284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA_N Calibration Date/Time: 8/20/2024 12 15:51

Lab File ID: BN033507.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	0.572	0.507		-11.364	20.0
Fluoranthene-d10	0.961	0.788		-18.002	20.0
n-Nitrosodimethylamine	0.535	0.474		-11.402	20.0
2-Fluorophenol	1.271	1.002		-21.164	20.0
Phenol-d6	1.512	1.276		-15.608	20.0
bis(2-Chloroethyl)ether	1.072	1.007		-6.063	20.0
Nitrobenzene-d5	0.332	0.279		-15.964	20.0
Naphthalene	1.069	0.968		-9.448	20.0
Hexachlorobutadiene	0.213	0.196		-7.981	20.0
2-Methylnaphthalene	0.677	0.607		-10.34	20.0
2-Fluorobiphenyl	1.634	1.523		-6.793	20.0
Acenaphthylene	1.754	1.480		-15.621	20.0
Acenaphthene	1.234	1.092		-11.507	20.0
Fluorene	1.555	1.355		-12.862	20.0
4,6-Dinitro-2-methylphenol	0.062	0.042		-32.258	20.0
2,4,6-Tribromophenol	0.215	0.149		-30.698	20.0
4-Bromophenyl-phenylether	0.243	0.220		-9.465	20.0
Hexachlorobenzene	0.268	0.252		-5.97	20.0
Atrazine	0.194	0.155		-20.103	20.0
Pentachlorophenol	0.116	0.080		-31.034	20.0
Phenanthrene	1.113	1.029		-7.547	20.0
Anthracene	0.985	0.833		-15.431	20.0
Fluoranthene	1.230	1.036		-15.772	20.0
Pyrene	1.785	1.689		-5.378	20.0
Terphenyl-d14	0.909	0.822		-9.571	20.0
Benzo(a)anthracene	1.446	1.307		-9.613	20.0
Chrysene	1.437	1.359		-5.428	20.0
Bis(2-ethylhexyl)phthalate	0.915	0.681		-25.574	20.0
Benzo(b)fluoranthene	1.494	1.410		-5.622	20.0
Benzo(k)fluoranthene	1.470	1.388		-5.578	20.0
Benzo(a)pyrene	1.236	1.066		-13.754	20.0
Indeno(1,2,3-cd)pyrene	1.661	1.583		-4.696	20.0
Dibenzo(a,h)anthracene	1.328	1.262		-4.97	20.0
Benzo(g,h,i)perylene	1.420	1.318		-7.183	20.0
1,4-Dioxane	0.460	0.411		-10.652	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA_N Calibration Date/Time: 8/21/2024 12 02:07

Lab File ID: BN033524.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	0.572	0.511		-10.664	50.0
Fluoranthene-d10	0.961	0.801		-16.649	50.0
n-Nitrosodimethylamine	0.535	0.498		-6.916	50.0
2-Fluorophenol	1.271	0.942		-25.885	50.0
Phenol-d6	1.512	1.208		-20.106	50.0
bis(2-Chloroethyl)ether	1.072	1.030		-3.918	50.0
Nitrobenzene-d5	0.332	0.289		-12.952	50.0
Naphthalene	1.069	1.004		-6.08	50.0
Hexachlorobutadiene	0.213	0.201		-5.634	50.0
2-Methylnaphthalene	0.677	0.633		-6.499	50.0
2-Fluorobiphenyl	1.634	1.542		-5.63	50.0
Acenaphthylene	1.754	1.541		-12.144	50.0
Acenaphthene	1.234	1.133		-8.185	50.0
Fluorene	1.555	1.416		-8.939	50.0
4,6-Dinitro-2-methylphenol	0.062	0.041		-33.871	50.0
2,4,6-Tribromophenol	0.215	0.148		-31.163	50.0
4-Bromophenyl-phenylether	0.243	0.227		-6.584	50.0
Hexachlorobenzene	0.268	0.260		-2.985	50.0
Atrazine	0.194	0.160		-17.526	50.0
Pentachlorophenol	0.116	0.078		-32.759	50.0
Phenanthrene	1.113	1.082		-2.785	50.0
Anthracene	0.985	0.896		-9.036	50.0
Fluoranthene	1.230	1.085		-11.789	50.0
Pyrene	1.785	1.806		1.176	50.0
Terphenyl-d14	0.909	0.818		-10.011	50.0
Benzo(a)anthracene	1.446	1.312		-9.267	50.0
Chrysene	1.437	1.388		-3.41	50.0
Bis(2-ethylhexyl)phthalate	0.915	0.829		-9.399	50.0
Benzo(b)fluoranthene	1.494	1.409		-5.689	50.0
Benzo(k)fluoranthene	1.470	1.411		-4.014	50.0
Benzo(a)pyrene	1.236	1.130		-8.576	50.0
Indeno(1,2,3-cd)pyrene	1.661	1.630		-1.866	50.0
Dibenzo(a,h)anthracene	1.328	1.299		-2.184	50.0
Benzo(g,h,i)perylene	1.420	1.359		-4.296	50.0
1,4-Dioxane	0.460	0.383		-16.739	50.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG No.: BN082024

Instrument ID: BNA_N Calibration Date/Time: 8/21/2024 12 04:38

Lab File ID: BN033526.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	0.572	0.512		-10.49	20.0
Fluoranthene-d10	0.961	0.807		-16.025	20.0
n-Nitrosodimethylamine	0.535	0.483		-9.72	20.0
2-Fluorophenol	1.271	1.026		-19.276	20.0
Phenol-d6	1.512	1.293		-14.484	20.0
bis(2-Chloroethyl)ether	1.072	1.005		-6.25	20.0
Nitrobenzene-d5	0.332	0.282		-15.06	20.0
Naphthalene	1.069	0.977		-8.606	20.0
Hexachlorobutadiene	0.213	0.198		-7.042	20.0
2-Methylnaphthalene	0.677	0.609		-10.044	20.0
2-Fluorobiphenyl	1.634	1.537		-5.936	20.0
Acenaphthylene	1.754	1.496		-14.709	20.0
Acenaphthene	1.234	1.104		-10.535	20.0
Fluorene	1.555	1.349		-13.248	20.0
4,6-Dinitro-2-methylphenol	0.062	0.039		-37.097	20.0
2,4,6-Tribromophenol	0.215	0.151		-29.767	20.0
4-Bromophenyl-phenylether	0.243	0.218		-10.288	20.0
Hexachlorobenzene	0.268	0.251		-6.343	20.0
Atrazine	0.194	0.159		-18.041	20.0
Pentachlorophenol	0.116	0.080		-31.034	20.0
Phenanthrene	1.113	1.027		-7.727	20.0
Anthracene	0.985	0.845		-14.213	20.0
Fluoranthene	1.230	1.060		-13.821	20.0
Pyrene	1.785	1.610		-9.804	20.0
Terphenyl-d14	0.909	0.777		-14.521	20.0
Benzo(a)anthracene	1.446	1.319		-8.783	20.0
Chrysene	1.437	1.363		-5.15	20.0
Bis(2-ethylhexyl)phthalate	0.915	1.007		10.055	20.0
Benzo(b)fluoranthene	1.494	1.284		-14.056	20.0
Benzo(k)fluoranthene	1.470	1.330		-9.524	20.0
Benzo(a)pyrene	1.236	1.048		-15.21	20.0
Indeno(1,2,3-cd)pyrene	1.661	1.566		-5.719	20.0
Dibenzo(a,h)anthracene	1.328	1.238		-6.777	20.0
Benzo(g,h,i)perylene	1.420	1.276		-10.141	20.0
1,4-Dioxane	0.460	0.387		-15.87	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162787BL			SDG No.:	BN082024
Lab Sample ID:	PB162787BL			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
BN033508.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	PB162787BL			SDG No.:	BN082024
Lab Sample ID:	PB162787BL			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
BN033508.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.304		20-139		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.295		30-150		74	SPK: -0.4
367-12-4	2-Fluorophenol	0.257		10-100		64	SPK: -0.4
13127-88-3	Phenol-d6	0.253		10-100		63	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.307		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.34		34-132		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.184		10-131		46	SPK: -0.4
1718-51-0	Terphenyl-d14	0.339		35-157		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8441	7.552				
1146-65-2	Naphthalene-d8	21567	10.314				
15067-26-2	Acenaphthene-d10	9670	14.188				
1517-22-2	Phenanthrene-d10	18285	16.942				
1719-03-5	Chrysene-d12	11101	21.148				
1520-96-3	Perylene-d12	11428	23.317				

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BL			SDG No.:	BN082024
Lab Sample ID:	PB162851BL			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
BN033509.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

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:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BL			SDG No.:	BN082024
Lab Sample ID:	PB162851BL			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
BN033509.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.346		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.34		30-150		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.293		10-100		73	SPK: -0.4
13127-88-3	Phenol-d6	0.288		10-100		72	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.351		27-123		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.398		34-132		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.21		10-131		52	SPK: -0.4
1718-51-0	Terphenyl-d14	0.383		35-157		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6669	7.552				
1146-65-2	Naphthalene-d8	16888	10.314				
15067-26-2	Acenaphthene-d10	7342	14.189				
1517-22-2	Phenanthrene-d10	13979	16.942				
1719-03-5	Chrysene-d12	8601	21.148				
1520-96-3	Perylene-d12	8871	23.314				

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	TT189D2-HYD-20240813			SDG No.:	BN082024
Lab Sample ID:	P3623-02			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
BN033510.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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	0.61		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/13/2024 12:00:00 AM
Project:				Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	TT189D2-HYD-20240813			SDG No.:	BN082024
Lab Sample ID:	P3623-02			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
BN033510.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.01	*	20-139		2	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.15		30-150		38	SPK: -0.4
367-12-4	2-Fluorophenol	0.01	*	10-100		2	SPK: -0.4
13127-88-3	Phenol-d6	0.001	*	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.257		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.272		34-132		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.126		10-131		31	SPK: -0.4
1718-51-0	Terphenyl-d14	0.408		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7969	7.552				
1146-65-2	Naphthalene-d8	20639	10.314				
15067-26-2	Acenaphthene-d10	9824	14.189				
1517-22-2	Phenanthrene-d10	19545	16.942				
1719-03-5	Chrysene-d12	11531	21.139				
1520-96-3	Perylene-d12	10260	23.315				

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	BPOW6-7-HYD-20240814			SDG No.:	BN082024
Lab Sample ID:	P3623-03			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
BN033511.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	BPOW6-7-HYD-20240814			SDG No.:	BN082024
Lab Sample ID:	P3623-03			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
BN033511.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.019	*	20-139		5	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.205		30-150		51	SPK: -0.4
367-12-4	2-Fluorophenol	0.008	*	10-100		2	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.304		27-123		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.323		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.24		10-131		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.482		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7274	7.552				
1146-65-2	Naphthalene-d8	18924	10.314				
15067-26-2	Acenaphthene-d10	9264	14.189				
1517-22-2	Phenanthrene-d10	18895	16.942				
1719-03-5	Chrysene-d12	10814	21.148				
1520-96-3	Perylene-d12	7999	23.315				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	914-J-WS-081524			SDG No.:	BN082024
Lab Sample ID:	P3645-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033512.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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	0.05	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	0.19		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.9	J	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.18		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	J	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.06	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.06	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	0.06	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	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	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	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:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	914-J-WS-081524			SDG No.:	BN082024
Lab Sample ID:	P3645-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033512.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.257		20-139		64	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.282		30-150		70	SPK: -0.4
367-12-4	2-Fluorophenol	0.124		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.088		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.245		27-123		61	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.276		34-132		69	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.213		10-131		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.32		35-157		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7581	7.552				
1146-65-2	Naphthalene-d8	20168	10.314				
15067-26-2	Acenaphthene-d10	10160	14.189				
1517-22-2	Phenanthrene-d10	20244	16.929				
1719-03-5	Chrysene-d12	12892	21.148				
1520-96-3	Perylene-d12	12153	23.315				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	916-J-WS-081524			SDG No.:	BN082024
Lab Sample ID:	P3645-02			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
BN033513.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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	0.09	J	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	0.13		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	0.06	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	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	0.03	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:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	916-J-WS-081524			SDG No.:	BN082024
Lab Sample ID:	P3645-02			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
BN033513.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.27		20-139		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.33		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.136		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.089		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.27		27-123		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.306		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.228		10-131		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.293		35-157		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7720	7.552				
1146-65-2	Naphthalene-d8	19614	10.314				
15067-26-2	Acenaphthene-d10	9099	14.188				
1517-22-2	Phenanthrene-d10	17960	16.929				
1719-03-5	Chrysene-d12	14746	21.139				
1520-96-3	Perylene-d12	14922	23.311				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	916-J-WPO-0.25-081524			SDG No.:	BN082024
Lab Sample ID:	P3646-02			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
BN033514.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

