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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG No.: BN101024

Instrument ID: BNA_N Calibration Date/Time: 10/10/2024 1 12:42

Lab File ID: BN034517.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	0.591	0.551		-6.768	20.0
Fluoranthene-d10	1.009	1.014		0.496	20.0
n-Nitrosodimethylamine	0.569	0.417		-26.714	20.0
2-Fluorophenol	1.135	1.047		-7.753	20.0
Phenol-d6	1.320	1.098		-16.818	20.0
bis(2-Chloroethyl)ether	1.168	0.992		-15.068	20.0
Nitrobenzene-d5	0.306	0.261		-14.706	20.0
Naphthalene	1.098	1.020		-7.104	20.0
Hexachlorobutadiene	0.207	0.225		8.696	20.0
2-Methylnaphthalene	0.714	0.649		-9.104	20.0
2-Fluorobiphenyl	1.627	1.375		-15.489	20.0
Acenaphthylene	1.712	1.554		-9.229	20.0
Acenaphthene	1.228	1.135		-7.573	20.0
Fluorene	1.612	1.428		-11.414	20.0
4,6-Dinitro-2-methylphenol	0.057	0.006		-89.474	20.0
2,4,6-Tribromophenol	0.181	0.184		1.657	20.0
4-Bromophenyl-phenylether	0.225	0.214		-4.889	20.0
Hexachlorobenzene	0.252	0.292		15.873	20.0
Atrazine	0.186	0.173		-6.989	20.0
Pentachlorophenol	0.083	0.113		36.145	20.0
Phenanthrene	1.149	1.051		-8.529	20.0
Anthracene	0.937	0.869		-7.257	20.0
Fluoranthene	1.331	1.296		-2.63	20.0
Pyrene	1.688	2.230		32.109	20.0
Terphenyl-d14	0.799	1.074		34.418	20.0
Benzo(a)anthracene	1.265	0.164		-87.036	20.0
Chrysene	1.510	2.149		42.318	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	20.0
Benzo(b)fluoranthene	1.567	1.324		-15.507	20.0
Benzo(k)fluoranthene	1.645	1.474		-10.395	20.0
Benzo(a)pyrene	1.277	1.171		-8.301	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.610		-6.068	20.0
Dibenzo(a,h)anthracene	1.331	1.244		-6.536	20.0
Benzo(g,h,i)perylene	1.495	1.414		-5.418	20.0
1,4-Dioxane	0.500	0.461		-7.8	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG No.: BN101024

Instrument ID: BNA_N Calibration Date/Time: 10/10/2024 1 22:55

Lab File ID: BN034534.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	0.591	0.531		-10.152	50.0
Fluoranthene-d10	1.009	0.965		-4.361	50.0
n-Nitrosodimethylamine	0.569	0.429		-24.605	50.0
2-Fluorophenol	1.135	0.953		-16.035	50.0
Phenol-d6	1.320	0.993		-24.773	50.0
bis(2-Chloroethyl)ether	1.168	0.972		-16.781	50.0
Nitrobenzene-d5	0.306	0.242		-20.915	50.0
Naphthalene	1.098	1.001		-8.834	50.0
Hexachlorobutadiene	0.207	0.223		7.729	50.0
2-Methylnaphthalene	0.714	0.639		-10.504	50.0
2-Fluorobiphenyl	1.627	1.302		-19.975	50.0
Acenaphthylene	1.712	1.497		-12.558	50.0
Acenaphthene	1.228	1.097		-10.668	50.0
Fluorene	1.612	1.426		-11.538	50.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	50.0
2,4,6-Tribromophenol	0.181	0.162		-10.497	50.0
4-Bromophenyl-phenylether	0.225	0.208		-7.556	50.0
Hexachlorobenzene	0.252	0.281		11.508	50.0
Atrazine	0.186	0.160		-13.978	50.0
Pentachlorophenol	0.083	0.087		4.819	50.0
Phenanthrene	1.149	1.057		-8.007	50.0
Anthracene	0.937	0.858		-8.431	50.0
Fluoranthene	1.331	1.284		-3.531	50.0
Pyrene	1.688	2.331		38.092	50.0
Terphenyl-d14	0.799	1.041		30.288	50.0
Benzo(a)anthracene	1.265	0.214		-83.083	50.0
Chrysene	1.510	2.211		46.424	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	50.0
Benzo(b)fluoranthene	1.567	1.332		-14.997	50.0
Benzo(k)fluoranthene	1.645	1.486		-9.666	50.0
Benzo(a)pyrene	1.277	1.149		-10.023	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.555		-9.277	50.0
Dibenzo(a,h)anthracene	1.331	1.200		-9.842	50.0
Benzo(g,h,i)perylene	1.495	1.423		-4.816	50.0
1,4-Dioxane	0.500	0.451		-9.8	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG No.: BN101024

Instrument ID: BNA_N Calibration Date/Time: 10/11/2024 1 01:26

Lab File ID: BN034536.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	0.591	0.558		-5.584	20.0
Fluoranthene-d10	1.009	0.960		-4.856	20.0
n-Nitrosodimethylamine	0.569	0.430		-24.429	20.0
2-Fluorophenol	1.135	1.023		-9.868	20.0
Phenol-d6	1.320	1.128		-14.545	20.0
bis(2-Chloroethyl)ether	1.168	0.884		-24.315	20.0
Nitrobenzene-d5	0.306	0.258		-15.686	20.0
Naphthalene	1.098	1.022		-6.922	20.0
Hexachlorobutadiene	0.207	0.231		11.594	20.0
2-Methylnaphthalene	0.714	0.642		-10.084	20.0
2-Fluorobiphenyl	1.627	1.369		-15.857	20.0
Acenaphthylene	1.712	1.511		-11.741	20.0
Acenaphthene	1.228	1.111		-9.528	20.0
Fluorene	1.612	1.457		-9.615	20.0
4,6-Dinitro-2-methylphenol	0.057	0.006		-89.474	20.0
2,4,6-Tribromophenol	0.181	0.184		1.657	20.0
4-Bromophenyl-phenylether	0.225	0.212		-5.778	20.0
Hexachlorobenzene	0.252	0.293		16.27	20.0
Atrazine	0.186	0.163		-12.366	20.0
Pentachlorophenol	0.083	0.086		3.614	20.0
Phenanthrene	1.149	1.073		-6.614	20.0
Anthracene	0.937	0.842		-10.139	20.0
Fluoranthene	1.331	1.224		-8.039	20.0
Pyrene	1.688	3.218		90.64	20.0
Terphenyl-d14	0.799	1.598		100.0	20.0
Benzo(a)anthracene	1.265	0.255		-79.842	20.0
Chrysene	1.510	2.664		76.424	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.000		-100.0	20.0
Benzo(b)fluoranthene	1.567	1.389		-11.359	20.0
Benzo(k)fluoranthene	1.645	1.593		-3.161	20.0
Benzo(a)pyrene	1.277	1.188		-6.969	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.639		-4.376	20.0
Dibenzo(a,h)anthracene	1.331	1.269		-4.658	20.0
Benzo(g,h,i)perylene	1.495	1.508		0.87	20.0
1,4-Dioxane	0.500	0.437		-12.6	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BL			SDG No.:	BN101024
Lab Sample ID:	PB163828BL			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
BN034518.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

