoc :			**0.21**		
			Total Concentration:			**0.21**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN050924 SAS No.: BN050924 SDG No.: BN050924

Instrument ID: Calibration Date(s): 5/9/2024 1:

Calibration Time(s): 16:39

LAB FILE ID: RRF0.1 = BN031446.D RRF0.2 = BN031447.D RRF0.4 = BN031448.D
RRF0.8 = BN031449.D RRF1.6 = BN031450.D RRF3.2 = BN031451.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.632	0.658	0.628	0.637	0.676	0.648	0.645	2.7
Fluoranthene-d10	1.095	1.119	1.075	1.102	1.152	1.135	1.110	2.4
n-Nitrosodimethylamine	0.503	0.499	0.453	0.459	0.512	0.493	0.486	4.6
2-Fluorophenol	1.153	1.181	1.120	1.102	1.178	1.129	1.136	3.2
Phenol-d6	1.513	1.585	1.493	1.492	1.603	1.537	1.531	3.0
bis(2-Chloroethyl)ether	1.342	1.343	1.298	1.314	1.407	1.334	1.333	2.8
Nitrobenzene-d5	0.282	0.298	0.272	0.274	0.296	0.293	0.287	3.8
Naphthalene	1.116	1.130	1.074	1.086	1.159	1.118	1.112	2.6
Hexachlorobutadiene	0.200	0.199	0.190	0.190	0.201	0.194	0.195	2.8
2-Methylnaphthalene	0.763	0.781	0.738	0.748	0.790	0.757	0.758	2.9
2-Fluorobiphenyl	1.519	1.570	1.486	1.521	1.619	1.554	1.542	2.8
Acenaphthylene	1.976	2.053	1.936	1.956	2.104	2.048	2.013	3.0
Acenaphthene	1.204	1.264	1.202	1.231	1.325	1.280	1.255	3.6
Fluorene	1.582	1.680	1.570	1.617	1.737	1.671	1.642	3.6
4,6-Dinitro-2-methylphenol	0.026	0.029	0.028	0.030	0.035	0.039	0.033	18.8
2,4,6-Tribromophenol	0.151	0.150	0.142	0.144	0.160	0.157	0.152	4.8
4-Bromophenyl-phenylether	0.237	0.237	0.226	0.228	0.246	0.236	0.234	2.8
Hexachlorobenzene	0.236	0.237	0.227	0.228	0.246	0.243	0.236	3.0
Atrazine	0.214	0.217	0.203	0.207	0.223	0.217	0.213	3.4
Pentachlorophenol	0.065	0.069	0.075	0.080	0.094	0.099	0.083	18.0
Phenanthrene	1.118	1.126	1.091	1.093	1.167	1.139	1.119	2.4
Anthracene	1.112	1.126	1.060	1.075	1.156	1.130	1.108	3.0
Fluoranthene	1.404	1.383	1.325	1.335	1.412	1.366	1.360	3.2
Pyrene	1.636	1.594	1.566	1.612	1.694	1.629	1.619	2.5
Terphenyl-d14	1.059	0.972	0.935	0.976	1.009	0.963	0.979	4.4
Benzo(a)anthracene	1.555	1.499	1.492	1.511	1.629	1.572	1.543	3.1
Chrysene	1.481	1.437	1.421	1.446	1.536	1.500	1.469	2.7
Bis(2-ethylhexyl)phthalate	1.011	0.868	0.857	0.819	0.907	0.919	0.903	7.0
Benzo(b)fluoranthene	1.445	1.422	1.352	1.392	1.509	1.474	1.436	3.6
Benzo(k)fluoranthene	1.376	1.338	1.291	1.351	1.439	1.371	1.359	3.3
Benzo(a)pyrene	1.262	1.224	1.177	1.219	1.311	1.279	1.248	3.6
Indeno(1,2,3-cd)pyrene	1.607	1.567	1.535	1.565	1.662	1.623	1.594	2.7
Dibenzo(a,h)anthracene	1.273	1.252	1.228	1.249	1.316	1.277	1.264	2.3
Benzo(g,h,i)perylene	1.373	1.339	1.314	1.333	1.414	1.382	1.359	2.5
1,4-Dioxane	0.517	0.538	0.461	0.466	0.506	0.488	0.492	5.9