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	0.03	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	0.11		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	0.09	J	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	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	0.05	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	0.21	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:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	916-J-WPO-0.25-081524			SDG No.:	BN082024
Lab Sample ID:	P3646-02			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
BN033514.D	1	8/16/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162787

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.259		20-139		65	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.296		30-150		74	SPK: -0.4
367-12-4	2-Fluorophenol	0.124		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.086		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.248		27-123		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.301		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.242		10-131		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.339		35-157		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8482	7.552				
1146-65-2	Naphthalene-d8	22740	10.314				
15067-26-2	Acenaphthene-d10	11052	14.189				
1517-22-2	Phenanthrene-d10	22302	16.929				
1719-03-5	Chrysene-d12	14089	21.148				
1520-96-3	Perylene-d12	13411	23.315				

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BS			SDG No.:	BN082024
Lab Sample ID:	PB162851BS			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
BN033515.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.36		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.4		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	0.38		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.09		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.37		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.3		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.39		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.32		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.3		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	0.37		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.38		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	0.39		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.33		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		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:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BS			SDG No.:	BN082024
Lab Sample ID:	PB162851BS			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
BN033515.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.355		20-139		89	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.336		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.291		10-100		73	SPK: -0.4
13127-88-3	Phenol-d6	0.306		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.357		27-123		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.39		34-132		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.261		10-131		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.322		35-157		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9731	7.552				
1146-65-2	Naphthalene-d8	25646	10.314				
15067-26-2	Acenaphthene-d10	12583	14.189				
1517-22-2	Phenanthrene-d10	24090	16.942				
1719-03-5	Chrysene-d12	15815	21.148				
1520-96-3	Perylene-d12	16027	23.315				

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BSD			SDG No.:	BN082024
Lab Sample ID:	PB162851BSD			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
BN033516.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.37		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.4		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.38		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.38		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.15		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.37		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.38		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.32		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	0.39		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.37		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		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	0.36		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		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	0.36		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162851BSD			SDG No.:	BN082024
Lab Sample ID:	PB162851BSD			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
BN033516.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.353		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.331		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.287		10-100		72	SPK: -0.4
13127-88-3	Phenol-d6	0.301		10-100		75	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.352		27-123		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.384		34-132		96	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.267		10-131		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.348		35-157		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9034	7.552				
1146-65-2	Naphthalene-d8	24228	10.314				
15067-26-2	Acenaphthene-d10	12251	14.189				
1517-22-2	Phenanthrene-d10	24610	16.929				
1719-03-5	Chrysene-d12	14783	21.139				
1520-96-3	Perylene-d12	14180	23.314				

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	917-J-WPO-0.25-081624			SDG No.:	BN082024
Lab Sample ID:	P3662-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033517.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

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	0.03	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	0.03	J	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	0.13		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	0.11		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	0.09	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.04	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	0.14	J	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	917-J-WPO-0.25-081624			SDG No.:	BN082024
Lab Sample ID:	P3662-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033517.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.286		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.422		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.112		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.074		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.287		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.349		34-132		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.295		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.381		35-157		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7308	7.552				
1146-65-2	Naphthalene-d8	18500	10.314				
15067-26-2	Acenaphthene-d10	8366	14.189				
1517-22-2	Phenanthrene-d10	17245	16.929				
1719-03-5	Chrysene-d12	14616	21.139				
1520-96-3	Perylene-d12	15164	23.312				

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-100-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-01			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
BN033518.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

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	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	4.7		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-100-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-01			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
BN033518.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.334		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.4		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.112		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.066		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.35		27-123		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.377		34-132		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.246		10-131		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.594		35-157		148	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7290	7.552				
1146-65-2	Naphthalene-d8	19000	10.314				
15067-26-2	Acenaphthene-d10	8809	14.189				
1517-22-2	Phenanthrene-d10	16987	16.929				
1719-03-5	Chrysene-d12	11144	21.139				
1520-96-3	Perylene-d12	11324	23.312				

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-201-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-02			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
BN033519.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

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:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-201-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-02			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
BN033519.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.298		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.361		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.104		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.062		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.325		27-123		81	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.339		34-132		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.219		10-131		55	SPK: -0.4
1718-51-0	Terphenyl-d14	0.469		35-157		117	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6956	7.552				
1146-65-2	Naphthalene-d8	17989	10.314				
15067-26-2	Acenaphthene-d10	8326	14.189				
1517-22-2	Phenanthrene-d10	15938	16.929				
1719-03-5	Chrysene-d12	10259	21.139				
1520-96-3	Perylene-d12	10334	23.312				

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	950	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
BN033520.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

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	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	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	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	SP-303-70740816			SDG No.:	BN082024
Lab Sample ID:	P3666-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	950	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
BN033520.D	1	8/20/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162851

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.268		20-139		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.348		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.096		10-100		24	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.286		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.303		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.209		10-131		52	SPK: -0.4
1718-51-0	Terphenyl-d14	0.471		35-157		118	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7349	7.552				
1146-65-2	Naphthalene-d8	18908	10.314				
15067-26-2	Acenaphthene-d10	8775	14.189				
1517-22-2	Phenanthrene-d10	16959	16.929				
1719-03-5	Chrysene-d12	11478	21.139				
1520-96-3	Perylene-d12	11439	23.311				

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Report of Analysis

Client:		Date Collected:	8/14/2024 12:00:00 AM
Project:		Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240814DL	SDG No.:	BN082024
Lab Sample ID:	P3650-01DL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033521.D	2	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162821

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.06	U	0.06	0.4	0.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.06	U	0.06	0.2	0.2	ug/L
91-20-3	Naphthalene	0.05	U	0.05	0.2	0.2	ug/L
87-68-3	Hexachlorobutadiene	0.05	U	0.05	0.2	0.2	ug/L
91-57-6	2-Methylnaphthalene	0.06	U	0.06	0.2	0.2	ug/L
208-96-8	Acenaphthylene	0.04	U	0.04	0.2	0.2	ug/L
83-32-9	Acenaphthene	0.04	U	0.04	0.2	0.2	ug/L
Total PAH	Total PAH	0.91	U	0.91	0.2	3.2	ug/L
86-73-7	Fluorene	0.04	U	0.04	0.2	0.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.4	0.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.05	U	0.05	0.2	0.2	ug/L
118-74-1	Hexachlorobenzene	0.06	U	0.06	0.2	0.2	ug/L
1912-24-9	Atrazine	0.05	U	0.05	0.2	0.2	ug/L
87-86-5	Pentachlorophenol	0.18	U	0.18	0.4	0.4	ug/L
85-01-8	Phenanthrene	0.04	U	0.04	0.2	0.2	ug/L
120-12-7	Anthracene	0.05	U	0.05	0.2	0.2	ug/L
206-44-0	Fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
129-00-0	Pyrene	0.04	U	0.04	0.2	0.2	ug/L
56-55-3	Benzo(a)anthracene	0.04	U	0.04	0.2	0.2	ug/L
218-01-9	Chrysene	0.05	U	0.05	0.2	0.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.28	U	0.28	0.4	0.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	U	0.06	0.2	0.2	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	U	0.07	0.2	0.2	ug/L
50-32-8	Benzo(a)pyrene	0.11	U	0.11	0.2	0.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.08	U	0.08	0.2	0.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	U	0.08	0.2	0.2	ug/L
191-24-2	Benzo(g,h,i)perylene	0.07	U	0.07	0.2	0.2	ug/L
123-91-1	1,4-Dioxane	5.5	D	0.14	0.4	0.4	ug/L

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Report of Analysis

Client:				Date Collected:	8/14/2024 12:00:00 AM
Project:				Date Received:	8/14/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20240814DL			SDG No.:	BN082024
Lab Sample ID:	P3650-01DL			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033521.D	2	8/19/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162821

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.32		20-139		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.352		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.108		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.064		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.328		27-123		82	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.346		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.222		10-131		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.462		35-157		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7175	7.552				
1146-65-2	Naphthalene-d8	18576	10.314				
15067-26-2	Acenaphthene-d10	8901	14.189				
1517-22-2	Phenanthrene-d10	17652	16.929				
1719-03-5	Chrysene-d12	10497	21.139				
1520-96-3	Perylene-d12	10472	23.309				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0-0.5-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-09	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	28.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033522.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.8	U	1.8	9.3	9.3	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.6	4.6	ug/Kg
91-20-3	Naphthalene	0.97	U	0.97	4.6	4.6	ug/Kg
87-68-3	Hexachlorobutadiene	0.97	U	0.97	4.6	4.6	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.6	4.6	ug/Kg
208-96-8	Acenaphthylene	0.89	U	0.89	4.6	4.6	ug/Kg
83-32-9	Acenaphthene	0.77	U	0.77	4.6	4.6	ug/Kg
Total PAH	Total PAH	20.4	U	20.4	4.6	73.6	ug/Kg
86-73-7	Fluorene	0.84	U	0.84	4.6	4.6	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	6	U	6	9.3	9.3	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.6	4.6	ug/Kg
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.6	4.6	ug/Kg
1912-24-9	Atrazine	1.1	U	1.1	4.6	4.6	ug/Kg
87-86-5	Pentachlorophenol	4	U	4	9.3	9.3	ug/Kg
85-01-8	Phenanthrene	0.89	U	0.89	4.6	4.6	ug/Kg
120-12-7	Anthracene	1.1	U	1.1	4.6	4.6	ug/Kg
206-44-0	Fluoranthene	0.94	U	0.94	4.6	4.6	ug/Kg
129-00-0	Pyrene	1.3	U	1.3	4.6	4.6	ug/Kg
56-55-3	Benzo(a)anthracene	1.1	U	1.1	4.6	4.6	ug/Kg
218-01-9	Chrysene	1.2	U	1.2	4.6	4.6	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	9.3	9.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.7	U	1.7	4.6	4.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	4.6	4.6	ug/Kg
50-32-8	Benzo(a)pyrene	2.3	U	2.3	4.6	4.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.8	U	1.8	4.6	4.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	U	1.6	4.6	4.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.6	U	1.6	4.6	4.6	ug/Kg
123-91-1	1,4-Dioxane	3.1	U	3.1	9.3	9.3	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0-0.5-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-09	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	28.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033522.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.135		17-161		34	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.114		23-138		28	SPK: -0.4
367-12-4	2-Fluorophenol	0.121		28-122		30	SPK: -0.4
13127-88-3	Phenol-d6	0.126		25-125		31	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.143		33-121		36	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.143		32-121		36	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.104		19-110		26	SPK: -0.4
1718-51-0	Terphenyl-d14	0.125		21-130		31	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6458	7.552				
1146-65-2	Naphthalene-d8	17095	10.314				
15067-26-2	Acenaphthene-d10	8364	14.189				
1517-22-2	Phenanthrene-d10	16884	16.929				
1719-03-5	Chrysene-d12	9815	21.139				
1520-96-3	Perylene-d12	9610	23.309				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-10	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	27.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033523.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.8	U	1.8	9	9	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.5	4.5	ug/Kg
91-20-3	Naphthalene	0.95	U	0.95	4.5	4.5	ug/Kg
87-68-3	Hexachlorobutadiene	0.95	U	0.95	4.5	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.5	4.5	ug/Kg
208-96-8	Acenaphthylene	0.86	U	0.86	4.5	4.5	ug/Kg
83-32-9	Acenaphthene	0.75	U	0.75	4.5	4.5	ug/Kg
Total PAH	Total PAH	19.86	U	19.86	4.5	72	ug/Kg
86-73-7	Fluorene	0.82	U	0.82	4.5	4.5	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.8	U	5.8	9	9	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	4.5	ug/Kg
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.5	4.5	ug/Kg
1912-24-9	Atrazine	1	U	1	4.5	4.5	ug/Kg
87-86-5	Pentachlorophenol	3.9	U	3.9	9	9	ug/Kg
85-01-8	Phenanthrene	0.86	U	0.86	4.5	4.5	ug/Kg
120-12-7	Anthracene	1.1	U	1.1	4.5	4.5	ug/Kg
206-44-0	Fluoranthene	0.92	U	0.92	4.5	4.5	ug/Kg
129-00-0	Pyrene	1.3	U	1.3	4.5	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	1	U	1	4.5	4.5	ug/Kg
218-01-9	Chrysene	1.2	U	1.2	4.5	4.5	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	9	9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	4.5	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.5	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	2.3	U	2.3	4.5	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	4.5	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	U	1.6	4.5	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.6	U	1.6	4.5	4.5	ug/Kg
123-91-1	1,4-Dioxane	3	U	3	9	9	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	924-K1-SD-0.5-1.0-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-10			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	27.1
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033523.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.109		17-161		27	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.113		23-138		28	SPK: -0.4
367-12-4	2-Fluorophenol	0.097	*	28-122		24	SPK: -0.4
13127-88-3	Phenol-d6	0.098	*	25-125		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.117	*	33-121		29	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.124	*	32-121		31	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.074		19-110		19	SPK: -0.4
1718-51-0	Terphenyl-d14	0.099		21-130		25	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6739	7.552				
1146-65-2	Naphthalene-d8	17282	10.314				
15067-26-2	Acenaphthene-d10	7881	14.189				
1517-22-2	Phenanthrene-d10	15265	16.929				
1719-03-5	Chrysene-d12	11704	21.139				
1520-96-3	Perylene-d12	11707	23.309				