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:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BL			SDG No.:	BN101024
Lab Sample ID:	PB163828BL			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
BN034518.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.338		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.378		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.335		10-100		84	SPK: -0.4
13127-88-3	Phenol-d6	0.201		10-100		50	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.271		27-123		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.298		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.159		10-131		40	SPK: -0.4
1718-51-0	Terphenyl-d14	0.57		35-157		142	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4716	7.373				
1146-65-2	Naphthalene-d8	12767	10.137				
15067-26-2	Acenaphthene-d10	7174	14.03				
1517-22-2	Phenanthrene-d10	13270	16.784				
1719-03-5	Chrysene-d12	7659	21.008				
1520-96-3	Perylene-d12	11191	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-01			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
BN034519.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	4.2		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-01			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
BN034519.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.323		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.412		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.101		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.036	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.247		27-123		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.277		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	0.62		35-157		155	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4083	7.373				
1146-65-2	Naphthalene-d8	11213	10.137				
15067-26-2	Acenaphthene-d10	6506	14.019				
1517-22-2	Phenanthrene-d10	12362	16.784				
1719-03-5	Chrysene-d12	7593	21.008				
1520-96-3	Perylene-d12	10565	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930MS			SDG No.:	BN101024
Lab Sample ID:	P4263-02MS			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
BN034520.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.13	J	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	0.44		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.44		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.44		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.78		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.41		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.46		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.5		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.43		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.54		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.5		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.5		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.48		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.78		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.07	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.79		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	0.43		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.51		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.52		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.52		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		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:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930MS			SDG No.:	BN101024
Lab Sample ID:	P4263-02MS			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
BN034520.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.404		20-139		101	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.426		30-150		106	SPK: -0.4
367-12-4	2-Fluorophenol	0.212		10-100		53	SPK: -0.4
13127-88-3	Phenol-d6	0.109		10-100		27	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.34		27-123		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.326		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.33		10-131		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.731	*	35-157		183	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4264	7.373				
1146-65-2	Naphthalene-d8	12050	10.127				
15067-26-2	Acenaphthene-d10	6663	14.019				
1517-22-2	Phenanthrene-d10	12138	16.783				
1719-03-5	Chrysene-d12	6302	21.008				
1520-96-3	Perylene-d12	10112	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930MSD			SDG No.:	BN101024
Lab Sample ID:	P4263-03MSD			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
BN034521.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.12	J	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	0.42		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.37		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.43		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.42		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.4		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.43		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.48		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.41		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.53		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.48		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.48		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.65		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.07	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.71		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	0.42		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.46		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.49		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.51		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.51		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	4.4		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D1-20240930MSD			SDG No.:	BN101024
Lab Sample ID:	P4263-03MSD			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
BN034521.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.386		20-139		97	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.43		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.201		10-100		50	SPK: -0.4
13127-88-3	Phenol-d6	0.103		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.315		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.316		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.325		10-131		81	SPK: -0.4
1718-51-0	Terphenyl-d14	0.605		35-157		151	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4592	7.373				
1146-65-2	Naphthalene-d8	12539	10.127				
15067-26-2	Acenaphthene-d10	6820	14.015				
1517-22-2	Phenanthrene-d10	12642	16.778				
1719-03-5	Chrysene-d12	8052	21.006				
1520-96-3	Perylene-d12	12411	23.114				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D2-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	940	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
BN034522.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.1	U	0.1	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	6.9	E	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE115D2-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	940	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
BN034522.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.297		20-139		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.419		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.175		10-100		44	SPK: -0.4
13127-88-3	Phenol-d6	0.067		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.236		27-123		59	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.275		34-132		69	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.253		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.507		35-157		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4464	7.373				
1146-65-2	Naphthalene-d8	11897	10.127				
15067-26-2	Acenaphthene-d10	6686	14.026				
1517-22-2	Phenanthrene-d10	12201	16.79				
1719-03-5	Chrysene-d12	9237	21.015				
1520-96-3	Perylene-d12	11306	23.119				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE114D1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-05			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
BN034523.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.04	J	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	3.4		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE114D1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-05			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
BN034523.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.289		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.371		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.109		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.041		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.216		27-123		54	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.257		34-132		64	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.25		10-131		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.564		35-157		141	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4547	7.373				
1146-65-2	Naphthalene-d8	12709	10.127				
15067-26-2	Acenaphthene-d10	7204	14.019				
1517-22-2	Phenanthrene-d10	13646	16.783				
1719-03-5	Chrysene-d12	8251	21.008				
1520-96-3	Perylene-d12	11639	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE114D2-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-06			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
BN034524.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	3.9		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE114D2-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-06			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
BN034524.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.354		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.418		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.134		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.042		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.263		27-123		66	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.32		34-132		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.297		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.721	*	35-157		180	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4252	7.373				
1146-65-2	Naphthalene-d8	12054	10.127				
15067-26-2	Acenaphthene-d10	6850	14.019				
1517-22-2	Phenanthrene-d10	13020	16.784				
1719-03-5	Chrysene-d12	7655	21.008				
1520-96-3	Perylene-d12	10465	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TT188S1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	930	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
BN034525.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	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	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.02	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	0.22	0.22	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	0.15	J	0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TT188S1-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-07			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	930	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
BN034525.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.332		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.41		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.161		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.082		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.272		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	0.294		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.613		35-157		153	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4207	7.373				
1146-65-2	Naphthalene-d8	11561	10.127				
15067-26-2	Acenaphthene-d10	6606	14.026				
1517-22-2	Phenanthrene-d10	12259	16.79				
1719-03-5	Chrysene-d12	7970	21.006				
1520-96-3	Perylene-d12	10230	23.117				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DUP11-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-08			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
BN034526.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	2.7		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	DUP11-20240930			SDG No.:	BN101024
Lab Sample ID:	P4263-08			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
BN034526.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.301		20-139		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.402		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.169		10-100		42	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.215		27-123		54	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.263		34-132		66	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.281		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.657	*	35-157		164	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4598	7.373				
1146-65-2	Naphthalene-d8	12965	10.137				
15067-26-2	Acenaphthene-d10	7649	14.019				
1517-22-2	Phenanthrene-d10	14591	16.784				
1719-03-5	Chrysene-d12	8330	21.008				
1520-96-3	Perylene-d12	10743	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EB04-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-09			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
BN034527.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	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	0.15	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	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EB04-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-09			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
BN034527.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.411		30-150		103	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.054		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.258		27-123		64	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.296		34-132		74	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.273		10-131		68	SPK: -0.4
1718-51-0	Terphenyl-d14	0.55		35-157		138	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4333	7.373				
1146-65-2	Naphthalene-d8	11948	10.127				
15067-26-2	Acenaphthene-d10	6655	14.019				
1517-22-2	Phenanthrene-d10	12408	16.783				
1719-03-5	Chrysene-d12	8167	21.008				
1520-96-3	Perylene-d12	10036	23.119				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE123D1-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-10			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
BN034528.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.06	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	0.12		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	0.08	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.61		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RE123D1-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-10			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
BN034528.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.342		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.478		30-150		119	SPK: -0.4
367-12-4	2-Fluorophenol	0.106		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.038	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.233		27-123		58	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.387		10-131		97	SPK: -0.4
1718-51-0	Terphenyl-d14	0.639	*	35-157		160	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4220	7.373				
1146-65-2	Naphthalene-d8	11964	10.127				
15067-26-2	Acenaphthene-d10	7259	14.015				
1517-22-2	Phenanthrene-d10	14678	16.778				
1719-03-5	Chrysene-d12	9374	21.006				
1520-96-3	Perylene-d12	14874	23.111				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RW10-MW01S-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-11			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
BN034529.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RW10-MW01S-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-11			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
BN034529.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.315		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.42		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.117		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.049		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.248		27-123		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.28		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.304		10-131		76	SPK: -0.4
1718-51-0	Terphenyl-d14	0.612		35-157		153	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4201	7.373				
1146-65-2	Naphthalene-d8	12032	10.137				
15067-26-2	Acenaphthene-d10	7050	14.019				
1517-22-2	Phenanthrene-d10	13236	16.784				
1719-03-5	Chrysene-d12	7841	21.008				
1520-96-3	Perylene-d12	11076	23.116				

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TT162S1-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-12			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	940	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
BN034530.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

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	0.1	U	0.1	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	0.26		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TT162S1-20241001			SDG No.:	BN101024
Lab Sample ID:	P4263-12			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	940	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
BN034530.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.326		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.42		30-150		105	SPK: -0.4
367-12-4	2-Fluorophenol	0.116		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.045		10-100		11	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.259		27-123		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.299		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.249		10-131		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.577		35-157		144	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4173	7.373				
1146-65-2	Naphthalene-d8	11230	10.137				
15067-26-2	Acenaphthene-d10	6541	14.019				
1517-22-2	Phenanthrene-d10	12618	16.784				
1719-03-5	Chrysene-d12	8198	21.008				
1520-96-3	Perylene-d12	11902	23.116				

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Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	BPOW6-11-HYD-20241001	SDG No.:	BN101024
Lab Sample ID:	P4267-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034531.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	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	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	BPOW6-11-HYD-20241001			SDG No.:	BN101024
Lab Sample ID:	P4267-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	890	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034531.D	1	10/2/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163839

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.065	*	20-139		16	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.388		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.12		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.269		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.325		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.282		10-131		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.696	*	35-157		174	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4451	7.373				
1146-65-2	Naphthalene-d8	12349	10.127				
15067-26-2	Acenaphthene-d10	7093	14.026				
1517-22-2	Phenanthrene-d10	13408	16.79				
1719-03-5	Chrysene-d12	8009	21.006				
1520-96-3	Perylene-d12	9425	23.113				

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BS			SDG No.:	BN101024
Lab Sample ID:	PB163828BS			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
BN034532.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.3		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.29		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		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	0.36		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	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.47		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.35		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.42		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		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	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.61		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.08	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.53		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	0.34		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	0.41		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.45		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BS			SDG No.:	BN101024
Lab Sample ID:	PB163828BS			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
BN034532.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.504		20-139		126	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.347		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.319		10-100		80	SPK: -0.4
13127-88-3	Phenol-d6	0.263		10-100		66	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.321		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.336		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.285		10-131		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.673	*	35-157		168	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5380	7.373				
1146-65-2	Naphthalene-d8	15055	10.127				
15067-26-2	Acenaphthene-d10	8011	14.019				
1517-22-2	Phenanthrene-d10	14993	16.783				
1719-03-5	Chrysene-d12	6346	21.008				
1520-96-3	Perylene-d12	8226	23.119				