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.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BN031448.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	12095	7.718	39441	10.50	24276	14.35
	UPPER LIMIT	24190	8.218	78882	10.996	48552	14.849
	LOWER LIMIT	6047.5	7.218	19720.5	9.996	12138	13.849
	EPA SAMPLE NO.						
01	PB161112BL	14599	7.69	45255	10.48	22366	14.33
02	PB161112BS	16089	7.69	52229	10.47	25662	14.33
03	PB161112BSD	15693	7.69	50887	10.47	26417	14.33
04	MW-16B-67-052224	15517	7.69	46960	10.47	20480	14.33
05	EB-01-052224	15393	7.69	46122	10.48	22271	14.33
06	PB160989BS	15885	7.69	48039	10.47	21387	14.33
07	PB160989BSD	16081	7.69	49012	10.47	21336	14.33
08	BP-BPOW6-10-GW-20240521	15364	7.69	46925	10.47	21060	14.33
09	BP-BPOW6-9-GW-20240523	13923	7.69	40732	10.47	18681	14.33
10	BP-TT-191D2-GW-20240514	15248	7.69	46517	10.47	20505	14.33
11	BP-TT-191D1-GW-20240516	15044	7.69	45316	10.47	19289	14.33
12	PB160989BL	13164	7.69	40541	10.48	19212	14.32

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.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BN031669.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	15738	7.689	50978	10.47	26252	14.33
	UPPER LIMIT	31476	8.189	101956	10.974	52504	14.828
	LOWER LIMIT	7869	7.189	25489	9.974	13126	13.828
	EPA SAMPLE NO.						
01	PB161112BL	14599	7.69	45255	10.48	22366	14.33
02	PB161112BS	16089	7.69	52229	10.47	25662	14.33
03	PB161112BSD	15693	7.69	50887	10.47	26417	14.33
04	MW-16B-67-052224	15517	7.69	46960	10.47	20480	14.33
05	EB-01-052224	15393	7.69	46122	10.48	22271	14.33
06	PB160989BS	15885	7.69	48039	10.47	21387	14.33
07	PB160989BSD	16081	7.69	49012	10.47	21336	14.33
08	BP-BPOW6-10-GW-20240521	15364	7.69	46925	10.47	21060	14.33
09	BP-BPOW6-9-GW-20240523	13923	7.69	40732	10.47	18681	14.33
10	BP-TT-191D2-GW-20240514	15248	7.69	46517	10.47	20505	14.33
11	BP-TT-191D1-GW-20240516	15044	7.69	45316	10.47	19289	14.33
12	PB160989BL	13164	7.69	40541	10.48	19212	14.32

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.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

EPA Sample No.: SSTDICCC0.4 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BN031448.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	54382	17.091	48026	21.274	55976	23.519
	UPPER LIMIT	108764	17.591	96052	21.774	111952	24.019
	LOWER LIMIT	27191	16.591	24013	20.774	27988	23.019
	EPA SAMPLE NO.						
01	PB161112BL	41074	17.07	27558	21.26	29302	23.49
02	PB161112BS	43405	17.07	30300	21.26	33394	23.49
03	PB161112BSD	46860	17.07	30502	21.26	32688	23.50
04	MW-16B-67-052224	36271	17.07	28956	21.26	31748	23.49
05	EB-01-052224	43617	17.07	35516	21.26	37586	23.49
06	PB160989BS	36969	17.07	28794	21.26	31265	23.49
07	PB160989BSD	36770	17.07	28006	21.26	30525	23.49
08	BP-BPOW6-10-GW-20240521	36010	17.07	26705	21.26	29199	23.49
09	BP-BPOW6-9-GW-20240523	35871	17.07	29626	21.26	30403	23.49
10	BP-TT-191D2-GW-20240514	34523	17.07	26623	21.26	28009	23.49
11	BP-TT-191D1-GW-20240516	33687	17.07	26434	21.26	27666 *	23.49
12	PB160989BL	34508	17.07	22846 *	21.26	23410 *	23.49

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.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