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162859BL			SDG No.:	BN082024
Lab Sample ID:	PB162859BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033527.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162859

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

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Report of Analysis

Client:				Date Collected:	8/20/2024 12:00:00 AM
Project:				Date Received:	8/20/2024 12:00:00 AM
Client Sample ID:	PB162859BL			SDG No.:	BN082024
Lab Sample ID:	PB162859BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033527.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162859

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		17-161		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.359		23-138		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.283		28-122		71	SPK: -0.4
13127-88-3	Phenol-d6	0.28		25-125		70	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.357		33-121		89	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.406		32-121		101	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.187		19-110		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.382		21-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6991	7.552				
1146-65-2	Naphthalene-d8	17549	10.314				
15067-26-2	Acenaphthene-d10	7532	14.189				
1517-22-2	Phenanthrene-d10	14113	16.942				
1719-03-5	Chrysene-d12	9332	21.139				
1520-96-3	Perylene-d12	10143	23.309				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0.5-1.0-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-04	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	26.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033528.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.8	U	1.8	8.9	8.9	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.5	4.5	ug/Kg
91-20-3	Naphthalene	0.94	U	0.94	4.5	4.5	ug/Kg
87-68-3	Hexachlorobutadiene	0.94	U	0.94	4.5	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.5	4.5	ug/Kg
208-96-8	Acenaphthylene	0.85	U	0.85	4.5	4.5	ug/Kg
83-32-9	Acenaphthene	0.75	U	0.75	4.5	4.5	ug/Kg
Total PAH	Total PAH	19.71	U	19.71	4.5	72	ug/Kg
86-73-7	Fluorene	0.81	U	0.81	4.5	4.5	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.8	U	5.8	8.9	8.9	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	4.5	ug/Kg
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.5	4.5	ug/Kg
1912-24-9	Atrazine	1	U	1	4.5	4.5	ug/Kg
87-86-5	Pentachlorophenol	3.8	U	3.8	8.9	8.9	ug/Kg
85-01-8	Phenanthrene	0.85	U	0.85	4.5	4.5	ug/Kg
120-12-7	Anthracene	1.1	U	1.1	4.5	4.5	ug/Kg
206-44-0	Fluoranthene	0.91	U	0.91	4.5	4.5	ug/Kg
129-00-0	Pyrene	1.3	U	1.3	4.5	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	1	U	1	4.5	4.5	ug/Kg
218-01-9	Chrysene	1.2	U	1.2	4.5	4.5	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	8.9	8.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	4.5	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.5	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	2.3	U	2.3	4.5	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	4.5	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.6	U	1.6	4.5	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	U	1.5	4.5	4.5	ug/Kg
123-91-1	1,4-Dioxane	3	U	3	8.9	8.9	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0.5-1.0-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-04	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	26.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033528.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.159		17-161		40	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.152		23-138		38	SPK: -0.4
367-12-4	2-Fluorophenol	0.141		28-122		35	SPK: -0.4
13127-88-3	Phenol-d6	0.148		25-125		37	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.175		33-121		44	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.179		32-121		45	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.115		19-110		29	SPK: -0.4
1718-51-0	Terphenyl-d14	0.136		21-130		34	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6344	7.552				
1146-65-2	Naphthalene-d8	16233	10.314				
15067-26-2	Acenaphthene-d10	7198	14.189				
1517-22-2	Phenanthrene-d10	13946	16.929				
1719-03-5	Chrysene-d12	10237	21.139				
1520-96-3	Perylene-d12	10654	23.306				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	918-J-SD-0.5-1.0-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-08	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	20.4
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033529.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.6	U	1.6	8.3	8.3	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.1	U	1.1	4.1	4.1	ug/Kg
91-20-3	Naphthalene	0.87	U	0.87	4.1	4.1	ug/Kg
87-68-3	Hexachlorobutadiene	0.87	U	0.87	4.1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.79	U	0.79	4.1	4.1	ug/Kg
83-32-9	Acenaphthene	0.69	U	0.69	4.1	4.1	ug/Kg
Total PAH	Total PAH	18.27	U	18.27	4.1	65.6	ug/Kg
86-73-7	Fluorene	0.75	U	0.75	4.1	4.1	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.3	U	5.3	8.3	8.3	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.1	4.1	ug/Kg
118-74-1	Hexachlorobenzene	1.1	U	1.1	4.1	4.1	ug/Kg
1912-24-9	Atrazine	0.95	U	0.95	4.1	4.1	ug/Kg
87-86-5	Pentachlorophenol	3.5	U	3.5	8.3	8.3	ug/Kg
85-01-8	Phenanthrene	0.79	U	0.79	4.1	4.1	ug/Kg
120-12-7	Anthracene	0.99	U	0.99	4.1	4.1	ug/Kg
206-44-0	Fluoranthene	0.84	U	0.84	4.1	4.1	ug/Kg
129-00-0	Pyrene	1.2	U	1.2	4.1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4.1	4.1	ug/Kg
218-01-9	Chrysene	1.1	U	1.1	4.1	4.1	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	8.3	8.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	2.1	U	2.1	4.1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.6	U	1.6	4.1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.5	U	1.5	4.1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	4.1	4.1	ug/Kg
123-91-1	1,4-Dioxane	2.8	U	2.8	8.3	8.3	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	918-J-SD-0.5-1.0-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-08			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	20.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033529.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.15		17-161		38	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.152		23-138		38	SPK: -0.4
367-12-4	2-Fluorophenol	0.132		28-122		33	SPK: -0.4
13127-88-3	Phenol-d6	0.133		25-125		33	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.155		33-121		39	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.168		32-121		42	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.075		19-110		19	SPK: -0.4
1718-51-0	Terphenyl-d14	0.143		21-130		36	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6567	7.552				
1146-65-2	Naphthalene-d8	16948	10.314				
15067-26-2	Acenaphthene-d10	7765	14.189				
1517-22-2	Phenanthrene-d10	14985	16.929				
1719-03-5	Chrysene-d12	10392	21.139				
1520-96-3	Perylene-d12	10451	23.306				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-01	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033530.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.4	U	2.4	12.1	12.1	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.6	U	1.6	6.1	6.1	ug/Kg
91-20-3	Naphthalene	1.3	U	1.3	6.1	6.1	ug/Kg
87-68-3	Hexachlorobutadiene	1.3	U	1.3	6.1	6.1	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	U	1.5	6.1	6.1	ug/Kg
208-96-8	Acenaphthylene	1.2	J	1.2	6.1	6.1	ug/Kg
83-32-9	Acenaphthene	1	U	1	6.1	6.1	ug/Kg
Total PAH	Total PAH	98	U	26.6	6.1	97.6	ug/Kg
86-73-7	Fluorene	1.4	J	1.1	6.1	6.1	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	7.8	U	7.8	12.1	12.1	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	6.1	6.1	ug/Kg
118-74-1	Hexachlorobenzene	1.6	U	1.6	6.1	6.1	ug/Kg
1912-24-9	Atrazine	1.4	U	1.4	6.1	6.1	ug/Kg
87-86-5	Pentachlorophenol	5.2	U	5.2	12.1	12.1	ug/Kg
85-01-8	Phenanthrene	8		1.2	6.1	6.1	ug/Kg
120-12-7	Anthracene	1.4	U	1.4	6.1	6.1	ug/Kg
206-44-0	Fluoranthene	16.6		1.2	6.1	6.1	ug/Kg
129-00-0	Pyrene	14.4		1.7	6.1	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	7.2		1.4	6.1	6.1	ug/Kg
218-01-9	Chrysene	10.8		1.6	6.1	6.1	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2.7	U	2.7	12.1	12.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	12.5		2.2	6.1	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	5.1	J	1.8	6.1	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	8.8		3	6.1	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.2	J	2.3	6.1	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.1	U	2.1	6.1	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.8		2.1	6.1	6.1	ug/Kg
123-91-1	1,4-Dioxane	4.1	U	4.1	12.1	12.1	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524	SDG No.:	BN082024
Lab Sample ID:	P3643-01	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033530.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.159		17-161		40	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.112		23-138		28	SPK: -0.4
367-12-4	2-Fluorophenol	0.175		28-122		44	SPK: -0.4
13127-88-3	Phenol-d6	0.177		25-125		44	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.205		33-121		51	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.164		32-121		41	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.13		19-110		32	SPK: -0.4
1718-51-0	Terphenyl-d14	0.097		21-130		24	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7280	7.552				
1146-65-2	Naphthalene-d8	18950	10.314				
15067-26-2	Acenaphthene-d10	8670	14.189				
1517-22-2	Phenanthrene-d10	17003	16.929				
1719-03-5	Chrysene-d12	12146	21.139				
1520-96-3	Perylene-d12	12923	23.306				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524MS	SDG No.:	BN082024
Lab Sample ID:	P3643-02MS	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033531.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	23.1		2.4	12.1	12.1	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	23.5		1.6	6.1	6.1	ug/Kg
91-20-3	Naphthalene	22.7		1.3	6.1	6.1	ug/Kg
87-68-3	Hexachlorobutadiene	21.6		1.3	6.1	6.1	ug/Kg
91-57-6	2-Methylnaphthalene	22		1.5	6.1	6.1	ug/Kg
208-96-8	Acenaphthylene	23.3		1.2	6.1	6.1	ug/Kg
83-32-9	Acenaphthene	22.1		1	6.1	6.1	ug/Kg
Total PAH	Total PAH	462.6		26.7	6.1	97.6	ug/Kg
86-73-7	Fluorene	21.7		1.1	6.1	6.1	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17.7		7.8	12.1	12.1	ug/Kg
101-55-3	4-Bromophenyl-phenylether	22		1.5	6.1	6.1	ug/Kg
118-74-1	Hexachlorobenzene	22.2		1.6	6.1	6.1	ug/Kg
1912-24-9	Atrazine	20.9		1.4	6.1	6.1	ug/Kg
87-86-5	Pentachlorophenol	27.5		5.2	12.1	12.1	ug/Kg
85-01-8	Phenanthrene	31.3		1.2	6.1	6.1	ug/Kg
120-12-7	Anthracene	24.8		1.5	6.1	6.1	ug/Kg
206-44-0	Fluoranthene	38.6		1.2	6.1	6.1	ug/Kg
129-00-0	Pyrene	34.8		1.7	6.1	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	31		1.4	6.1	6.1	ug/Kg
218-01-9	Chrysene	33		1.6	6.1	6.1	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	24.2		2.7	12.1	12.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	32.8		2.2	6.1	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	28.8		1.8	6.1	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	33.1		3	6.1	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.8		2.3	6.1	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	25		2.1	6.1	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.8		2.1	6.1	6.1	ug/Kg
123-91-1	1,4-Dioxane	19.3		4.1	12.1	12.1	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524MS	SDG No.:	BN082024
Lab Sample ID:	P3643-02MS	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033531.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.254		17-161		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.112		23-138		28	SPK: -0.4
367-12-4	2-Fluorophenol	0.177		28-122		44	SPK: -0.4
13127-88-3	Phenol-d6	0.174		25-125		43	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.205		33-121		51	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.16		32-121		40	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.123		19-110		31	SPK: -0.4
1718-51-0	Terphenyl-d14	0.094		21-130		23	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7686	7.552				
1146-65-2	Naphthalene-d8	19833	10.314				
15067-26-2	Acenaphthene-d10	8933	14.178				
1517-22-2	Phenanthrene-d10	16436	16.929				
1719-03-5	Chrysene-d12	12330	21.139				
1520-96-3	Perylene-d12	13621	23.309				