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BSD			SDG No.:	BN101024
Lab Sample ID:	PB163828BSD			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
BN034533.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.26		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.33		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.4		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.28		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	22.18		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.45		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	0.4		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.5		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	0.99		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.29		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.25		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.29		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.06	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.55		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	4.2		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.8		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	1.7		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.6		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.6		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	3		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/1/2024 12:00:00 AM
Project:				Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163828BSD			SDG No.:	BN101024
Lab Sample ID:	PB163828BSD			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
BN034533.D	1	10/1/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.354		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.252		30-150		63	SPK: -0.4
367-12-4	2-Fluorophenol	0.324		10-100		81	SPK: -0.4
13127-88-3	Phenol-d6	0.238		10-100		60	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.321		27-123		80	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.482		34-132		120	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.466		10-131		116	SPK: -0.4
1718-51-0	Terphenyl-d14	1.059	*	35-157		265	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5729	7.373				
1146-65-2	Naphthalene-d8	16345	10.127				
15067-26-2	Acenaphthene-d10	6026	14.015				
1517-22-2	Phenanthrene-d10	14532	16.778				
1719-03-5	Chrysene-d12	4039	21.006				
1520-96-3	Perylene-d12	352	23.117				

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Report of Analysis

Client:				Date Collected:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BL			SDG No.:	BN101024
Lab Sample ID:	PB163903BL			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
BN034537.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

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:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BL			SDG No.:	BN101024
Lab Sample ID:	PB163903BL			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
BN034537.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.361		20-139		90	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.374		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.346		10-100		86	SPK: -0.4
13127-88-3	Phenol-d6	0.27		10-100		68	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.337		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.234		10-131		58	SPK: -0.4
1718-51-0	Terphenyl-d14	0.461		35-157		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3859	7.38				
1146-65-2	Naphthalene-d8	10903	10.148				
15067-26-2	Acenaphthene-d10	6019	14.03				
1517-22-2	Phenanthrene-d10	10284	16.808				
1719-03-5	Chrysene-d12	6672	21.017				
1520-96-3	Perylene-d12	8124	23.119				

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Report of Analysis

Client:				Date Collected:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BS			SDG No.:	BN101024
Lab Sample ID:	PB163903BS			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
BN034538.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.43		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		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	0.36		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.1		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.48		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	0.61		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.35		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.58		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.09	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.59		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	0.32		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	0.4		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.31		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BS			SDG No.:	BN101024
Lab Sample ID:	PB163903BS			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
BN034538.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.412		20-139		103	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.349		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.309		10-100		77	SPK: -0.4
13127-88-3	Phenol-d6	0.242		10-100		60	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.309		27-123		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.336		34-132		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.295		10-131		74	SPK: -0.4
1718-51-0	Terphenyl-d14	0.616		35-157		154	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4532	7.372				
1146-65-2	Naphthalene-d8	12434	10.126				
15067-26-2	Acenaphthene-d10	6623	14.019				
1517-22-2	Phenanthrene-d10	12489	16.783				
1719-03-5	Chrysene-d12	5675	21.008				
1520-96-3	Perylene-d12	7797	23.115				

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Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	BP-TT189D2-GW-20240926	SDG No.:	BN101024
Lab Sample ID:	P4241-02	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
BN034539.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.7	E	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	BP-TT189D2-GW-20240926			SDG No.:	BN101024
Lab Sample ID:	P4241-02			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
BN034539.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.307		20-139		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.366		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.09		10-100		23	SPK: -0.4
13127-88-3	Phenol-d6	0.036	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.245		27-123		61	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.234		10-131		58	SPK: -0.4
1718-51-0	Terphenyl-d14	0.575		35-157		144	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3693	7.373				
1146-65-2	Naphthalene-d8	10532	10.137				
15067-26-2	Acenaphthene-d10	6110	14.03				
1517-22-2	Phenanthrene-d10	11661	16.783				
1719-03-5	Chrysene-d12	7236	21.008				
1520-96-3	Perylene-d12	9224	23.113				

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	BP-TT189D1-GW-20240927			SDG No.:	BN101024
Lab Sample ID:	P4241-03			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
BN034540.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163828

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	0.04	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	5		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	BP-TT189D1-GW-20240927			SDG No.:	BN101024
Lab Sample ID:	P4241-03			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
BN034540.D	1	10/1/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.313		20-139		78	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.396		30-150		99	SPK: -0.4
367-12-4	2-Fluorophenol	0.104		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.032	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.238		27-123		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.293		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.229		10-131		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.651	*	35-157		163	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4059	7.373				
1146-65-2	Naphthalene-d8	10555	10.137				
15067-26-2	Acenaphthene-d10	6182	14.026				
1517-22-2	Phenanthrene-d10	11706	16.791				
1719-03-5	Chrysene-d12	8588	21.006				
1520-96-3	Perylene-d12	10546	23.111				

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Report of Analysis

Client:				Date Collected:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BSD			SDG No.:	BN101024
Lab Sample ID:	PB163903BSD			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
BN034541.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.31		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.28		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.41		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.33		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.47		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.32		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.6		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.35		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.61		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.09	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.53		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	0.33		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/4/2024 12:00:00 AM
Project:				Date Received:	10/4/2024 12:00:00 AM
Client Sample ID:	PB163903BSD			SDG No.:	BN101024
Lab Sample ID:	PB163903BSD			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
BN034541.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.511		20-139		128	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.338		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.307		10-100		77	SPK: -0.4
13127-88-3	Phenol-d6	0.243		10-100		61	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.3		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.325		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.288		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.635	*	35-157		159	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4988	7.373				
1146-65-2	Naphthalene-d8	13947	10.127				
15067-26-2	Acenaphthene-d10	7408	14.019				
1517-22-2	Phenanthrene-d10	13856	16.783				
1719-03-5	Chrysene-d12	5816	21.008				
1520-96-3	Perylene-d12	8088	23.113				

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-01			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
BN034542.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

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	5.7	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP100-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-01			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
BN034542.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.29		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.418		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.13		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.269		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.241		10-131		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.845	*	35-157		211	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3962	7.373				
1146-65-2	Naphthalene-d8	11068	10.137				
15067-26-2	Acenaphthene-d10	6379	14.03				
1517-22-2	Phenanthrene-d10	11764	16.784				
1719-03-5	Chrysene-d12	7091	21.008				
1520-96-3	Perylene-d12	9839	23.113				

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034543.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

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:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP201-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034543.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.344		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.432		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.101		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.267		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.331		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.138		10-131		34	SPK: -0.4
1718-51-0	Terphenyl-d14	0.737	*	35-157		184	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4054	7.373				
1146-65-2	Naphthalene-d8	11158	10.127				
15067-26-2	Acenaphthene-d10	6232	14.019				
1517-22-2	Phenanthrene-d10	11826	16.784				
1719-03-5	Chrysene-d12	6910	21.008				
1520-96-3	Perylene-d12	5236	23.119				

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034544.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

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

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP302-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034544.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.356		20-139		89	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.435		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.132		10-100		33	SPK: -0.4
13127-88-3	Phenol-d6	0.055		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.303		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	0.151		10-131		38	SPK: -0.4
1718-51-0	Terphenyl-d14	0.597		35-157		149	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3773	7.373				
1146-65-2	Naphthalene-d8	10742	10.137				
15067-26-2	Acenaphthene-d10	6232	14.026				
1517-22-2	Phenanthrene-d10	11232	16.79				
1719-03-5	Chrysene-d12	8126	21.006				
1520-96-3	Perylene-d12	9006	23.119				

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Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20241002	SDG No.:	BN101024
Lab Sample ID:	P4282-04	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
BN034545.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

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	0.1	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	10/2/2024 12:00:00 AM
Project:				Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	RW7-SP303-20241002			SDG No.:	BN101024
Lab Sample ID:	P4282-04			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
BN034545.D	1	10/4/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163903

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.352		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.435		30-150		109	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.054		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.306		27-123		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.306		34-132		76	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.221		10-131		55	SPK: -0.4
1718-51-0	Terphenyl-d14	0.6		35-157		150	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3686	7.373				
1146-65-2	Naphthalene-d8	10574	10.137				
15067-26-2	Acenaphthene-d10	6142	14.026				
1517-22-2	Phenanthrene-d10	11579	16.791				
1719-03-5	Chrysene-d12	7626	21.006				
1520-96-3	Perylene-d12	9144	23.114				