EPA Sample No.: SSTDCCC0.4 Date Analyzed: May 28 2024 12:00AM

Lab File ID: BN031669.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	46534	17.066	31109	21.256	33870	23.496
	UPPER LIMIT	93068	17.566	62218	21.756	67740	23.996
	LOWER LIMIT	23267	16.566	15554.5	20.756	16935	22.996
	EPA SAMPLE NO.						
01	PB161112BL	41074	17.07	27558	21.26	29302	23.49
02	PB161112BS	43405	17.07	30300	21.26	33394	23.49
03	PB161112BSD	46860	17.07	30502	21.26	32688	23.50
04	MW-16B-67-052224	36271	17.07	28956	21.26	31748	23.49
05	EB-01-052224	43617	17.07	35516	21.26	37586	23.49
06	PB160989BS	36969	17.07	28794	21.26	31265	23.49
07	PB160989BSD	36770	17.07	28006	21.26	30525	23.49
08	BP-BPOW6-10-GW-20240521	36010	17.07	26705	21.26	29199	23.49
09	BP-BPOW6-9-GW-20240523	35871	17.07	29626	21.26	30403	23.49
10	BP-TT-191D2-GW-20240514	34523	17.07	26623	21.26	28009	23.49
11	BP-TT-191D1-GW-20240516	33687	17.07	26434	21.26	27666	23.49
12	PB160989BL	34508	17.07	22846	21.26	23410	23.49

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.: BN052824

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB160989BS	n-Nitrosodimethylamine	0.4	0.35	ug/L	88				33	130	
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85				55	118	
	Naphthalene	0.4	0.34	ug/L	85				67	120	
	Hexachlorobutadiene	0.4	0.32	ug/L	80				33	114	
	2-Methylnaphthalene	0.4	0.3	ug/L	75				50	122	
	Acenaphthylene	0.4	0.3	ug/L	75				60	119	
	Acenaphthene	0.4	0.32	ug/L	80				65	119	
	Total PAH	6.4	5.23	ug/L	82				65	119	
	Fluorene	0.4	0.29	ug/L	73				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.26	ug/L	65				20	150	
	4-Bromophenyl-phenylether	0.4	0.33	ug/L	83				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.24	ug/L	60				20	150	
	Pentachlorophenol	0.8	0.27	ug/L	34				10	137	
	Phenanthrene	0.4	0.35	ug/L	88				65	117	
	Anthracene	0.4	0.29	ug/L	73				57	118	
	Fluoranthene	0.4	0.3	ug/L	75				53	126	
	Pyrene	0.4	0.33	ug/L	83				54	124	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	
	Chrysene	0.4	0.33	ug/L	83				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.2	ug/L	50				40	137	
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				65	121	
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				72	119	
	Benzo(a)pyrene	0.4	0.34	ug/L	85				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				70	127	
	Dibenz(a,h)anthracene	0.4	0.35	ug/L	88				65	121	
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				76	117	
	1,4-Dioxane	0.4	0.36	ug/L	90				60	132	
PB160989BSD	n-Nitrosodimethylamine	0.4	0.35	ug/L	88	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85	0			55	118	20
	Naphthalene	0.4	0.34	ug/L	85	0			67	120	20
	Hexachlorobutadiene	0.4	0.32	ug/L	80	0			33	114	20
	2-Methylnaphthalene	0.4	0.3	ug/L	75	0			50	122	20
	Acenaphthylene	0.4	0.31	ug/L	78	3			60	119	20
	Acenaphthene	0.4	0.33	ug/L	83	3			65	119	20
	Total PAH	6.4	5.24	ug/L	82	0			65	119	20
	Fluorene	0.4	0.29	ug/L	73	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.28	ug/L	70	7			20	150	20
	4-Bromophenyl-phenylether	0.4	0.33	ug/L	83	0			20	150	20
	Hexachlorobenzene	0.4	0.35	ug/L	88	3			62	127	20
	Atrazine	0.4	0.24	ug/L	60	0			20	150	20
	Pentachlorophenol	0.8	0.27	ug/L	34	0			10	137	20
	Phenanthrene	0.4	0.34	ug/L	85	3			65	117	20
	Anthracene	0.4	0.28	ug/L	70	4			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052824