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524MSD	SDG No.:	BN082024
Lab Sample ID:	P3643-03MSD	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033532.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	21.2		2.4	12.1	12.1	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	21.8		1.6	6.1	6.1	ug/Kg
91-20-3	Naphthalene	21.7		1.3	6.1	6.1	ug/Kg
87-68-3	Hexachlorobutadiene	20.6		1.3	6.1	6.1	ug/Kg
91-57-6	2-Methylnaphthalene	20.9		1.5	6.1	6.1	ug/Kg
208-96-8	Acenaphthylene	22.5		1.2	6.1	6.1	ug/Kg
83-32-9	Acenaphthene	20.9		1	6.1	6.1	ug/Kg
Total PAH	Total PAH	437		26.6	6.1	97.6	ug/Kg
86-73-7	Fluorene	20.9		1.1	6.1	6.1	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16.6		7.8	12.1	12.1	ug/Kg
101-55-3	4-Bromophenyl-phenylether	20.3		1.4	6.1	6.1	ug/Kg
118-74-1	Hexachlorobenzene	20.1		1.6	6.1	6.1	ug/Kg
1912-24-9	Atrazine	20.1		1.4	6.1	6.1	ug/Kg
87-86-5	Pentachlorophenol	26.2		5.2	12.1	12.1	ug/Kg
85-01-8	Phenanthrene	29.3		1.2	6.1	6.1	ug/Kg
120-12-7	Anthracene	23.4		1.4	6.1	6.1	ug/Kg
206-44-0	Fluoranthene	38		1.2	6.1	6.1	ug/Kg
129-00-0	Pyrene	32.1		1.7	6.1	6.1	ug/Kg
56-55-3	Benzo(a)anthracene	29.3		1.4	6.1	6.1	ug/Kg
218-01-9	Chrysene	31.7		1.6	6.1	6.1	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	22.4		2.7	12.1	12.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	30.8		2.2	6.1	6.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	26.8		1.8	6.1	6.1	ug/Kg
50-32-8	Benzo(a)pyrene	31.3		3	6.1	6.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27.8		2.3	6.1	6.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23.2		2.1	6.1	6.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.3		2.1	6.1	6.1	ug/Kg
123-91-1	1,4-Dioxane	18.5		4.1	12.1	12.1	ug/Kg

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Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	932-K1-SD-0-0.5-081524MSD	SDG No.:	BN082024
Lab Sample ID:	P3643-03MSD	Matrix:	Solid
Analytical Method:	8270-Modified	% Moisture:	45.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033532.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.241		17-161		60	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.11		23-138		28	SPK: -0.4
367-12-4	2-Fluorophenol	0.166		28-122		41	SPK: -0.4
13127-88-3	Phenol-d6	0.163		25-125		41	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.194		33-121		49	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.153		32-121		38	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.126		19-110		31	SPK: -0.4
1718-51-0	Terphenyl-d14	0.088		21-130		22	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7979	7.552				
1146-65-2	Naphthalene-d8	19920	10.314				
15067-26-2	Acenaphthene-d10	8974	14.178				
1517-22-2	Phenanthrene-d10	17742	16.929				
1719-03-5	Chrysene-d12	14459	21.139				
1520-96-3	Perylene-d12	16179	23.308				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	917-J-SD-0-0.5-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-05			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	82.2
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033533.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	7.4	U	7.4	37.1	37.1	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.8	U	4.8	18.5	18.5	ug/Kg
91-20-3	Naphthalene	3.9	U	3.9	18.5	18.5	ug/Kg
87-68-3	Hexachlorobutadiene	3.9	U	3.9	18.5	18.5	ug/Kg
91-57-6	2-Methylnaphthalene	4.5	U	4.5	18.5	18.5	ug/Kg
208-96-8	Acenaphthylene	3.5	U	3.5	18.5	18.5	ug/Kg
83-32-9	Acenaphthene	6	J	3.1	18.5	18.5	ug/Kg
Total PAH	Total PAH	2161.9		81.6	18.5	296	ug/Kg
86-73-7	Fluorene	9.5	J	3.4	18.5	18.5	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	23.9	U	23.9	37.1	37.1	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4.4	U	4.4	18.5	18.5	ug/Kg
118-74-1	Hexachlorobenzene	4.8	U	4.8	18.5	18.5	ug/Kg
1912-24-9	Atrazine	4.3	U	4.3	18.5	18.5	ug/Kg
87-86-5	Pentachlorophenol	15.8	U	15.8	37.1	37.1	ug/Kg
85-01-8	Phenanthrene	130		3.5	18.5	18.5	ug/Kg
120-12-7	Anthracene	12.5	J	4.4	18.5	18.5	ug/Kg
206-44-0	Fluoranthene	400		3.8	18.5	18.5	ug/Kg
129-00-0	Pyrene	260		5.3	18.5	18.5	ug/Kg
56-55-3	Benzo(a)anthracene	120		4.3	18.5	18.5	ug/Kg
218-01-9	Chrysene	250		4.8	18.5	18.5	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	15.5	J	8.3	37.1	37.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		6.7	18.5	18.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	110		5.5	18.5	18.5	ug/Kg
50-32-8	Benzo(a)pyrene	200		9.3	18.5	18.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		7.1	18.5	18.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33.9		6.6	18.5	18.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		6.4	18.5	18.5	ug/Kg
123-91-1	1,4-Dioxane	12.5	U	12.5	37.1	37.1	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	917-J-SD-0-0.5-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-05			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	82.2
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033533.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.137		17-161		34	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.12		23-138		30	SPK: -0.4
367-12-4	2-Fluorophenol	0.146		28-122		36	SPK: -0.4
13127-88-3	Phenol-d6	0.149		25-125		37	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.158		33-121		40	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.144		32-121		36	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.109		19-110		27	SPK: -0.4
1718-51-0	Terphenyl-d14	0.1		21-130		25	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8553	7.552				
1146-65-2	Naphthalene-d8	22144	10.314				
15067-26-2	Acenaphthene-d10	9918	14.178				
1517-22-2	Phenanthrene-d10	19249	16.929				
1719-03-5	Chrysene-d12	16046	21.139				
1520-96-3	Perylene-d12	16796	23.309				

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-J-SD-0-0.5-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-11			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	27.2
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033534.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.8	U	1.8	9	9	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.5	4.5	ug/Kg
91-20-3	Naphthalene	0.95	U	0.95	4.5	4.5	ug/Kg
87-68-3	Hexachlorobutadiene	0.95	U	0.95	4.5	4.5	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.5	4.5	ug/Kg
208-96-8	Acenaphthylene	0.86	U	0.86	4.5	4.5	ug/Kg
83-32-9	Acenaphthene	5.6		0.75	4.5	4.5	ug/Kg
Total PAH	Total PAH	634.8		19.86	4.5	72	ug/Kg
86-73-7	Fluorene	5.1		0.82	4.5	4.5	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.8	U	5.8	9	9	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	4.5	ug/Kg
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.5	4.5	ug/Kg
1912-24-9	Atrazine	1	U	1	4.5	4.5	ug/Kg
87-86-5	Pentachlorophenol	3.9	U	3.9	9	9	ug/Kg
85-01-8	Phenanthrene	58.8		0.86	4.5	4.5	ug/Kg
120-12-7	Anthracene	14.3		1.1	4.5	4.5	ug/Kg
206-44-0	Fluoranthene	120		0.92	4.5	4.5	ug/Kg
129-00-0	Pyrene	84.1		1.3	4.5	4.5	ug/Kg
56-55-3	Benzo(a)anthracene	54.5		1	4.5	4.5	ug/Kg
218-01-9	Chrysene	55.2		1.2	4.5	4.5	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	J	2	9	9	ug/Kg
205-99-2	Benzo(b)fluoranthene	72.6		1.6	4.5	4.5	ug/Kg
207-08-9	Benzo(k)fluoranthene	27		1.3	4.5	4.5	ug/Kg
50-32-8	Benzo(a)pyrene	59.4		2.3	4.5	4.5	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.6		1.7	4.5	4.5	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.8		1.6	4.5	4.5	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37.8		1.6	4.5	4.5	ug/Kg
123-91-1	1,4-Dioxane	3	U	3	9	9	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/15/2024 12:00:00 AM
Project:				Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	921-J-SD-0-0.5-081524			SDG No.:	BN082024
Lab Sample ID:	P3643-11			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	27.2
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033534.D	1	8/20/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162860

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.207		17-161		52	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.207		23-138		52	SPK: -0.4
367-12-4	2-Fluorophenol	0.226		28-122		56	SPK: -0.4
13127-88-3	Phenol-d6	0.196		25-125		49	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.212		33-121		53	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.224		32-121		56	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.161		19-110		40	SPK: -0.4
1718-51-0	Terphenyl-d14	0.175		21-130		44	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8631	7.552				
1146-65-2	Naphthalene-d8	22375	10.314				
15067-26-2	Acenaphthene-d10	10411	14.178				
1517-22-2	Phenanthrene-d10	20637	16.929				
1719-03-5	Chrysene-d12	17009	21.139				
1520-96-3	Perylene-d12	17540	23.309				