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT101D-20240924DL			SDG No.:	BN101024
Lab Sample ID:	P4231-01DL			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
BN034546.D	2	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.06	U	0.06	0.41	0.41	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.06	U	0.06	0.21	0.21	ug/L
91-20-3	Naphthalene	0.05	U	0.05	0.21	0.21	ug/L
87-68-3	Hexachlorobutadiene	0.05	U	0.05	0.21	0.21	ug/L
91-57-6	2-Methylnaphthalene	0.06	U	0.06	0.21	0.21	ug/L
208-96-8	Acenaphthylene	0.04	U	0.04	0.21	0.21	ug/L
83-32-9	Acenaphthene	0.04	U	0.04	0.21	0.21	ug/L
Total PAH	Total PAH	0.96	U	0.96	0.21	3.36	ug/L
86-73-7	Fluorene	0.04	U	0.04	0.21	0.21	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.41	0.41	ug/L
101-55-3	4-Bromophenyl-phenylether	0.05	U	0.05	0.21	0.21	ug/L
118-74-1	Hexachlorobenzene	0.06	U	0.06	0.21	0.21	ug/L
1912-24-9	Atrazine	0.05	U	0.05	0.21	0.21	ug/L
87-86-5	Pentachlorophenol	0.19	U	0.19	0.41	0.41	ug/L
85-01-8	Phenanthrene	0.04	U	0.04	0.21	0.21	ug/L
120-12-7	Anthracene	0.05	U	0.05	0.21	0.21	ug/L
206-44-0	Fluoranthene	0.05	U	0.05	0.21	0.21	ug/L
129-00-0	Pyrene	0.05	U	0.05	0.21	0.21	ug/L
56-55-3	Benzo(a)anthracene	0.05	U	0.05	0.21	0.21	ug/L
218-01-9	Chrysene	0.05	U	0.05	0.21	0.21	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.29	U	0.29	0.41	0.41	ug/L
205-99-2	Benzo(b)fluoranthene	0.07	U	0.07	0.21	0.21	ug/L
207-08-9	Benzo(k)fluoranthene	0.07	U	0.07	0.21	0.21	ug/L
50-32-8	Benzo(a)pyrene	0.12	U	0.12	0.21	0.21	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.08	U	0.08	0.21	0.21	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	U	0.08	0.21	0.21	ug/L
191-24-2	Benzo(g,h,i)perylene	0.08	U	0.08	0.21	0.21	ug/L
123-91-1	1,4-Dioxane	5.6	D	0.14	0.41	0.41	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT101D-20240924DL			SDG No.:	BN101024
Lab Sample ID:	P4231-01DL			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
BN034546.D	2	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

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	0.332		30-150		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.102		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.038	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.22		27-123		55	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.292		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.2		10-131		50	SPK: -0.4
1718-51-0	Terphenyl-d14	0.532		35-157		133	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3893	7.373				
1146-65-2	Naphthalene-d8	11437	10.137				
15067-26-2	Acenaphthene-d10	6850	14.03				
1517-22-2	Phenanthrene-d10	12995	16.783				
1719-03-5	Chrysene-d12	7759	21.008				
1520-96-3	Perylene-d12	9721	23.116				

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Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT101D1-20240924DL	SDG No.:	BN101024
Lab Sample ID:	P4231-02DL	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
BN034547.D	2	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

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	5.3	D	0.14	0.4	0.4	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TT101D1-20240924DL			SDG No.:	BN101024
Lab Sample ID:	P4231-02DL			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
BN034547.D	2	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.34		20-139		85	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.404		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.118		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.028	*	10-100		7	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.28		27-123		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.346		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.228		10-131		57	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	3856	7.373				
1146-65-2	Naphthalene-d8	10257	10.137				
15067-26-2	Acenaphthene-d10	6223	14.026				
1517-22-2	Phenanthrene-d10	11665	16.79				
1719-03-5	Chrysene-d12	8777	21.015				
1520-96-3	Perylene-d12	9615	23.119				

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	RW10A-MW01I-20240926RE			SDG No.:	BN101024
Lab Sample ID:	P4231-04RE			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
BN034548.D	1	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

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:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	RW10A-MW01I-20240926RE			SDG No.:	BN101024
Lab Sample ID:	P4231-04RE			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
BN034548.D	1	9/30/2024 12:00:00 AM	10/11/2024 12:00:00 AM	PB163804

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.336		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.433		30-150		108	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.288		27-123		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.366		34-132		91	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.286		10-131		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.635	*	35-157		159	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3674	7.373				
1146-65-2	Naphthalene-d8	10462	10.137				
15067-26-2	Acenaphthene-d10	5994	14.019				
1517-22-2	Phenanthrene-d10	11026	16.783				
1719-03-5	Chrysene-d12	6969	21.008				
1520-96-3	Perylene-d12	9347	23.116				

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Hit Summary Sheet
SW-846

SDG No.: BN101024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TT101D-20240924DL								
P4231-01DL	TT101D-20240924DL	Water	1,4-Dioxane	5.600	D	0.14	0.41	ug/L
			Total Svoc :	**5.60**				
			Total Concentration:	**5.60**				
Client ID : TT101D1-20240924DL								
P4231-02DL	TT101D1-20240924DL	Water	1,4-Dioxane	5.300	D	0.14	0.4	ug/L
			Total Svoc :	**5.30**				
			Total Concentration:	**5.30**				
Client ID : BP-TT189D2-GW-20240926								
P4241-02	BP-TT189D2-GW-20240	Water	1,4-Dioxane	5.700	E	0.07	0.21	ug/L
			Total Svoc :	**5.70**				
			Total Concentration:	**5.70**				
Client ID : BP-TT189D1-GW-20240927								
P4241-03	BP-TT189D1-GW-20240	Water	1,4-Dioxane	5.000		0.07	0.2	ug/L
P4241-03	BP-TT189D1-GW-20240	Water	bis(2-Chloroethyl)ether	0.040	J	0.03	0.1	ug/L
			Total Svoc :	**5.04**				
			Total Concentration:	**5.04**				
Client ID : RE115D1-20240930								
P4263-01	RE115D1-20240930	Water	1,4-Dioxane	4.200		0.07	0.2	ug/L
			Total Svoc :	**4.20**				
			Total Concentration:	**4.20**				
Client ID : RE115D2-20240930								
P4263-04	RE115D2-20240930	Water	1,4-Dioxane	6.900	E	0.07	0.21	ug/L
			Total Svoc :	**6.90**				
			Total Concentration:	**6.90**				
Client ID : RE114D1-20240930								
P4263-05	RE114D1-20240930	Water	1,4-Dioxane	3.400		0.07	0.21	ug/L
P4263-05	RE114D1-20240930	Water	bis(2-Chloroethyl)ether	0.040	J	0.03	0.11	ug/L
			Total Svoc :	**3.44**				
			Total Concentration:	**3.44**				
Client ID : RE114D2-20240930								
P4263-06	RE114D2-20240930	Water	1,4-Dioxane	3.900		0.07	0.21	ug/L
			Total Svoc :	**3.90**				
			Total Concentration:	**3.90**				
Client ID : TT188S1-20240930								

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Hit Summary Sheet
SW-846

SDG No.: BN101024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4263-07	TT188S1-20240930	Water	1,4-Dioxane	0.150	J	0.07	0.22	ug/L
			Total Svoc :	**0.15**				
			Total Concentration:	**0.15**				
Client ID :	**DUP11-20240930**							
P4263-08	DUP11-20240930	Water	1,4-Dioxane	2.700		0.07	0.2	ug/L
			Total Svoc :	**2.70**				
			Total Concentration:	**2.70**				
Client ID :	**EB04-20241001**							
P4263-09	EB04-20241001	Water	Naphthalene	0.030	J	0.03	0.1	ug/L
			Total Svoc :	**0.03**				
			Total Concentration:	**0.03**				
Client ID :	**RE123D1-20241001**							
P4263-10	RE123D1-20241001	Water	1,4-Dioxane	0.610		0.07	0.2	ug/L
P4263-10	RE123D1-20241001	Water	2-Methylnaphthalene	0.120		0.03	0.1	ug/L
P4263-10	RE123D1-20241001	Water	Naphthalene	0.060	J	0.02	0.1	ug/L
P4263-10	RE123D1-20241001	Water	Pyrene	0.080	J	0.02	0.1	ug/L
			Total Svoc :	**0.87**				
			Total Concentration:	**0.87**				
Client ID :	**TT162S1-20241001**							
P4263-12	TT162S1-20241001	Water	1,4-Dioxane	0.260		0.07	0.21	ug/L
			Total Svoc :	**0.26**				
			Total Concentration:	**0.26**				
Client ID :	**RW7-SP100-20241002**							
P4282-01	RW7-SP100-20241002	Water	1,4-Dioxane	5.700	E	0.07	0.2	ug/L
			Total Svoc :	**5.70**				
			Total Concentration:	**5.70**				
Client ID :	**RW7-SP302-20241002**							
P4282-03	RW7-SP302-20241002	Water	1,4-Dioxane	0.100	J	0.07	0.21	ug/L
			Total Svoc :	**0.10**				
			Total Concentration:	**0.10**				
Client ID :	**RW7-SP303-20241002**							
P4282-04	RW7-SP303-20241002	Water	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :	**0.10**				
			Total Concentration:	**0.10**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN091924 SAS No.: BN091924 SDG No.: BN091924