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB160989BSD	Fluoranthene	0.4	0.29	ug/L	73	3			53	126	20
	Pyrene	0.4	0.33	ug/L	83	0			54	124	20
	Benzo(a)anthracene	0.4	0.3	ug/L	75	0			54	130	20
	Chrysene	0.4	0.33	ug/L	83	0			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.2	ug/L	50	0			40	137	20
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85	0			65	121	20
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90	3			72	119	20
	Benzo(a)pyrene	0.4	0.34	ug/L	85	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90	3			70	127	20
	Dibenz(a,h)anthracene	0.4	0.35	ug/L	88	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88	0			76	117	20
	1,4-Dioxane	0.4	0.36	ug/L	90	0			60	132	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052824

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB161112BS	n-Nitrosodimethylamine	0.4	0.34	ug/L	85				33	130	
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85				55	118	
	Naphthalene	0.4	0.34	ug/L	85				67	120	
	Hexachlorobutadiene	0.4	0.31	ug/L	78				33	114	
	2-Methylnaphthalene	0.4	0.31	ug/L	78				50	122	
	Acenaphthylene	0.4	0.31	ug/L	78				60	119	
	Acenaphthene	0.4	0.33	ug/L	83				65	119	
	Total PAH	6.4	5.17	ug/L	81				65	119	
	Fluorene	0.4	0.29	ug/L	73				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.32	ug/L	80				20	150	
	4-Bromophenyl-phenylether	0.4	0.35	ug/L	88				20	150	
	Hexachlorobenzene	0.4	0.37	ug/L	93				62	127	
	Atrazine	0.4	0.25	ug/L	63				20	150	
	Pentachlorophenol	0.8	0.29	ug/L	36				10	137	
	Phenanthrene	0.4	0.34	ug/L	85				65	117	
	Anthracene	0.4	0.29	ug/L	73				57	118	
	Fluoranthene	0.4	0.28	ug/L	70				53	126	
	Pyrene	0.4	0.34	ug/L	85				54	124	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	
	Chrysene	0.4	0.33	ug/L	83				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.22	ug/L	55				40	137	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				65	121	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				72	119	
	Benzo(a)pyrene	0.4	0.33	ug/L	83				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				70	127	
	Dibenz(a,h)anthracene	0.4	0.34	ug/L	85				65	121	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				76	117	
	1,4-Dioxane	0.4	0.35	ug/L	88				60	132	
PB161112BSD	n-Nitrosodimethylamine	0.4	0.34	ug/L	85	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.34	ug/L	85	0			55	118	20
	Naphthalene	0.4	0.34	ug/L	85	0			67	120	20
	Hexachlorobutadiene	0.4	0.31	ug/L	78	0			33	114	20
	2-Methylnaphthalene	0.4	0.32	ug/L	80	3			50	122	20
	Acenaphthylene	0.4	0.31	ug/L	78	0			60	119	20
	Acenaphthene	0.4	0.33	ug/L	83	0			65	119	20
	Total PAH	6.4	5.25	ug/L	82	2			65	119	20
	Fluorene	0.4	0.3	ug/L	75	3			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.35	ug/L	88	9			20	150	20
	4-Bromophenyl-phenylether	0.4	0.34	ug/L	85	3			20	150	20
	Hexachlorobenzene	0.4	0.37	ug/L	93	0			62	127	20
	Atrazine	0.4	0.26	ug/L	65	4			20	150	20
	Pentachlorophenol	0.8	0.29	ug/L	36	0			10	137	20
	Phenanthrene	0.4	0.34	ug/L	85	0			65	117	20
	Anthracene	0.4	0.29	ug/L	73	0			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052824

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB161112BSD	Fluoranthene	0.4	0.27	ug/L	68	4			53	126	20
	Pyrene	0.4	0.36	ug/L	90	6			54	124	20
	Benzo(a)anthracene	0.4	0.31	ug/L	78	3			54	130	20
	Chrysene	0.4	0.33	ug/L	83	0			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.22	ug/L	55	0			40	137	20
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85	3			65	121	20
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88	3			72	119	20
	Benzo(a)pyrene	0.4	0.34	ug/L	85	3			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88	3			70	127	20
	Dibenz(a,h)anthracene	0.4	0.34	ug/L	85	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88	3			76	117	20
	1,4-Dioxane	0.4	0.36	ug/L	90	3			60	132	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160989BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