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Hit Summary Sheet
SW-846

SDG No.: BN082024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TT189D2-HYD-20240813								
P3623-02	TT189D2-HYD-2024081	Water	1,4-Dioxane	0.610		0.07	0.2	ug/L
			Total Svoc :	**0.61**				
			Total Concentration:	**0.61**				
Client ID : 932-K1-SD-0-0.5-081524								
P3643-01	932-K1-SD-0-0.5-081524	Solid	Acenaphthylene	1.200	J	1.2	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Benzo(a)anthracene	7.200		1.4	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Benzo(a)pyrene	8.800		3	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Benzo(b)fluoranthene	12.500		2.2	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Benzo(g,h,i)perylene	6.800		2.1	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Benzo(k)fluoranthene	5.100	J	1.8	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Chrysene	10.800		1.6	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Fluoranthene	16.600		1.2	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Fluorene	1.400	J	1.1	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene	5.200	J	2.3	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Phenanthrene	8.000		1.2	6.1	ug/Kg
P3643-01	932-K1-SD-0-0.5-081524	Solid	Pyrene	14.400		1.7	6.1	ug/Kg
			Total Svoc :	**98.00**				
			Total Concentration:	**98.00**				
Client ID : 917-J-SD-0-0.5-081524								
P3643-05	917-J-SD-0-0.5-081524	Solid	Acenaphthene	6.000	J	3.1	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Anthracene	12.500	J	4.4	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Benzo(a)anthracene	120.000		4.3	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Benzo(a)pyrene	200.000		9.3	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Benzo(b)fluoranthene	320.000		6.7	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Benzo(g,h,i)perylene	170.000		6.4	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Benzo(k)fluoranthene	110.000		5.5	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Bis(2-ethylhexyl)phthalate	15.500	J	8.3	37.1	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Chrysene	250.000		4.8	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Dibenzo(a,h)anthracene	33.900		6.6	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Fluoranthene	400.000		3.8	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Fluorene	9.500	J	3.4	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene	140.000		7.1	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Phenanthrene	130.000		3.5	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Pyrene	260.000		5.3	18.5	ug/Kg
P3643-05	917-J-SD-0-0.5-081524	Solid	Total PAH	2,161.000		81.6	296	ug/Kg
			Total Svoc :	**4,338.40**				

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Hit Summary Sheet
SW-846

SDG No.: BN082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**4,338.40**				
Client ID :	**921-J-SD-0-0.5-081524**							
P3643-11	921-J-SD-0-0.5-081524	Solid	Acenaphthene	5.600		0.75	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Anthracene	14.300		1.1	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Benzo(a)anthracene	54.500		1	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Benzo(a)pyrene	59.400		2.3	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Benzo(b)fluoranthene	72.600		1.6	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Benzo(g,h,i)perylene	37.800		1.6	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Benzo(k)fluoranthene	27.000		1.3	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Bis(2-ethylhexyl)phthalate	3.900	J	2	9	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Chrysene	55.200		1.2	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Dibenzo(a,h)anthracene	8.800		1.6	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Fluoranthene	120.000		0.92	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Fluorene	5.100		0.82	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Indeno(1,2,3-cd)pyrene	31.600		1.7	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Phenanthrene	58.800		0.86	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Pyrene	84.100		1.3	4.5	ug/Kg
P3643-11	921-J-SD-0-0.5-081524	Solid	Total PAH	634.000		19.86	72	ug/Kg
			Total Svoc :	**1,272.70**				
			Total Concentration:	**1,272.70**				
Client ID :	**914-J-WS-081524**							
P3645-01	914-J-WS-081524	Water	Acenaphthene	0.190		0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Anthracene	0.020	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Benzo(b)fluoranthene	0.060	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Benzo(g,h,i)perylene	0.040	J	0.04	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Benzo(k)fluoranthene	0.050	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Chrysene	0.060	J	0.03	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Dibenzo(a,h)anthracene	0.040	J	0.04	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Fluorene	0.180		0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Indeno(1,2,3-cd)pyrene	0.040	J	0.04	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Naphthalene	0.050	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Pyrene	0.040	J	0.02	0.1	ug/L
P3645-01	914-J-WS-081524	Water	Total PAH	0.900	J	0.45	1.6	ug/L
			Total Svoc :	**1.80**				
			Total Concentration:	**1.80**				
Client ID :	**916-J-WS-081524**							

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Hit Summary Sheet
SW-846

SDG No.: BN082024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3645-02	916-J-WS-081524	Water	Acenaphthene	0.090	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Chrysene	0.030	J	0.03	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Fluorene	0.130		0.02	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P3645-02	916-J-WS-081524	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.40**				
			Total Concentration:	**0.40**				
Client ID :	**916-J-WPO-0.25-081524**							
P3646-02	916-J-WPO-0.25-081524	Water	Acenaphthene	0.110		0.02	0.1	ug/L
P3646-02	916-J-WPO-0.25-081524	Water	Fluoranthene	0.050	J	0.02	0.1	ug/L
P3646-02	916-J-WPO-0.25-081524	Water	Fluorene	0.090	J	0.02	0.1	ug/L
P3646-02	916-J-WPO-0.25-081524	Water	Naphthalene	0.030	J	0.02	0.1	ug/L
P3646-02	916-J-WPO-0.25-081524	Water	Phenanthrene	0.020	J	0.02	0.1	ug/L
P3646-02	916-J-WPO-0.25-081524	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**0.33**				
			Total Concentration:	**0.33**				
Client ID :	**RW7-SP100-20240814DL**							
P3650-01DL	RW7-SP100-20240814DI	Water	1,4-Dioxane	5.500	D	0.14	0.4	ug/L
			Total Svoc :	**5.50**				
			Total Concentration:	**5.50**				
Client ID :	**917-J-WPO-0.25-081624**							
P3662-01	917-J-WPO-0.25-081624	Water	1,4-Dioxane	0.140	J	0.07	0.21	ug/L
P3662-01	917-J-WPO-0.25-081624	Water	Acenaphthene	0.030	J	0.02	0.1	ug/L
P3662-01	917-J-WPO-0.25-081624	Water	Fluoranthene	0.090	J	0.02	0.1	ug/L
P3662-01	917-J-WPO-0.25-081624	Water	Fluorene	0.130		0.02	0.1	ug/L
P3662-01	917-J-WPO-0.25-081624	Water	Phenanthrene	0.110		0.02	0.1	ug/L
P3662-01	917-J-WPO-0.25-081624	Water	Pyrene	0.040	J	0.02	0.1	ug/L
			Total Svoc :	**0.54**				
			Total Concentration:	**0.54**				
Client ID :	**SP-100-70740816**							
P3666-01	SP-100-70740816	Water	1,4-Dioxane	4.700		0.07	0.2	ug/L
P3666-01	SP-100-70740816	Water	bis(2-Chloroethyl)ether	0.030	J	0.03	0.1	ug/L
			Total Svoc :	**4.73**				
			Total Concentration:	**4.73**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN081924 SAS No.: BN081924 SDG No.: BN081924

Instrument ID: Calibration Date(s): 8/19/2024

Calibration Time(s): 16:16

LAB FILE ID: RRF0.1 = BN033479.D RRF0.2 = BN033480.D RRF0.4 = BN033481.D
RRF0.8 = BN033482.D RRF1.6 = BN033483.D RRF3.2 = BN033484.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.577	0.566	0.492	0.616	0.603	0.566	0.572	7.0
Fluoranthene-d10	0.947	0.919	0.870	1.011	1.015	0.968	0.961	5.6
n-Nitrosodimethylamine	0.545	0.550	0.456	0.615	0.575	0.521	0.535	10.0
2-Fluorophenol	1.276	1.281	1.267	1.350	1.327	1.196	1.271	4.5
Phenol-d6	1.555	1.576	1.360	1.677	1.598	1.464	1.512	8.1
bis(2-Chloroethyl)ether	1.170	1.144	0.753	1.227	1.166	1.067	1.072	15.1
Nitrobenzene-d5	0.341	0.324	0.303	0.352	0.345	0.322	0.332	5.0
Naphthalene	1.082	1.068	0.947	1.155	1.127	1.042	1.069	6.2
Hexachlorobutadiene	0.217	0.213	0.192	0.230	0.225	0.207	0.213	5.9
2-Methylnaphthalene	0.665	0.667	0.586	0.732	0.716	0.678	0.677	7.0
2-Fluorobiphenyl	1.627	1.601	1.487	1.761	1.731	1.609	1.634	5.5
Acenaphthylene	1.626	1.609	1.535	1.870	1.893	1.837	1.754	9.0
Acenaphthene	1.185	1.177	1.104	1.325	1.322	1.249	1.234	6.7
Fluorene	1.558	1.483	1.381	1.667	1.647	1.567	1.555	6.3
4,6-Dinitro-2-methylphenol	0.051	0.051	0.051	0.064	0.069	0.072	0.062	18.8
2,4,6-Tribromophenol	0.212	0.202	0.185	0.220	0.226	0.223	0.215	8.0
4-Bromophenyl-phenylether	0.241	0.231	0.222	0.255	0.255	0.246	0.243	5.2
Hexachlorobenzene	0.271	0.260	0.249	0.281	0.280	0.266	0.268	4.2
Atrazine	0.188	0.184	0.173	0.201	0.203	0.198	0.194	6.5
Pentachlorophenol	0.114	0.098	0.097	0.118	0.122	0.128	0.116	12.8
Phenanthrene	1.093	1.067	1.033	1.177	1.168	1.113	1.113	4.7
Anthracene	0.931	0.912	0.876	1.035	1.046	1.035	0.985	7.7
Fluoranthene	1.178	1.153	1.106	1.303	1.313	1.266	1.230	6.7
Pyrene	1.756	1.763	1.704	1.901	1.855	1.751	1.785	3.8
Terphenyl-d14	0.907	0.896	0.862	0.966	0.943	0.890	0.909	3.8
Benzo(a)anthracene	1.485	1.369	1.317	1.525	1.529	1.426	1.446	5.5
Chrysene	1.435	1.392	1.331	1.557	1.514	1.403	1.437	5.3
Bis(2-ethylhexyl)phthalate	1.206	0.914	0.814	0.870	0.869	0.845	0.915	14.4
Benzo(b)fluoranthene	1.524	1.432	1.336	1.578	1.573	1.480	1.494	5.8
Benzo(k)fluoranthene	1.439	1.393	1.324	1.556	1.576	1.492	1.470	6.1
Benzo(a)pyrene	1.228	1.162	1.096	1.309	1.317	1.251	1.236	6.6
Indeno(1,2,3-cd)pyrene	1.616	1.580	1.535	1.779	1.759	1.661	1.661	5.4
Dibenzo(a,h)anthracene	1.283	1.264	1.231	1.426	1.410	1.329	1.328	5.6
Benzo(g,h,i)perylene	1.399	1.372	1.296	1.518	1.506	1.413	1.420	5.4
1,4-Dioxane	0.523	0.513	0.329	0.524	0.488	0.452	0.460	16.2

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.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 16:28

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	12893	7.559	24390	10.31	12011	14.19
	UPPER LIMIT	25786	8.059	48780	10.814	24022	14.689
	LOWER LIMIT	6446.5	7.059	12195	9.814	6005.5	13.689
	EPA SAMPLE NO.						
01	PB162787BL	8441	7.55	21567	10.31	9670	14.19
02	PB162851BL	6669	7.55	16888	10.31	7342	14.19
03	TT189D2-HYD-20240813	7969	7.55	20639	10.31	9824	14.19
04	BPOW6-7-HYD-20240814	7274	7.55	18924	10.31	9264	14.19
05	914-J-WS-081524	7581	7.55	20168	10.31	10160	14.19
06	916-J-WS-081524	7720	7.55	19614	10.31	9099	14.19
07	916-J-WPO-0.25-081524	8482	7.55	22740	10.31	11052	14.19
08	PB162851BS	9731	7.55	25646	10.31	12583	14.19
09	PB162851BSD	9034	7.55	24228	10.31	12251	14.19
10	917-J-WPO-0.25-081624	7308	7.55	18500	10.31	8366	14.19
11	SP-100-70740816	7290	7.55	19000	10.31	8809	14.19
12	SP-201-70740816	6956	7.55	17989	10.31	8326	14.19
13	SP-303-70740816	7349	7.55	18908	10.31	8775	14.19
14	RW7-SP100-20240814DL	7175	7.55	18576	10.31	8901	14.19
15	924-K1-SD-0-0.5-081524	6458	7.55	17095	10.31	8364	14.19
16	924-K1-SD-0.5-1.0-081524	6739	7.55	17282	10.31	7881	14.19
17	PB162859BL	6991	7.55	17549	10.31	7532	14.19
18	932-K1-SD-0.5-1.0-081524	6344 *	7.55	16233	10.31	7198	14.19
19	918-J-SD-0.5-1.0-081524	6567	7.55	16948	10.31	7765	14.19
20	932-K1-SD-0-0.5-081524	7280	7.55	18950	10.31	8670	14.19
21	932-K1-SD-0-0.5-081524MS	7686	7.55	19833	10.31	8933	14.18
22	932-K1-SD-0-0.5-081524MSD	7979	7.55	19920	10.31	8974	14.18
23	917-J-SD-0-0.5-081524	8553	7.55	22144	10.31	9918	14.18