Instrument ID: Calibration Date(s): 9/18/2024

Calibration Time(s): 11:53

LAB FILE ID: RRF0.1 = BN034033.D RRF0.2 = BN034034.D RRF0.4 = BN034035.D
RRF0.8 = BN034036.D RRF1.6 = BN034037.D RRF3.2 = BN034038.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.568	0.554	0.560	0.631	0.627	0.585	0.591	5.4
Fluoranthene-d10	0.965	0.947	0.953	1.059	1.054	1.013	1.009	5.3
n-Nitrosodimethylamine	0.531	0.571	0.550	0.613	0.606	0.560	0.569	5.3
2-Fluorophenol	1.201	1.157	1.069	1.203	1.148	1.080	1.135	5.0
Phenol-d6	1.239	1.215	1.189	1.406	1.401	1.371	1.320	7.7
bis(2-Chloroethyl)ether	1.156	1.095	1.106	1.276	1.223	1.159	1.168	5.4
Nitrobenzene-d5	0.270	0.269	0.280	0.331	0.336	0.321	0.306	10.3
Naphthalene	1.092	1.062	1.056	1.171	1.149	1.068	1.098	4.1
Hexachlorobutadiene	0.216	0.208	0.204	0.219	0.213	0.192	0.207	4.9
2-Methylnaphthalene	0.680	0.671	0.678	0.763	0.759	0.713	0.714	5.5
2-Fluorobiphenyl	1.629	1.576	1.574	1.722	1.693	1.597	1.627	3.6
Acenaphthylene	1.530	1.512	1.537	1.804	1.846	1.838	1.712	10.4
Acenaphthene	1.206	1.182	1.175	1.298	1.272	1.224	1.228	3.7
Fluorene	1.582	1.538	1.528	1.704	1.690	1.618	1.612	4.2
4,6-Dinitro-2-methylphenol		0.042	0.046	0.061	0.065	0.072	0.057	21.9
2,4,6-Tribromophenol	0.162	0.156	0.155	0.187	0.192	0.197	0.181	13.5
4-Bromophenyl-phenylether	0.218	0.210	0.213	0.236	0.236	0.225	0.225	5.0
Hexachlorobenzene	0.250	0.246	0.248	0.259	0.263	0.246	0.252	2.6
Atrazine	0.175	0.170	0.170	0.198	0.197	0.192	0.186	7.5
Pentachlorophenol	0.078	0.065	0.070	0.088	0.095	0.105	0.083	18.3
Phenanthrene	1.153	1.090	1.107	1.196	1.191	1.129	1.149	3.6
Anthracene	0.817	0.826	0.843	0.985	1.008	1.011	0.937	11.2
Fluoranthene	1.249	1.226	1.258	1.405	1.414	1.359	1.331	6.3
Pyrene	1.720	1.641	1.691	1.763	1.713	1.620	1.688	2.9
Terphenyl-d14	0.810	0.767	0.794	0.842	0.821	0.767	0.799	3.5
Benzo(a)anthracene	1.227	1.187	1.178	1.343	1.303	1.272	1.265	5.6
Chrysene	1.487	1.410	1.529	1.610	1.559	1.464	1.510	4.3
Bis(2-ethylhexyl)phthalate		0.628	0.550	0.498	0.457	0.485	0.527	11.6
Benzo(b)fluoranthene	1.427	1.415	1.453	1.625	1.695	1.657	1.567	8.3
Benzo(k)fluoranthene	1.514	1.538	1.626	1.746	1.760	1.628	1.645	5.9
Benzo(a)pyrene	1.167	1.122	1.197	1.335	1.369	1.340	1.277	8.8
Indeno(1,2,3-cd)pyrene	1.594	1.543	1.765	1.863	1.772	1.717	1.714	6.4
Dibenzo(a,h)anthracene	1.212	1.185	1.352	1.458	1.390	1.355	1.331	7.4
Benzo(g,h,i)perylene	1.446	1.408	1.505	1.608	1.534	1.477	1.495	4.3
1,4-Dioxane	0.558	0.536	0.503	0.503	0.488	0.468	0.500	7.7

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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034035.D Time Analyzed: 13:18

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	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
01	PB163828BL	4716	7.37	12767	10.14	7174	14.03
02	RE115D1-20240930	4083	7.37	11213	10.14	6506	14.02
03	RE115D1-20240930MS	4264	7.37	12050	10.13	6663	14.02
04	RE115D1-20240930MSD	4592	7.37	12539	10.13	6820	14.02
05	RE115D2-20240930	4464	7.37	11897	10.13	6686	14.03
06	RE114D1-20240930	4547	7.37	12709	10.13	7204	14.02
07	RE114D2-20240930	4252	7.37	12054	10.13	6850	14.02
08	TT188S1-20240930	4207	7.37	11561	10.13	6606	14.03
09	DUP11-20240930	4598	7.37	12965	10.14	7649	14.02
10	EB04-20241001	4333	7.37	11948	10.13	6655	14.02
11	RE123D1-20241001	4220	7.37	11964	10.13	7259	14.02
12	RW10-MW01S-20241001	4201	7.37	12032	10.14	7050	14.02
13	TT162S1-20241001	4173	7.37	11230	10.14	6541	14.02
14	BPOW6-11-HYD-20241001	4451	7.37	12349	10.13	7093	14.03
15	PB163828BS	5380	7.37	15055	10.13	8011	14.02
16	PB163828BSD	5729	7.37	16345	10.13	6026	14.02
17	PB163903BL	3859	7.38	10903	10.15	6019	14.03
18	PB163903BS	4532	7.37	12434	10.13	6623	14.02
19	BP-TT189D2-GW-20240926	3693	7.37	10532	10.14	6110	14.03
20	BP-TT189D1-GW-20240927	4059	7.37	10555	10.14	6182	14.03
21	PB163903BSD	4988	7.37	13947	10.13	7408	14.02
22	RW7-SP100-20241002	3962	7.37	11068	10.14	6379	14.03
23	RW7-SP201-20241002	4054	7.37	11158	10.13	6232	14.02

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 06:15

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	6856	7.437	19411	10.20	11055	14.08
	UPPER LIMIT	13712	7.937	38822	10.697	22110	14.582
	LOWER LIMIT	3428	6.937	9705.5	9.697	5527.5	13.582
	EPA SAMPLE NO.						
24	RW7-SP302-20241002	3773	7.37	10742	10.14	6232	14.03
25	RW7-SP303-20241002	3686	7.37	10574	10.14	6142	14.03
26	TT101D-20240924DL	3893	7.37	11437	10.14	6850	14.03
27	TT101D1-20240924DL	3856	7.37	10257	10.14	6223	14.03
28	RW10A-MW01I-20240926RE	3674	7.37	10462	10.14	5994	14.02

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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034517.D Time Analyzed: 13:18

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	6079	7.373	17121	10.13	9381	14.02
	UPPER LIMIT	12158	7.873	34242	10.627	18762	14.515
	LOWER LIMIT	3039.5	6.873	8560.5	9.627	4690.5	13.515
	EPA SAMPLE NO.						
01	PB163828BL	4716	7.37	12767	10.14	7174	14.03
02	RE115D1-20240930	4083	7.37	11213	10.14	6506	14.02
03	RE115D1-20240930MS	4264	7.37	12050	10.13	6663	14.02
04	RE115D1-20240930MSD	4592	7.37	12539	10.13	6820	14.02
05	RE115D2-20240930	4464	7.37	11897	10.13	6686	14.03
06	RE114D1-20240930	4547	7.37	12709	10.13	7204	14.02
07	RE114D2-20240930	4252	7.37	12054	10.13	6850	14.02
08	TT188S1-20240930	4207	7.37	11561	10.13	6606	14.03
09	DUP11-20240930	4598	7.37	12965	10.14	7649	14.02
10	EB04-20241001	4333	7.37	11948	10.13	6655	14.02
11	RE123D1-20241001	4220	7.37	11964	10.13	7259	14.02
12	RW10-MW01S-20241001	4201	7.37	12032	10.14	7050	14.02
13	TT162S1-20241001	4173	7.37	11230	10.14	6541	14.02
14	BPOW6-11-HYD-20241001	4451	7.37	12349	10.13	7093	14.03
15	PB163828BS	5380	7.37	15055	10.13	8011	14.02
16	PB163828BSD	5729	7.37	16345	10.13	6026	14.02

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034517.D Time Analyzed: 22:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	6079	7.373	17121	10.13	9381	14.02
UPPER LIMIT	12158	7.873	34242	10.627	18762	14.515
LOWER LIMIT	3039.5	6.873	8560.5	9.627	4690.5	13.515
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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BN034536.D Time Analyzed: 02:02

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	7372	7.373	20497	10.13	11421	14.02
	UPPER LIMIT	14744	7.873	40994	10.627	22842	14.519
	LOWER LIMIT	3686	6.873	10248.5	9.627	5710.5	13.519
	EPA SAMPLE NO.						
01	PB163903BL	3859	7.38	10903	10.15	6019	14.03
02	PB163903BS	4532	7.37	12434	10.13	6623	14.02
03	BP-TT189D2-GW-20240926	3693	7.37	10532	10.14	6110	14.03
04	BP-TT189D1-GW-20240927	4059	7.37	10555	10.14	6182	14.03
05	PB163903BSD	4988	7.37	13947	10.13	7408	14.02
06	RW7-SP100-20241002	3962	7.37	11068	10.14	6379	14.03
07	RW7-SP201-20241002	4054	7.37	11158	10.13	6232	14.02
08	RW7-SP302-20241002	3773	7.37	10742	10.14	6232	14.03
09	RW7-SP303-20241002	3686	7.37	10574	10.14	6142	14.03
10	TT101D-20240924DL	3893	7.37	11437	10.14	6850	14.03
11	TT101D1-20240924DL	3856	7.37	10257	10.14	6223	14.03
12	RW10A-MW01I-20240926RE	3674 *	7.37	10462	10.14	5994	14.02

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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034035.D Time Analyzed: 13:18