Lab File ID: BN031681.D Lab Sample ID: PB160989BL

Instrument ID: BNA_N Date Extracted: 05/17/2024

Matrix: (soil/water) Water Date Analyzed: 05/28/2024

Level: (low/med) LOW Time Analyzed: 18:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-TT-191D2-GW-20240514	P2529-02	BN031679.D	05/28/2024
BP-TT-191D1-GW-20240516	P2529-03	BN031680.D	05/28/2024
PB160989BS	PB160989BS	BN031675.D	05/28/2024
PB160989BSD	PB160989BSD	BN031676.D	05/28/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161112BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN052824 SAS No.: BN052824 SDG NO.: BN052824

Lab File ID: BN031670.D Lab Sample ID: PB161112BL

Instrument ID: BNA_N Date Extracted: 05/24/2024

Matrix: (soil/water) Water Date Analyzed: 05/28/2024

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
PB161112BS	PB161112BS	BN031671.D	05/28/2024
PB161112BSD	PB161112BSD	BN031672.D	05/28/2024
MW-16B-67-052224	P2602-01	BN031673.D	05/28/2024
EB-01-052224	P2602-03	BN031674.D	05/28/2024
BP-BPOW6-10-GW-20240521	P2605-02	BN031677.D	05/28/2024
BP-BPOW6-9-GW-20240523	P2605-03	BN031678.D	05/28/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BN052824

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2529-02	BP-TT-191D2-GW	BN031679.D	2-Methylnaphthalene-d10	0.4	0.19	47		30	150
			Fluoranthene-d10	0.4	0.23	57		30	150
			2-Fluorophenol	0.4	0.02	4	*	10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.25	62		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.04	10	*	24	148
			Terphenyl-d14	0.4	0.29	72		54	171
P2529-03	BP-TT-191D1-GW	BN031680.D	2-Methylnaphthalene-d10	0.4	0.22	55		30	150
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.30	75		11	175
			2-Fluorobiphenyl	0.4	0.35	86		10	175
			2,4,6-Tribromophenol	0.4	0.17	43		24	148
			Terphenyl-d14	0.4	0.31	76		54	171
PB160989BL	PB160989BL	BN031681.D	2-Methylnaphthalene-d10	0.4	0.31	77		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.32	79		10	92
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.42	105		11	175
			2-Fluorobiphenyl	0.4	0.43	108		10	175
			2,4,6-Tribromophenol	0.4	0.10	24		24	148
			Terphenyl-d14	0.4	0.39	97		54	171
PB160989BS	PB160989BS	BN031675.D	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.33	82		10	92
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.44	110		11	175
			2-Fluorobiphenyl	0.4	0.44	111		10	175
			2,4,6-Tribromophenol	0.4	0.23	56		24	148
			Terphenyl-d14	0.4	0.35	86		54	171
PB160989BSD	PB160989BSD	BN031676.D	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.33	81		10	92
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.45	111		11	175
			2-Fluorobiphenyl	0.4	0.45	113		10	175
			2,4,6-Tribromophenol	0.4	0.22	56		24	148
			Terphenyl-d14	0.4	0.34	86		54	171