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033481.D Time Analyzed: 09:27

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	12893	7.559	24390	10.31	12011	14.19
	UPPER LIMIT	25786	8.059	48780	10.814	24022	14.689
	LOWER LIMIT	6446.5	7.059	12195	9.814	6005.5	13.689
	EPA SAMPLE NO.						
24	921-J-SD-0-0.5-081524	8631	7.55	22375	10.31	10411	14.18

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.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 16:28

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	8554	7.552	22897	10.31	11496	14.19
	UPPER LIMIT	17108	8.052	45794	10.814	22992	14.689
	LOWER LIMIT	4277	7.052	11448.5	9.814	5748	13.689
	EPA SAMPLE NO.						
01	PB162787BL	8441	7.55	21567	10.31	9670	14.19
02	PB162851BL	6669	7.55	16888	10.31	7342	14.19
03	TT189D2-HYD-20240813	7969	7.55	20639	10.31	9824	14.19
04	BPOW6-7-HYD-20240814	7274	7.55	18924	10.31	9264	14.19
05	914-J-WS-081524	7581	7.55	20168	10.31	10160	14.19
06	916-J-WS-081524	7720	7.55	19614	10.31	9099	14.19
07	916-J-WPO-0.25-081524	8482	7.55	22740	10.31	11052	14.19
08	PB162851BS	9731	7.55	25646	10.31	12583	14.19
09	PB162851BSD	9034	7.55	24228	10.31	12251	14.19
10	917-J-WPO-0.25-081624	7308	7.55	18500	10.31	8366	14.19
11	SP-100-70740816	7290	7.55	19000	10.31	8809	14.19
12	SP-201-70740816	6956	7.55	17989	10.31	8326	14.19
13	SP-303-70740816	7349	7.55	18908	10.31	8775	14.19
14	RW7-SP100-20240814DL	7175	7.55	18576	10.31	8901	14.19
15	924-K1-SD-0-0.5-081524	6458	7.55	17095	10.31	8364	14.19
16	924-K1-SD-0.5-1.0-081524	6739	7.55	17282	10.31	7881	14.19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033507.D Time Analyzed: 01:30

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	8554	7.552	22897	10.31	11496	14.19
UPPER LIMIT	17108	8.052	45794	10.814	22992	14.689
LOWER LIMIT	4277	7.052	11448.5	9.814	5748	13.689
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.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033526.D Time Analyzed: 05:14

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	10942	7.552	28811	10.31	14170	14.19
	UPPER LIMIT	21884	8.052	57622	10.814	28340	14.689
	LOWER LIMIT	5471	7.052	14405.5	9.814	7085	13.689
	EPA SAMPLE NO.						
01	PB162859BL	6991	7.55	17549	10.31	7532	14.19
02	932-K1-SD-0.5-1.0-081524	6344	7.55	16233	10.31	7198	14.19
03	918-J-SD-0.5-1.0-081524	6567	7.55	16948	10.31	7765	14.19
04	932-K1-SD-0-0.5-081524	7280	7.55	18950	10.31	8670	14.19
05	932-K1-SD-0-0.5-081524MS	7686	7.55	19833	10.31	8933	14.18
06	932-K1-SD-0-0.5-081524MSD	7979	7.55	19920	10.31	8974	14.18
07	917-J-SD-0-0.5-081524	8553	7.55	22144	10.31	9918	14.18
08	921-J-SD-0-0.5-081524	8631	7.55	22375	10.31	10411	14.18

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.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033481.D Time Analyzed: 16:28

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	24497	16.942	16119	21.148	15903	23.32
	UPPER LIMIT	48994	17.442	32238	21.648	31806	23.82
	LOWER LIMIT	12248.5	16.442	8059.5	20.648	7951.5	22.82
	EPA SAMPLE NO.						
01	PB162787BL	18285	16.94	11101	21.15	11428	23.32
02	PB162851BL	13979	16.94	8601	21.15	8871	23.31
03	TT189D2-HYD-20240813	19545	16.94	11531	21.14	10260	23.32
04	BPOW6-7-HYD-20240814	18895	16.94	10814	21.15	7999	23.32
05	914-J-WS-081524	20244	16.93	12892	21.15	12153	23.32
06	916-J-WS-081524	17960	16.93	14746	21.14	14922	23.31
07	916-J-WPO-0.25-081524	22302	16.93	14089	21.15	13411	23.32
08	PB162851BS	24090	16.94	15815	21.15	16027	23.32
09	PB162851BSD	24610	16.93	14783	21.14	14180	23.31
10	917-J-WPO-0.25-081624	17245	16.93	14616	21.14	15164	23.31
11	SP-100-70740816	16987	16.93	11144	21.14	11324	23.31
12	SP-201-70740816	15938	16.93	10259	21.14	10334	23.31
13	SP-303-70740816	16959	16.93	11478	21.14	11439	23.31
14	RW7-SP100-20240814DL	17652	16.93	10497	21.14	10472	23.31
15	924-K1-SD-0-0.5-081524	16884	16.93	9815	21.14	9610	23.31
16	924-K1-SD-0.5-1.0-081524	15265	16.93	11704	21.14	11707	23.31
17	PB162859BL	14113	16.94	9332	21.14	10143	23.31
18	932-K1-SD-0.5-1.0-081524	13946	16.93	10237	21.14	10654	23.31
19	918-J-SD-0.5-1.0-081524	14985	16.93	10392	21.14	10451	23.31
20	932-K1-SD-0-0.5-081524	17003	16.93	12146	21.14	12923	23.31
21	932-K1-SD-0-0.5-081524MS	16436	16.93	12330	21.14	13621	23.31

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033481.D Time Analyzed: 08:15

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	24497	16.942	16119	21.148	15903	23.32
	UPPER LIMIT	48994	17.442	32238	21.648	31806	23.82
	LOWER LIMIT	12248.5	16.442	8059.5	20.648	7951.5	22.82
	EPA SAMPLE NO.						
22	932-K1-SD-0-0.5-081524MSD	17742	16.93	14459	21.14	16179	23.31
23	917-J-SD-0-0.5-081524	19249	16.93	16046	21.14	16796	23.31
24	921-J-SD-0-0.5-081524	20637	16.93	17009	21.14	17540	23.31

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.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BN033507.D Time Analyzed: 16:28

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	22430	16.942	13701	21.148	14151	23.317
	UPPER LIMIT	44860	17.442	27402	21.648	28302	23.817
	LOWER LIMIT	11215	16.442	6850.5	20.648	7075.5	22.817
	EPA SAMPLE NO.						
01	PB162787BL	18285	16.94	11101	21.15	11428	23.32
02	PB162851BL	13979	16.94	8601	21.15	8871	23.31
03	TT189D2-HYD-20240813	19545	16.94	11531	21.14	10260	23.32
04	BPOW6-7-HYD-20240814	18895	16.94	10814	21.15	7999	23.32
05	914-J-WS-081524	20244	16.93	12892	21.15	12153	23.32
06	916-J-WS-081524	17960	16.93	14746	21.14	14922	23.31
07	916-J-WPO-0.25-081524	22302	16.93	14089	21.15	13411	23.32
08	PB162851BS	24090	16.94	15815	21.15	16027	23.32
09	PB162851BSD	24610	16.93	14783	21.14	14180	23.31
10	917-J-WPO-0.25-081624	17245	16.93	14616	21.14	15164	23.31
11	SP-100-70740816	16987	16.93	11144	21.14	11324	23.31
12	SP-201-70740816	15938	16.93	10259	21.14	10334	23.31
13	SP-303-70740816	16959	16.93	11478	21.14	11439	23.31
14	RW7-SP100-20240814DL	17652	16.93	10497	21.14	10472	23.31
15	924-K1-SD-0-0.5-081524	16884	16.93	9815	21.14	9610	23.31
16	924-K1-SD-0.5-1.0-081524	15265	16.93	11704	21.14	11707	23.31

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033507.D Time Analyzed: 01:30

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	22430	16.942	13701	21.148	14151	23.317
UPPER LIMIT	44860	17.442	27402	21.648	28302	23.817
LOWER LIMIT	11215	16.442	6850.5	20.648	7075.5	22.817
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

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

Lab File ID: BN033526.D Time Analyzed: 05:14

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	27332	16.929	18082	21.139	19316	23.306
	UPPER LIMIT	54664	17.429	36164	21.639	38632	23.806
	LOWER LIMIT	13666	16.429	9041	20.639	9658	22.806
	EPA SAMPLE NO.						
01	PB162859BL	14113	16.94	9332	21.14	10143	23.31
02	932-K1-SD-0.5-1.0-081524	13946	16.93	10237	21.14	10654	23.31
03	918-J-SD-0.5-1.0-081524	14985	16.93	10392	21.14	10451	23.31
04	932-K1-SD-0-0.5-081524	17003	16.93	12146	21.14	12923	23.31
05	932-K1-SD-0-0.5-081524MS	16436	16.93	12330	21.14	13621	23.31
06	932-K1-SD-0-0.5-081524MSD	17742	16.93	14459	21.14	16179	23.31
07	917-J-SD-0-0.5-081524	19249	16.93	16046	21.14	16796	23.31
08	921-J-SD-0-0.5-081524	20637	16.93	17009	21.14	17540	23.31

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.: BN082024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB162851BS	n-Nitrosodimethylamine	0.4	0.36	ug/L	90				33	130	
	bis(2-Chloroethyl)ether	0.4	0.4	ug/L	100				55	118	
	Naphthalene	0.4	0.39	ug/L	98				67	120	
	Hexachlorobutadiene	0.4	0.38	ug/L	95				33	114	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthene	0.4	0.38	ug/L	95				65	119	
	Total PAH	6.4	6.09	ug/L	95				65	119	
	Fluorene	0.4	0.37	ug/L	93				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.3	ug/L	75				20	150	
	4-Bromophenyl-phenylether	0.4	0.39	ug/L	98				20	150	
	Hexachlorobenzene	0.4	0.4	ug/L	100				62	127	
	Atrazine	0.4	0.32	ug/L	80				20	150	
	Pentachlorophenol	0.8	0.3	ug/L	38				10	137	
	Phenanthrene	0.4	0.39	ug/L	98				65	117	
	Anthracene	0.4	0.37	ug/L	93				57	118	
	Fluoranthene	0.4	0.36	ug/L	90				53	126	
	Pyrene	0.4	0.38	ug/L	95				54	124	
	Benzo(a)anthracene	0.4	0.38	ug/L	95				54	130	
	Chrysene	0.4	0.39	ug/L	98				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.33	ug/L	83				40	137	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				65	121	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				72	119	
	Benzo(a)pyrene	0.4	0.38	ug/L	95				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				70	127	
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98				65	121	
	Benzo(g,h,i)perylene	0.4	0.39	ug/L	98				76	117	
	1,4-Dioxane	0.4	0.36	ug/L	90				42	127	
PB162851BSD	n-Nitrosodimethylamine	0.4	0.37	ug/L	93	3			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.4	ug/L	100	0			55	118	20
	Naphthalene	0.4	0.38	ug/L	95	3			67	120	20
	Hexachlorobutadiene	0.4	0.38	ug/L	95	0			33	114	20
	2-Methylnaphthalene	0.4	0.38	ug/L	95	0			50	122	20
	Acenaphthylene	0.4	0.36	ug/L	90	0			60	119	20
	Acenaphthene	0.4	0.38	ug/L	95	0			65	119	20
	Total PAH	6.4	6.15	ug/L	96	1			65	119	20
	Fluorene	0.4	0.37	ug/L	93	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.29	ug/L	73	3			20	150	20
	4-Bromophenyl-phenylether	0.4	0.38	ug/L	95	3			20	150	20
	Hexachlorobenzene	0.4	0.4	ug/L	100	0			62	127	20
	Atrazine	0.4	0.32	ug/L	80	0			20	150	20
	Pentachlorophenol	0.8	0.29	ug/L	36	3			10	137	20
	Phenanthrene	0.4	0.39	ug/L	98	0			65	117	20
	Anthracene	0.4	0.37	ug/L	93	0			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN082024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB162851BSD	Fluoranthene	0.4	0.36	ug/L	90	0			53	126	20
	Pyrene	0.4	0.41	ug/L	103	8			54	124	20
	Benzo(a)anthracene	0.4	0.38	ug/L	95	0			54	130	20
	Chrysene	0.4	0.4	ug/L	100	3			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.36	ug/L	90	9			40	137	20
	Benzo(b)fluoranthene	0.4	0.4	ug/L	100	3			65	121	20
	Benzo(k)fluoranthene	0.4	0.39	ug/L	98	3			72	119	20
	Benzo(a)pyrene	0.4	0.38	ug/L	95	0			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98	0			70	127	20
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98	0			65	121	20
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100	3			76	117	20
	1,4-Dioxane	0.4	0.36	ug/L	90	0			42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162787BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033508.D Lab Sample ID: PB162787BL