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	24256		16.842	18497		21.059	19466		23.186
	UPPER LIMIT	48512		17.342	36994		21.559	38932		23.686
	LOWER LIMIT	12128		16.342	9248.5		20.559	9733		22.686
	EPA SAMPLE NO.									
01	PB163828BL	13270		16.78	7659	*	21.01	11191		23.12
02	RE115D1-20240930	12362		16.78	7593	*	21.01	10565		23.12
03	RE115D1-20240930MS	12138		16.78	6302	*	21.01	10112		23.12
04	RE115D1-20240930MSD	12642		16.78	8052	*	21.01	12411		23.11
05	RE115D2-20240930	12201		16.79	9237	*	21.02	11306		23.12
06	RE114D1-20240930	13646		16.78	8251	*	21.01	11639		23.12
07	RE114D2-20240930	13020		16.78	7655	*	21.01	10465		23.12
08	TT188S1-20240930	12259		16.79	7970	*	21.01	10230		23.12
09	DUP11-20240930	14591		16.78	8330	*	21.01	10743		23.12
10	EB04-20241001	12408		16.78	8167	*	21.01	10036		23.12
11	RE123D1-20241001	14678		16.78	9374		21.01	14874		23.11
12	RW10-MW01S-20241001	13236		16.78	7841	*	21.01	11076		23.12
13	TT162S1-20241001	12618		16.78	8198	*	21.01	11902		23.12
14	BPOW6-11-HYD-20241001	13408		16.79	8009	*	21.01	9425	*	23.11
15	PB163828BS	14993		16.78	6346	*	21.01	8226	*	23.12
16	PB163828BSD	14532		16.78	4039	*	21.01	352	*	23.12
17	PB163903BL	10284	*	16.81	6672	*	21.02	8124	*	23.12
18	PB163903BS	12489		16.78	5675	*	21.01	7797	*	23.12
19	BP-TT189D2-GW-20240926	11661	*	16.78	7236	*	21.01	9224	*	23.11
20	BP-TT189D1-GW-20240927	11706	*	16.79	8588	*	21.01	10546		23.11
21	PB163903BSD	13856		16.78	5816	*	21.01	8088	*	23.11

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 05:02

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	24256		16.842	18497		21.059	19466		23.186
	UPPER LIMIT	48512		17.342	36994		21.559	38932		23.686
	LOWER LIMIT	12128		16.342	9248.5		20.559	9733		22.686
	EPA SAMPLE NO.									
22	RW7-SP100-20241002	11764	*	16.78	7091	*	21.01	9839		23.11
23	RW7-SP201-20241002	11826	*	16.78	6910	*	21.01	5236	*	23.12
24	RW7-SP302-20241002	11232	*	16.79	8126	*	21.01	9006	*	23.12
25	RW7-SP303-20241002	11579	*	16.79	7626	*	21.01	9144	*	23.11
26	TT101D-20240924DL	12995		16.78	7759	*	21.01	9721	*	23.12
27	TT101D1-20240924DL	11665	*	16.79	8777	*	21.02	9615	*	23.12
28	RW10A-MW01I-20240926RE	11026	*	16.78	6969	*	21.01	9347	*	23.12

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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034517.D Time Analyzed: 13:18

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	19786	16.778	12327	21.006	19285	23.114
	UPPER LIMIT	39572	17.278	24654	21.506	38570	23.614
	LOWER LIMIT	9893	16.278	6163.5	20.506	9642.5	22.614
	EPA SAMPLE NO.						
01	PB163828BL	13270	16.78	7659	21.01	11191	23.12
02	RE115D1-20240930	12362	16.78	7593	21.01	10565	23.12
03	RE115D1-20240930MS	12138	16.78	6302	21.01	10112	23.12
04	RE115D1-20240930MSD	12642	16.78	8052	21.01	12411	23.11
05	RE115D2-20240930	12201	16.79	9237	21.02	11306	23.12
06	RE114D1-20240930	13646	16.78	8251	21.01	11639	23.12
07	RE114D2-20240930	13020	16.78	7655	21.01	10465	23.12
08	TT188S1-20240930	12259	16.79	7970	21.01	10230	23.12
09	DUP11-20240930	14591	16.78	8330	21.01	10743	23.12
10	EB04-20241001	12408	16.78	8167	21.01	10036	23.12
11	RE123D1-20241001	14678	16.78	9374	21.01	14874	23.11
12	RW10-MW01S-20241001	13236	16.78	7841	21.01	11076	23.12
13	TT162S1-20241001	12618	16.78	8198	21.01	11902	23.12
14	BPOW6-11-HYD-20241001	13408	16.79	8009	21.01	9425 *	23.11
15	PB163828BS	14993	16.78	6346	21.01	8226 *	23.12
16	PB163828BSD	14532	16.78	4039 *	21.01	352 *	23.12

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

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

Lab File ID: BN034517.D Time Analyzed: 22:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	19786	16.778	12327	21.006	19285	23.114
UPPER LIMIT	39572	17.278	24654	21.506	38570	23.614
LOWER LIMIT	9893	16.278	6163.5	20.506	9642.5	22.614
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.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Oct 11 2024 12:00AM

Lab File ID: BN034536.D Time Analyzed: 02:02

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	22887		16.783	9143	21.008	17348		23.113
	UPPER LIMIT	45774		17.283	18286	21.508	34696		23.613
	LOWER LIMIT	11443.5		16.283	4571.5	20.508	8674		22.613
	EPA SAMPLE NO.								
01	PB163903BL	10284	*	16.81	6672	21.02	8124	*	23.12
02	PB163903BS	12489		16.78	5675	21.01	7797	*	23.12
03	BP-TT189D2-GW-20240926	11661		16.78	7236	21.01	9224		23.11
04	BP-TT189D1-GW-20240927	11706		16.79	8588	21.01	10546		23.11
05	PB163903BSD	13856		16.78	5816	21.01	8088	*	23.11
06	RW7-SP100-20241002	11764		16.78	7091	21.01	9839		23.11
07	RW7-SP201-20241002	11826		16.78	6910	21.01	5236	*	23.12
08	RW7-SP302-20241002	11232	*	16.79	8126	21.01	9006		23.12
09	RW7-SP303-20241002	11579		16.79	7626	21.01	9144		23.11
10	TT101D-20240924DL	12995		16.78	7759	21.01	9721		23.12
11	TT101D1-20240924DL	11665		16.79	8777	21.02	9615		23.12
12	RW10A-MW01I-20240926RE	11026	*	16.78	6969	21.01	9347		23.12