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Surrogate Summary

SW-846

SDG No.: BN052824

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2602-01	MW-16B-67-05222	BN031673.D	2-Methylnaphthalene-d10	0.4	0.13	33		30	150
			Fluoranthene-d10	0.4	0.15	38		30	150
			2-Fluorophenol	0.4	0.02	4	*	10	92
			Phenol-d6	0.4	0.02	4	*	10	100
			Nitrobenzene-d5	0.4	0.18	45		11	175
			2-Fluorobiphenyl	0.4	0.18	46		10	175
			2,4,6-Tribromophenol	0.4	0.04	10	*	24	148
			Terphenyl-d14	0.4	0.17	42	*	54	171
P2602-03	EB-01-052224	BN031674.D	2-Methylnaphthalene-d10	0.4	0.22	55		30	150
			Fluoranthene-d10	0.4	0.26	64		30	150
			2-Fluorophenol	0.4	0.06	14		10	92
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.28	69		11	175
			2-Fluorobiphenyl	0.4	0.28	69		10	175
			2,4,6-Tribromophenol	0.4	0.10	26		24	148
			Terphenyl-d14	0.4	0.29	71		54	171
P2605-02	BP-BPOW6-10-GW	BN031677.D	2-Methylnaphthalene-d10	0.4	0.23	57		30	150
			Fluoranthene-d10	0.4	0.26	66		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.30	75		11	175
			2-Fluorobiphenyl	0.4	0.31	79		10	175
			2,4,6-Tribromophenol	0.4	0.18	45		24	148
			Terphenyl-d14	0.4	0.31	77		54	171
P2605-03	BP-BPOW6-9-GW-	BN031678.D	2-Methylnaphthalene-d10	0.4	0.21	53		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.28	71		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.18	45		24	148
			Terphenyl-d14	0.4	0.34	85		54	171
PB161112BL	PB161112BL	BN031670.D	2-Methylnaphthalene-d10	0.4	0.31	79		30	150
			Fluoranthene-d10	0.4	0.28	69		30	150
			2-Fluorophenol	0.4	0.33	83		10	92
			Phenol-d6	0.4	0.31	78		10	100
			Nitrobenzene-d5	0.4	0.43	108		11	175
			2-Fluorobiphenyl	0.4	0.42	106		10	175
			2,4,6-Tribromophenol	0.4	0.11	27		24	148
			Terphenyl-d14	0.4	0.39	97		54	171
PB161112BS	PB161112BS	BN031671.D	2-Methylnaphthalene-d10	0.4	0.37	93		30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.33	83		10	92
			Phenol-d6	0.4	0.33	82		10	100
			Nitrobenzene-d5	0.4	0.44	109		11	175
			2-Fluorobiphenyl	0.4	0.44	109		10	175
			2,4,6-Tribromophenol	0.4	0.24	59		24	148
			Terphenyl-d14	0.4	0.36	90		54	171
PB161112BSD	PB161112BSD	BN031672.D	2-Methylnaphthalene-d10	0.4	0.38	94		30	150

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

Surrogate Summary

SW-846

SDG No.: BN052824

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB161112BSD	PB161112BSD	BN031672.D	Fluoranthene-d10	0.4	0.32	80		30	150
			2-Fluorophenol	0.4	0.33	82		10	92
			Phenol-d6	0.4	0.32	80		10	100
			Nitrobenzene-d5	0.4	0.43	108		11	175
			2-Fluorobiphenyl	0.4	0.42	105		10	175
			2,4,6-Tribromophenol	0.4	0.25	62		24	148
			Terphenyl-d14	0.4	0.38	95		54	171

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN052824

Lab Code: CHEM SAS No.: BN052824 SDG NO.: BN052824

Lab File ID: BN031668.D DFTPP Injection Date: 05/28/2024

Instrument ID: BNA_N DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	38.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.2
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	57.3
443	15.0 - 24.0% of mass 442	10.8 (18.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN031669.D	05/28/2024	11:04
PB161112BL	PB161112BL	BN031670.D	05/28/2024	11:40
PB161112BS	PB161112BS	BN031671.D	05/28/2024	12:16
PB161112BSD	PB161112BSD	BN031672.D	05/28/2024	12:53
MW-16B-67-052224	P2602-01	BN031673.D	05/28/2024	13:29
EB-01-052224	P2602-03	BN031674.D	05/28/2024	14:05
PB160989BS	PB160989BS	BN031675.D	05/28/2024	14:42
PB160989BSD	PB160989BSD	BN031676.D	05/28/2024	15:18
BP-BPOW6-10-GW-20240521	P2605-02	BN031677.D	05/28/2024	15:54
BP-BPOW6-9-GW-20240523	P2605-03	BN031678.D	05/28/2024	16:31
BP-TT-191D2-GW-20240514	P2529-02	BN031679.D	05/28/2024	17:07
BP-TT-191D1-GW-20240516	P2529-03	BN031680.D	05/28/2024	17:44
PB160989BL	PB160989BL	BN031681.D	05/28/2024	18:20
SSTDCCC0.4EC	SSTDCCC0.4	BN031682.D	05/28/2024	18:57