Instrument ID: BNA_N Date Extracted: 08/16/2024

Matrix: (soil/water) Water Date Analyzed: 08/20/2024

Level: (low/med) LOW Time Analyzed: 16:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TT189D2-HYD-20240813	P3623-02	BN033510.D	08/20/2024
BPOW6-7-HYD-20240814	P3623-03	BN033511.D	08/20/2024
914-J-WS-081524	P3645-01	BN033512.D	08/20/2024
916-J-WS-081524	P3645-02	BN033513.D	08/20/2024
916-J-WPO-0.25-081524	P3646-02	BN033514.D	08/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162851BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033509.D Lab Sample ID: PB162851BL

Instrument ID: BNA_N Date Extracted: 08/20/2024

Matrix: (soil/water) Water Date Analyzed: 08/20/2024

Level: (low/med) LOW Time Analyzed: 17:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162851BS	PB162851BS	BN033515.D	08/20/2024
PB162851BSD	PB162851BSD	BN033516.D	08/20/2024
917-J-WPO-0.25-081624	P3662-01	BN033517.D	08/20/2024
SP-100-70740816	P3666-01	BN033518.D	08/20/2024
SP-201-70740816	P3666-02	BN033519.D	08/20/2024
SP-303-70740816	P3666-03	BN033520.D	08/20/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162859BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033527.D Lab Sample ID: PB162859BL

Instrument ID: BNA_N Date Extracted: 08/20/2024

Matrix: (soil/water) Solid Date Analyzed: 08/21/2024

Level: (low/med) LOW Time Analyzed: 05:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

932-K1-SD-0.5-1.0-0

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN082024 SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033528.D Lab Sample ID: P3643-04

Instrument ID: BNA_N Date Extracted: 08/20/2024

Matrix: (soil/water) Solid Date Analyzed: 08/21/2024

Level: (low/med) LOW Time Analyzed: 05:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
932-K1-SD-0.5-1.0-081524	P3643-04	BN033528.D	08/21/2024
918-J-SD-0.5-1.0-081524	P3643-08	BN033529.D	08/21/2024
932-K1-SD-0-0.5-081524	P3643-01	BN033530.D	08/21/2024
932-K1-SD-0-0.5-081524MS	P3643-02MS	BN033531.D	08/21/2024
932-K1-SD-0-0.5-081524MSD	P3643-03MSD	BN033532.D	08/21/2024
917-J-SD-0-0.5-081524	P3643-05	BN033533.D	08/21/2024
921-J-SD-0-0.5-081524	P3643-11	BN033534.D	08/21/2024
924-K1-SD-0-0.5-081524	P3643-09	BN033522.D	08/21/2024
924-K1-SD-0.5-1.0-081524	P3643-10	BN033523.D	08/21/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3643-02MS		**Client Sample ID: 932-K1-SD-0-0.5-081524MS**						**DataFile: BN033531.D**			
n-Nitrosodimethylamine	24.5		23.1	ug/Kg	94				19	144	
bis(2-Chloroethyl)ether	24.5		23.5	ug/Kg	96				43	134	
Naphthalene	24.5		22.7	ug/Kg	93				37	129	
Hexachlorobutadiene	24.5		21.6	ug/Kg	88				37	132	
2-Methylnaphthalene	24.5		22	ug/Kg	90				37	139	
Acenaphthylene	24.5	1.2	23.3	ug/Kg	90				21	147	
Acenaphthene	24.5		22.1	ug/Kg	90				19	141	
Total PAH	392	98	462.6	ug/Kg	118				19	141	
Fluorene	24.5	1.4	21.7	ug/Kg	83				10	167	
4,6-Dinitro-2-methylphenol	24.5		17.7	ug/Kg	72				20	150	
4-Bromophenyl-phenylether	24.5		22	ug/Kg	90				20	150	
Hexachlorobenzene	24.5		22.2	ug/Kg	91				43	132	
Atrazine	24.5		20.9	ug/Kg	85				20	150	
Pentachlorophenol	49		27.5	ug/Kg	56				10	146	
Phenanthrene	24.5	8	31.3	ug/Kg	95				27	146	
Anthracene	24.5	0	24.8	ug/Kg	101				12	166	
Fluoranthene	24.5	16.6	38.6	ug/Kg	90				20	150	
Pyrene	24.5	14.4	34.8	ug/Kg	83				10	163	
Benzo(a)anthracene	24.5	7.2	31	ug/Kg	97				10	175	
Chrysene	24.5	10.8	33	ug/Kg	91				32	143	
bis(2-Ethylhexyl)phthalate	24.5	0	24.2	ug/Kg	99				39	159	
Benzo(b)fluoranthene	24.5	12.5	32.8	ug/Kg	83				10	188	
Benzo(k)fluoranthene	24.5	5.1	28.8	ug/Kg	97				42	122	
Benzo(a)pyrene	24.5	8.8	33.1	ug/Kg	99				10	175	
Indeno(1,2,3-cd)pyrene	24.5	5.2	29.8	ug/Kg	100				10	175	
Dibenz(a,h)anthracene	24.5	0	25	ug/Kg	102				10	170	
Benzo(g,h,i)perylene	24.5	6.8	29.8	ug/Kg	94				10	168	
1,4-Dioxane	24.5		19.3	ug/Kg	79				70	130	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3643-03MSD		**Client Sample ID: 932-K1-SD-0-0.5-081524MSD**						**DataFile: BN033532.D**			
n-Nitrosodimethylamine	24.5		21.2	ug/Kg	87		8		19	144	20
bis(2-Chloroethyl)ether	24.5		21.8	ug/Kg	89		8		43	134	20
Naphthalene	24.5		21.7	ug/Kg	89		4		37	129	20
Hexachlorobutadiene	24.5		20.6	ug/Kg	84		5		37	132	20
2-Methylnaphthalene	24.5		20.9	ug/Kg	85		6		37	139	20
Acenaphthylene	24.5	1.2	22.5	ug/Kg	87		3		21	147	20
Acenaphthene	24.5		20.9	ug/Kg	85		6		19	141	20
Total PAH	392	98	437	ug/Kg	111		6		19	141	20
Fluorene	24.5	1.4	20.9	ug/Kg	80		4		10	167	20
4,6-Dinitro-2-methylphenol	24.5		16.6	ug/Kg	68		6		20	150	20
4-Bromophenyl-phenylether	24.5		20.3	ug/Kg	83		8		20	150	20
Hexachlorobenzene	24.5		20.1	ug/Kg	82		10		43	132	20
Atrazine	24.5		20.1	ug/Kg	82		4		20	150	20
Pentachlorophenol	48.9		26.2	ug/Kg	54		4		10	146	20
Phenanthrene	24.5	8	29.3	ug/Kg	87		9		27	146	20
Anthracene	24.5	0	23.4	ug/Kg	96		5		12	166	20
Fluoranthene	24.5	16.6	38	ug/Kg	87		3		20	150	20
Pyrene	24.5	14.4	32.1	ug/Kg	72		14		10	163	20
Benzo(a)anthracene	24.5	7.2	29.3	ug/Kg	90		7		10	175	20
Chrysene	24.5	10.8	31.7	ug/Kg	85		7		32	143	20
bis(2-Ethylhexyl)phthalate	24.5	0	22.4	ug/Kg	91		8		39	159	20
Benzo(b)fluoranthene	24.5	12.5	30.8	ug/Kg	75		10		10	188	20
Benzo(k)fluoranthene	24.5	5.1	26.8	ug/Kg	89		9		42	122	20
Benzo(a)pyrene	24.5	8.8	31.3	ug/Kg	92		7		10	175	20
Indeno(1,2,3-cd)pyrene	24.5	5.2	27.8	ug/Kg	92		8		10	175	20
Dibenz(a,h)anthracene	24.5	0	23.2	ug/Kg	95		7		10	170	20
Benzo(g,h,i)perylene	24.5	6.8	27.3	ug/Kg	84		11		10	168	20
1,4-Dioxane	24.5		18.5	ug/Kg	76		4		70	130	20

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3623-02	TT189D2-HYD-202	BN033510.D	2-Methylnaphthalene-d10	0.4	0.01	2	*	20	139
			Fluoranthene-d10	0.4	0.15	38		30	150
			2-Fluorophenol	0.4	0.01	2	*	10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.27	68		34	132
			2,4,6-Tribromophenol	0.4	0.13	31		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P3623-03	BPOW6-7-HYD-20	BN033511.D	2-Methylnaphthalene-d10	0.4	0.02	5	*	20	139
			Fluoranthene-d10	0.4	0.21	51		30	150
			2-Fluorophenol	0.4	0.01	2	*	10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.30	76		27	123
			2-Fluorobiphenyl	0.4	0.32	81		34	132
			2,4,6-Tribromophenol	0.4	0.24	60		10	131
			Terphenyl-d14	0.4	0.48	120		35	157
P3645-01	914-J-WS-081524	BN033512.D	2-Methylnaphthalene-d10	0.4	0.26	64		20	139
			Fluoranthene-d10	0.4	0.28	70		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.25	61		27	123
			2-Fluorobiphenyl	0.4	0.28	69		34	132
			2,4,6-Tribromophenol	0.4	0.21	53		10	131
			Terphenyl-d14	0.4	0.32	80		35	157
P3645-02	916-J-WS-081524	BN033513.D	2-Methylnaphthalene-d10	0.4	0.27	68		20	139
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.27	68		27	123
			2-Fluorobiphenyl	0.4	0.31	76		34	132
			2,4,6-Tribromophenol	0.4	0.23	57		10	131
			Terphenyl-d14	0.4	0.29	73		35	157
P3646-02	916-J-WPO-0.25-08	BN033514.D	2-Methylnaphthalene-d10	0.4	0.26	65		20	139
			Fluoranthene-d10	0.4	0.30	74		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.25	62		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.24	60		10	131
			Terphenyl-d14	0.4	0.34	85		35	157
PB162787BL	PB162787BL	BN033508.D	2-Methylnaphthalene-d10	0.4	0.30	76		20	139
			Fluoranthene-d10	0.4	0.30	74		30	150
			2-Fluorophenol	0.4	0.26	64		10	100
			Phenol-d6	0.4	0.25	63		10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.34	85		34	132
			2,4,6-Tribromophenol	0.4	0.18	46		10	131
			Terphenyl-d14	0.4	0.34	85		35	157