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.: BN101024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163828BS	n-Nitrosodimethylamine	0.4	0.3	ug/L	75				33	130	
	bis(2-Chloroethyl)ether	0.4	0.29	ug/L	73				55	118	
	Naphthalene	0.4	0.36	ug/L	90				67	120	
	Hexachlorobutadiene	0.4	0.41	ug/L	103				33	114	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthene	0.4	0.36	ug/L	90				65	119	
	Total PAH	6.4	6.15	ug/L	96				65	119	
	Fluorene	0.4	0.33	ug/L	83				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.17	ug/L	43				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.47	ug/L	117				62	127	
	Atrazine	0.4	0.35	ug/L	88				20	150	
	Pentachlorophenol	0.8	0.42	ug/L	52				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.37	ug/L	93				57	118	
	Fluoranthene	0.4	0.32	ug/L	80				53	126	
	Pyrene	0.4	0.61	ug/L	153		*		54	124	
	Benzo(a)anthracene	0.4	0.08	ug/L	20		*		54	130	
	Chrysene	0.4	0.53	ug/L	133		*		64	126	
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0		*		40	137	
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				65	121	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				72	119	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.45	ug/L	113				70	127	
	Dibenz(a,h)anthracene	0.4	0.44	ug/L	110				65	121	
	Benzo(g,h,i)perylene	0.4	0.44	ug/L	110				76	117	
	1,4-Dioxane	0.4	0.29	ug/L	73				42	127	
PB163828BSD	n-Nitrosodimethylamine	0.4	0.26	ug/L	65	14			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.33	ug/L	83	13			55	118	20
	Naphthalene	0.4	0.36	ug/L	90	0			67	120	20
	Hexachlorobutadiene	0.4	0.4	ug/L	100	2			33	114	20
	2-Methylnaphthalene	0.4	0.35	ug/L	88	0			50	122	20
	Acenaphthylene	0.4	0.28	ug/L	70	25		*	60	119	20
	Acenaphthene	0.4	0.37	ug/L	93	3			65	119	20
	Total PAH	6.4	22.18	ug/L	347	113	*	*	65	119	20
	Fluorene	0.4	0.45	ug/L	113	31		*	58	122	20
	4,6-Dinitro-2-methylphenol	0.4		ug/L	0		*		20	150	20
	4-Bromophenyl-phenylether	0.4	0.4	ug/L	100	8			20	150	20
	Hexachlorobenzene	0.4	0.5	ug/L	125	6			62	127	20
	Atrazine	0.4		ug/L	0		*		20	150	20
	Pentachlorophenol	0.8	0.99	ug/L	124	81		*	10	137	20
	Phenanthrene	0.4	0.38	ug/L	95	3			65	117	20
	Anthracene	0.4	0.29	ug/L	73	24		*	57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163828BSD	Fluoranthene	0.4	0.25	ug/L	63	25		*	53	126	20
	Pyrene	0.4	0.29	ug/L	73	71		*	54	124	20
	Benzo(a)anthracene	0.4	0.06	ug/L	15	29	*	*	54	130	20
	Chrysene	0.4	0.55	ug/L	138	4	*		64	126	20
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0	0	*		40	137	20
	Benzo(b)fluoranthene	0.4	4.2	ug/L	1050	170	*	*	65	121	20
	Benzo(k)fluoranthene	0.4	2.8	ug/L	700	152	*	*	72	119	20
	Benzo(a)pyrene	0.4	1.7	ug/L	425	122	*	*	68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	2.6	ug/L	650	141	*	*	70	127	20
	Dibenz(a,h)anthracene	0.4	4.6	ug/L	1150	165	*	*	65	121	20
	Benzo(g,h,i)perylene	0.4	3	ug/L	750	149	*	*	76	117	20
	1,4-Dioxane	0.4	1	ug/L	250	110	*	*	42	127	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163903BS	n-Nitrosodimethylamine	0.4	0.31	ug/L	78				33	130	
	bis(2-Chloroethyl)ether	0.4	0.28	ug/L	70				55	118	
	Naphthalene	0.4	0.36	ug/L	90				67	120	
	Hexachlorobutadiene	0.4	0.43	ug/L	108				33	114	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				50	122	
	Acenaphthylene	0.4	0.36	ug/L	90				60	119	
	Acenaphthene	0.4	0.36	ug/L	90				65	119	
	Total PAH	6.4	6.1	ug/L	95				65	119	
	Fluorene	0.4	0.33	ug/L	83				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.17	ug/L	43				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.48	ug/L	120				62	127	
	Atrazine	0.4	0.32	ug/L	80				20	150	
	Pentachlorophenol	0.8	0.61	ug/L	76				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.35	ug/L	88				57	118	
	Fluoranthene	0.4	0.33	ug/L	83				53	126	
	Pyrene	0.4	0.58	ug/L	145		*		54	124	
	Benzo(a)anthracene	0.4	0.09	ug/L	23		*		54	130	
	Chrysene	0.4	0.59	ug/L	147		*		64	126	
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0		*		40	137	
	Benzo(b)fluoranthene	0.4	0.32	ug/L	80				65	121	
	Benzo(k)fluoranthene	0.4	0.38	ug/L	95				72	119	
	Benzo(a)pyrene	0.4	0.4	ug/L	100				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.43	ug/L	108				70	127	
	Dibenz(a,h)anthracene	0.4	0.42	ug/L	105				65	121	
	Benzo(g,h,i)perylene	0.4	0.43	ug/L	108				76	117	
	1,4-Dioxane	0.4	0.31	ug/L	78				42	127	
PB163903BSD	n-Nitrosodimethylamine	0.4	0.31	ug/L	78	0			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.28	ug/L	70	0			55	118	20
	Naphthalene	0.4	0.35	ug/L	88	3			67	120	20
	Hexachlorobutadiene	0.4	0.41	ug/L	103	5			33	114	20
	2-Methylnaphthalene	0.4	0.34	ug/L	85	3			50	122	20
	Acenaphthylene	0.4	0.35	ug/L	88	3			60	119	20
	Acenaphthene	0.4	0.36	ug/L	90	0			65	119	20
	Total PAH	6.4	6	ug/L	94	2			65	119	20
	Fluorene	0.4	0.33	ug/L	83	0			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.17	ug/L	43	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.36	ug/L	90	3			20	150	20
	Hexachlorobenzene	0.4	0.47	ug/L	117	2			62	127	20
	Atrazine	0.4	0.32	ug/L	80	0			20	150	20
	Pentachlorophenol	0.8	0.6	ug/L	75	2			10	137	20
	Phenanthrene	0.4	0.37	ug/L	93	0			65	117	20
	Anthracene	0.4	0.35	ug/L	88	0			57	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN101024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB163903BSD	Fluoranthene	0.4	0.32	ug/L	80	3			53	126	20
	Pyrene	0.4	0.61	ug/L	153	5	*		54	124	20
	Benzo(a)anthracene	0.4	0.09	ug/L	23	0	*		54	130	20
	Chrysene	0.4	0.53	ug/L	133	11	*		64	126	20
	bis(2-Ethylhexyl)phthalate	0.4		ug/L	0	0	*		40	137	20
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83	3			65	121	20
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93	3			72	119	20
	Benzo(a)pyrene	0.4	0.39	ug/L	98	3			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.42	ug/L	105	2			70	127	20
	Dibenz(a,h)anthracene	0.4	0.41	ug/L	103	2			65	121	20
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105	2			76	117	20
	1,4-Dioxane	0.4	0.29	ug/L	73	7			42	127	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163828BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

Lab File ID: BN034518.D Lab Sample ID: PB163828BL

Instrument ID: BNA_N Date Extracted: 10/01/2024

Matrix: (soil/water) Water Date Analyzed: 10/10/2024

Level: (low/med) LOW Time Analyzed: 13:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163828BS	PB163828BS	BN034532.D	10/10/2024
PB163828BSD	PB163828BSD	BN034533.D	10/10/2024
BP-TT189D2-GW-20240926	P4241-02	BN034539.D	10/11/2024
BP-TT189D1-GW-20240927	P4241-03	BN034540.D	10/11/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RE115D1-20240930

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

Lab File ID: BN034519.D Lab Sample ID: P4263-01

Instrument ID: BNA_N Date Extracted: 10/02/2024

Matrix: (soil/water) Water Date Analyzed: 10/10/2024

Level: (low/med) LOW Time Analyzed: 13:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RE115D1-20240930	P4263-01	BN034519.D	10/10/2024
RE115D1-20240930MS	P4263-02MS	BN034520.D	10/10/2024
RE115D1-20240930MSD	P4263-03MSD	BN034521.D	10/10/2024
RE115D2-20240930	P4263-04	BN034522.D	10/10/2024
RE114D1-20240930	P4263-05	BN034523.D	10/10/2024
RE114D2-20240930	P4263-06	BN034524.D	10/10/2024
TT188S1-20240930	P4263-07	BN034525.D	10/10/2024
DUP11-20240930	P4263-08	BN034526.D	10/10/2024
EB04-20241001	P4263-09	BN034527.D	10/10/2024
RE123D1-20241001	P4263-10	BN034528.D	10/10/2024
RW10-MW01S-20241001	P4263-11	BN034529.D	10/10/2024
TT162S1-20241001	P4263-12	BN034530.D	10/10/2024
BPOW6-11-HYD-20241001	P4267-01	BN034531.D	10/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163903BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN101024 SAS No.: BN101024 SDG NO.: BN101024

Lab File ID: BN034537.D Lab Sample ID: PB163903BL

Instrument ID: BNA_N Date Extracted: 10/04/2024

Matrix: (soil/water) Water Date Analyzed: 10/11/2024

Level: (low/med) LOW Time Analyzed: 02:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163903BS	PB163903BS	BN034538.D	10/11/2024
PB163903BSD	PB163903BSD	BN034541.D	10/11/2024
RW7-SP100-20241002	P4282-01	BN034542.D	10/11/2024
RW7-SP201-20241002	P4282-02	BN034543.D	10/11/2024
RW7-SP302-20241002	P4282-03	BN034544.D	10/11/2024
RW7-SP303-20241002	P4282-04	BN034545.D	10/11/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101024

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: P4263-02MS		**Client Sample ID: RE115D1-20240930MS**						**DataFile: BN034520.D**			
n-Nitrosodimethylamine	0.4		0.13	ug/L	33				10	158	
bis(2-Chloroethyl)ether	0.4		0.4	ug/L	100				27	159	
Naphthalene	0.4		0.44	ug/L	110				62	119	
Hexachlorobutadiene	0.4		0.39	ug/L	98				14	140	
2-Methylnaphthalene	0.4		0.43	ug/L	108				70	118	
Acenaphthylene	0.4		0.44	ug/L	110				53	123	
Acenaphthene	0.4		0.44	ug/L	110				57	122	
Total PAH	6.4		7.78	ug/L	122				57	122	
Fluorene	0.4		0.41	ug/L	103				58	123	
4,6-Dinitro-2-methylphenol	0.4		0.17	ug/L	43				20	150	
4-Bromophenyl-phenylether	0.4		0.46	ug/L	115				20	150	
Hexachlorobenzene	0.4		0.5	ug/L	125				31	160	
Atrazine	0.4		0.43	ug/L	108				20	150	
Pentachlorophenol	0.81		0.54	ug/L	67				10	179	
Phenanthrene	0.4		0.5	ug/L	125				64	129	
Anthracene	0.4		0.5	ug/L	125				67	127	
Fluoranthene	0.4		0.48	ug/L	120				55	140	
Pyrene	0.4		0.78	ug/L	195	*			59	137	
Benzo(a)anthracene	0.4		0.07	ug/L	18	*			51	146	
Chrysene	0.4		0.79	ug/L	198	*			61	126	
bis(2-Ethylhexyl)phthalate	0.4			ug/L	0	*			35	175	
Benzo(b)fluoranthene	0.4		0.43	ug/L	108				60	123	
Benzo(k)fluoranthene	0.4		0.47	ug/L	117				61	122	
Benzo(a)pyrene	0.4		0.51	ug/L	128				54	129	
Indeno(1,2,3-cd)pyrene	0.4		0.52	ug/L	130				50	134	
Dibenz(a,h)anthracene	0.4		0.52	ug/L	130	*			53	121	
Benzo(g,h,i)perylene	0.4		0.48	ug/L	120				44	132	
1,4-Dioxane	0.4	4.2	4.7	ug/L	125				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN101024