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3650-01DL	RW7-SP100-20240	BN033521.D	2-Methylnaphthalene-d10	0.4	0.32	80		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.33	82		27	123
			2-Fluorobiphenyl	0.4	0.35	86		34	132
			2,4,6-Tribromophenol	0.4	0.22	56		10	131
			Terphenyl-d14	0.4	0.46	115		35	157

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3662-01	917-J-WPO-0.25-08	BN033517.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.07	19		10	100
			Nitrobenzene-d5	0.4	0.29	72		27	123
			2-Fluorobiphenyl	0.4	0.35	87		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.38	95		35	157
P3666-01	SP-100-70740816	BN033518.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.07	16		10	100
			Nitrobenzene-d5	0.4	0.35	88		27	123
			2-Fluorobiphenyl	0.4	0.38	94		34	132
			2,4,6-Tribromophenol	0.4	0.25	62		10	131
			Terphenyl-d14	0.4	0.59	148		35	157
P3666-02	SP-201-70740816	BN033519.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.10	26		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.33	81		27	123
			2-Fluorobiphenyl	0.4	0.34	85		34	132
			2,4,6-Tribromophenol	0.4	0.22	55		10	131
			Terphenyl-d14	0.4	0.47	117		35	157
P3666-03	SP-303-70740816	BN033520.D	2-Methylnaphthalene-d10	0.4	0.27	67		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.10	24		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.29	72		27	123
			2-Fluorobiphenyl	0.4	0.30	76		34	132
			2,4,6-Tribromophenol	0.4	0.21	52		10	131
			Terphenyl-d14	0.4	0.47	118		35	157
PB162851BL	PB162851BL	BN033509.D	2-Methylnaphthalene-d10	0.4	0.35	86		20	139
			Fluoranthene-d10	0.4	0.34	85		30	150
			2-Fluorophenol	0.4	0.29	73		10	100
			Phenol-d6	0.4	0.29	72		10	100
			Nitrobenzene-d5	0.4	0.35	88		27	123
			2-Fluorobiphenyl	0.4	0.40	100		34	132
			2,4,6-Tribromophenol	0.4	0.21	52		10	131
			Terphenyl-d14	0.4	0.38	96		35	157
PB162851BS	PB162851BS	BN033515.D	2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.29	73		10	100
			Phenol-d6	0.4	0.31	76		10	100
			Nitrobenzene-d5	0.4	0.36	89		27	123
			2-Fluorobiphenyl	0.4	0.39	97		34	132
			2,4,6-Tribromophenol	0.4	0.26	65		10	131
			Terphenyl-d14	0.4	0.32	81		35	157
PB162851BSD	PB162851BSD	BN033516.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162851BSD	PB162851BSD	BN033516.D	Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.29	72		10	100
			Phenol-d6	0.4	0.30	75		10	100
			Nitrobenzene-d5	0.4	0.35	88		27	123
			2-Fluorobiphenyl	0.4	0.38	96		34	132
			2,4,6-Tribromophenol	0.4	0.27	67		10	131
			Terphenyl-d14	0.4	0.35	87		35	157

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162859BL	PB162859BL	BN033527.D	2-Methylnaphthalene-d10	0.4	0.35	88		17	161
			Fluoranthene-d10	0.4	0.36	90		23	138
			2-Fluorophenol	0.4	0.28	71		28	122
			Phenol-d6	0.4	0.28	70		25	125
			Nitrobenzene-d5	0.4	0.36	89		33	121
			2-Fluorobiphenyl	0.4	0.41	101		32	121
			2,4,6-Tribromophenol	0.4	0.19	47		19	110
			Terphenyl-d14	0.4	0.38	95		21	130

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3643-01	932-K1-SD-0-0.5-0	BN033530.D	2-Methylnaphthalene-d10	0.4	0.16	40		17	161
			Fluoranthene-d10	0.4	0.11	28		23	138
			2-Fluorophenol	0.4	0.18	44		28	122
			Phenol-d6	0.4	0.18	44		25	125
			Nitrobenzene-d5	0.4	0.21	51		33	121
			2-Fluorobiphenyl	0.4	0.16	41		32	121
			2,4,6-Tribromophenol	0.4	0.13	32		19	110
			Terphenyl-d14	0.4	0.10	24		21	130
P3643-02MS	932-K1-SD-0-0.5-0	BN033531.D	2-Methylnaphthalene-d10	0.4	0.25	63		17	161
			Fluoranthene-d10	0.4	0.11	28		23	138
			2-Fluorophenol	0.4	0.18	44		28	122
			Phenol-d6	0.4	0.17	43		25	125
			Nitrobenzene-d5	0.4	0.21	51		33	121
			2-Fluorobiphenyl	0.4	0.16	40		32	121
			2,4,6-Tribromophenol	0.4	0.12	31		19	110
			Terphenyl-d14	0.4	0.09	23		21	130
P3643-03MSD	932-K1-SD-0-0.5-0	BN033532.D	2-Methylnaphthalene-d10	0.4	0.24	60		17	161
			Fluoranthene-d10	0.4	0.11	28		23	138
			2-Fluorophenol	0.4	0.17	41		28	122
			Phenol-d6	0.4	0.16	41		25	125
			Nitrobenzene-d5	0.4	0.19	49		33	121
			2-Fluorobiphenyl	0.4	0.15	38		32	121
			2,4,6-Tribromophenol	0.4	0.13	31		19	110
			Terphenyl-d14	0.4	0.09	22		21	130
P3643-04	932-K1-SD-0.5-1.0-	BN033528.D	2-Methylnaphthalene-d10	0.4	0.16	40		17	161
			Fluoranthene-d10	0.4	0.15	38		23	138
			2-Fluorophenol	0.4	0.14	35		28	122
			Phenol-d6	0.4	0.15	37		25	125
			Nitrobenzene-d5	0.4	0.18	44		33	121
			2-Fluorobiphenyl	0.4	0.18	45		32	121
			2,4,6-Tribromophenol	0.4	0.12	29		19	110
			Terphenyl-d14	0.4	0.14	34		21	130
P3643-05	917-J-SD-0-0.5-081	BN033533.D	2-Methylnaphthalene-d10	0.4	0.14	34		17	161
			Fluoranthene-d10	0.4	0.12	30		23	138
			2-Fluorophenol	0.4	0.15	36		28	122
			Phenol-d6	0.4	0.15	37		25	125
			Nitrobenzene-d5	0.4	0.16	40		33	121
			2-Fluorobiphenyl	0.4	0.14	36		32	121
			2,4,6-Tribromophenol	0.4	0.11	27		19	110
			Terphenyl-d14	0.4	0.10	25		21	130
P3643-08	918-J-SD-0.5-1.0-0	BN033529.D	2-Methylnaphthalene-d10	0.4	0.15	38		17	161
			Fluoranthene-d10	0.4	0.15	38		23	138
			2-Fluorophenol	0.4	0.13	33		28	122
			Phenol-d6	0.4	0.13	33		25	125
			Nitrobenzene-d5	0.4	0.16	39		33	121
			2-Fluorobiphenyl	0.4	0.17	42		32	121
			2,4,6-Tribromophenol	0.4	0.08	19		19	110
			Terphenyl-d14	0.4	0.14	36		21	130
P3643-09	924-K1-SD-0-0.5-0	BN033522.D	2-Methylnaphthalene-d10	0.4	0.14	34		17	161

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Surrogate Summary

SW-846

SDG No.: BN082024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3643-09	924-K1-SD-0-0.5-0	BN033522.D	Fluoranthene-d10	0.4	0.11	28		23	138
			2-Fluorophenol	0.4	0.12	30		28	122
			Phenol-d6	0.4	0.13	31		25	125
			Nitrobenzene-d5	0.4	0.14	36		33	121
			2-Fluorobiphenyl	0.4	0.14	36		32	121
			2,4,6-Tribromophenol	0.4	0.10	26		19	110
			Terphenyl-d14	0.4	0.13	31		21	130
P3643-10	924-K1-SD-0.5-1.0	BN033523.D	2-Methylnaphthalene-d10	0.4	0.11	27		17	161
			Fluoranthene-d10	0.4	0.11	28		23	138
			2-Fluorophenol	0.4	0.10	24	*	28	122
			Phenol-d6	0.4	0.10	24	*	25	125
			Nitrobenzene-d5	0.4	0.12	29	*	33	121
			2-Fluorobiphenyl	0.4	0.12	31	*	32	121
			2,4,6-Tribromophenol	0.4	0.07	19		19	110
			Terphenyl-d14	0.4	0.10	25		21	130
P3643-11	921-J-SD-0-0.5-081	BN033534.D	2-Methylnaphthalene-d10	0.4	0.21	52		17	161
			Fluoranthene-d10	0.4	0.21	52		23	138
			2-Fluorophenol	0.4	0.23	56		28	122
			Phenol-d6	0.4	0.20	49		25	125
			Nitrobenzene-d5	0.4	0.21	53		33	121
			2-Fluorobiphenyl	0.4	0.22	56		32	121
			2,4,6-Tribromophenol	0.4	0.16	40		19	110
			Terphenyl-d14	0.4	0.18	44		21	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN082024

Lab Code: CHEM SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033506.D DFTPP Injection Date: 08/20/2024

Instrument ID: BNA_N DFTPP Injection Time: 15:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	71.7
443	15.0 - 24.0% of mass 442	13.2 (18.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033507.D	08/20/2024	15:51
PB162787BL	PB162787BL	BN033508.D	08/20/2024	16:28
PB162851BL	PB162851BL	BN033509.D	08/20/2024	17:04
TT189D2-HYD-20240813	P3623-02	BN033510.D	08/20/2024	17:39
BPOW6-7-HYD-20240814	P3623-03	BN033511.D	08/20/2024	18:16
914-J-WS-081524	P3645-01	BN033512.D	08/20/2024	18:52
916-J-WS-081524	P3645-02	BN033513.D	08/20/2024	19:28
916-J-WPO-0.25-081524	P3646-02	BN033514.D	08/20/2024	20:04
PB162851BS	PB162851BS	BN033515.D	08/20/2024	20:40
PB162851BSD	PB162851BSD	BN033516.D	08/20/2024	21:17
917-J-WPO-0.25-081624	P3662-01	BN033517.D	08/20/2024	21:53
SP-100-70740816	P3666-01	BN033518.D	08/20/2024	22:29
SP-201-70740816	P3666-02	BN033519.D	08/20/2024	23:06
SP-303-70740816	P3666-03	BN033520.D	08/20/2024	23:42
RW7-SP100-20240814DL	P3650-01DL	BN033521.D	08/21/2024	00:18
924-K1-SD-0-0.5-081524	P3643-09	BN033522.D	08/21/2024	00:54
924-K1-SD-0.5-1.0-081524	P3643-10	BN033523.D	08/21/2024	01:30
SSTDCCC0.4EC	SSTDCCC0.4	BN033524.D	08/21/2024	02:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN082024

Lab Code: CHEM SAS No.: BN082024 SDG NO.: BN082024

Lab File ID: BN033525.D DFTPP Injection Date: 08/21/2024

Instrument ID: BNA_N DFTPP Injection Time: 03:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.5
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	7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	67.9
443	15.0 - 24.0% of mass 442	11.7 (17.2) 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	BN033526.D	08/21/2024	04:38
PB162859BL	PB162859BL	BN033527.D	08/21/2024	05:14
932-K1-SD-0.5-1.0-081524	P3643-04	BN033528.D	08/21/2024	05:50
918-J-SD-0.5-1.0-081524	P3643-08	BN033529.D	08/21/2024	06:26
932-K1-SD-0-0.5-081524	P3643-01	BN033530.D	08/21/2024	07:03
932-K1-SD-0-0.5-081524MS	P3643-02MS	BN033531.D	08/21/2024	07:39
932-K1-SD-0-0.5-081524MSD	P3643-03MSD	BN033532.D	08/21/2024	08:15
917-J-SD-0-0.5-081524	P3643-05	BN033533.D	08/21/2024	08:51
921-J-SD-0-0.5-081524	P3643-11	BN033534.D	08/21/2024	09:27