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: P4263-03MSD		**Client Sample ID: RE115D1-20240930MSD**						**DataFile:**	**BN034521.D**		
n-Nitrosodimethylamine	0.4		0.12	ug/L	30		10		10	158	20
bis(2-Chloroethyl)ether	0.4		0.4	ug/L	100		0		27	159	20
Naphthalene	0.4		0.42	ug/L	105		5		62	119	20
Hexachlorobutadiene	0.4		0.37	ug/L	93		5		14	140	20
2-Methylnaphthalene	0.4		0.41	ug/L	103		5		70	118	20
Acenaphthylene	0.4		0.43	ug/L	108		2		53	123	20
Acenaphthene	0.4		0.43	ug/L	108		2		57	122	20
Total PAH	6.4		7.42	ug/L	116		5		57	122	20
Fluorene	0.4		0.4	ug/L	100		3		58	123	20
4,6-Dinitro-2-methylphenol	0.4		0.17	ug/L	43		0		20	150	20
4-Bromophenyl-phenylether	0.4		0.43	ug/L	108		6		20	150	20
Hexachlorobenzene	0.4		0.48	ug/L	120		4		31	160	20
Atrazine	0.4		0.41	ug/L	103		5		20	150	20
Pentachlorophenol	0.81		0.53	ug/L	65		3		10	179	20
Phenanthrene	0.4		0.48	ug/L	120		4		64	129	20
Anthracene	0.4		0.48	ug/L	120		4		67	127	20
Fluoranthene	0.4		0.49	ug/L	123		2		55	140	20
Pyrene	0.4		0.65	ug/L	162	*	18		59	137	20
Benzo(a)anthracene	0.4		0.07	ug/L	18	*	0		51	146	20
Chrysene	0.4		0.71	ug/L	178	*	11		61	126	20
bis(2-Ethylhexyl)phthalate	0.4			ug/L	0	*			35	175	20
Benzo(b)fluoranthene	0.4		0.42	ug/L	105		3		60	123	20
Benzo(k)fluoranthene	0.4		0.46	ug/L	115		2		61	122	20
Benzo(a)pyrene	0.4		0.49	ug/L	123		4		54	129	20
Indeno(1,2,3-cd)pyrene	0.4		0.51	ug/L	128		2		50	134	20
Dibenz(a,h)anthracene	0.4		0.51	ug/L	128	*	2		53	121	20
Benzo(g,h,i)perylene	0.4		0.47	ug/L	117		3		44	132	20
1,4-Dioxane	0.4	4.2	4.4	ug/L	50		86	*	10	175	20

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4231-01DL	TT101D-20240924	IBN034546.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.33	83		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.22	55		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.20	50		10	131
			Terphenyl-d14	0.4	0.53	133		35	157
P4231-02DL	TT101D1-2024092	BN034547.D	2-Methylnaphthalene-d10	0.4	0.34	85		20	139
			Fluoranthene-d10	0.4	0.40	101		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.03	7	*	10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.35	86		34	132
			2,4,6-Tribromophenol	0.4	0.23	57		10	131
			Terphenyl-d14	0.4	0.46	115		35	157
P4231-04RE	RW10A-MW01I-20	BN034548.D	2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.29	72		27	123
			2-Fluorobiphenyl	0.4	0.37	91		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.64	159	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4241-02	BP-TT189D2-GW-2	BN034539.D	2-Methylnaphthalene-d10	0.4	0.31	77		20	139
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.09	23		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.25	61		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.23	58		10	131
			Terphenyl-d14	0.4	0.58	144		35	157
P4241-03	BP-TT189D1-GW-2	BN034540.D	2-Methylnaphthalene-d10	0.4	0.31	78		20	139
			Fluoranthene-d10	0.4	0.40	99		30	150
			2-Fluorophenol	0.4	0.10	26		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.24	60		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.23	57		10	131
			Terphenyl-d14	0.4	0.65	163	*	35	157
PB163828BL	PB163828BL	BN034518.D	2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.34	84		10	100
			Phenol-d6	0.4	0.20	50		10	100
			Nitrobenzene-d5	0.4	0.27	68		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.16	40		10	131
			Terphenyl-d14	0.4	0.57	142		35	157
PB163828BS	PB163828BS	BN034532.D	2-Methylnaphthalene-d10	0.4	0.50	126		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.32	80		10	100
			Phenol-d6	0.4	0.26	66		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.29	71		10	131
			Terphenyl-d14	0.4	0.67	168	*	35	157
PB163828BSD	PB163828BSD	BN034533.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.25	63		30	150
			2-Fluorophenol	0.4	0.32	81		10	100
			Phenol-d6	0.4	0.24	60		10	100
			Nitrobenzene-d5	0.4	0.32	80		27	123
			2-Fluorobiphenyl	0.4	0.48	120		34	132
			2,4,6-Tribromophenol	0.4	0.47	116		10	131
			Terphenyl-d14	0.4	1.06	265	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4263-01	RE115D1-2024093	(BN034519.D	2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.25	62		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	0.62	155		35	157
P4263-02MS	RE115D1-2024093	(BN034520.D	2-Methylnaphthalene-d10	0.4	0.40	101		20	139
			Fluoranthene-d10	0.4	0.43	106		30	150
			2-Fluorophenol	0.4	0.21	53		10	100
			Phenol-d6	0.4	0.11	27		10	100
			Nitrobenzene-d5	0.4	0.34	85		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.33	83		10	131
			Terphenyl-d14	0.4	0.73	183	*	35	157
P4263-03MSD	RE115D1-2024093	(BN034521.D	2-Methylnaphthalene-d10	0.4	0.39	97		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.20	50		10	100
			Phenol-d6	0.4	0.10	26		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.33	81		10	131
			Terphenyl-d14	0.4	0.61	151		35	157
P4263-04	RE115D2-2024093	(BN034522.D	2-Methylnaphthalene-d10	0.4	0.30	74		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.18	44		10	100
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.24	59		27	123
			2-Fluorobiphenyl	0.4	0.28	69		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.51	127		35	157
P4263-05	RE114D1-2024093	(BN034523.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.22	54		27	123
			2-Fluorobiphenyl	0.4	0.26	64		34	132
			2,4,6-Tribromophenol	0.4	0.25	63		10	131
			Terphenyl-d14	0.4	0.56	141		35	157
P4263-06	RE114D2-2024093	(BN034524.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.13	34		10	100
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.26	66		27	123
			2-Fluorobiphenyl	0.4	0.32	80		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.72	180	*	35	157
P4263-07	TT188S1-20240930	BN034525.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4263-07	TT188S1-20240930	BN034525.D	Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.08	20		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	0.29	74		10	131
			Terphenyl-d14	0.4	0.61	153		35	157
P4263-08	DUP11-20240930	BN034526.D	2-Methylnaphthalene-d10	0.4	0.30	75		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.17	42		10	100
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.22	54		27	123
			2-Fluorobiphenyl	0.4	0.26	66		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.66	164	*	35	157
P4263-09	EB04-20241001	BN034527.D	2-Methylnaphthalene-d10	0.4	0.32	80		20	139
			Fluoranthene-d10	0.4	0.41	103		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.05	14		10	100
			Nitrobenzene-d5	0.4	0.26	64		27	123
			2-Fluorobiphenyl	0.4	0.30	74		34	132
			2,4,6-Tribromophenol	0.4	0.27	68		10	131
			Terphenyl-d14	0.4	0.55	138		35	157
P4263-10	RE123D1-2024100	BN034528.D	2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.48	119		30	150
			2-Fluorophenol	0.4	0.11	26		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.23	58		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.39	97		10	131
			Terphenyl-d14	0.4	0.64	160	*	35	157
P4263-11	RW10-MW01S-202	BN034529.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.25	62		27	123
			2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.30	76		10	131
			Terphenyl-d14	0.4	0.61	153		35	157
P4263-12	TT162S1-20241001	BN034530.D	2-Methylnaphthalene-d10	0.4	0.33	81		20	139
			Fluoranthene-d10	0.4	0.42	105		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.05	11		10	100
			Nitrobenzene-d5	0.4	0.26	65		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.25	62		10	131
			Terphenyl-d14	0.4	0.58	144		35	157
P4267-01	BPOW6-11-HYD-2	BN034531.D	2-Methylnaphthalene-d10	0.4	0.07	16	*	20	139
			Fluoranthene-d10	0.4	0.39	97		30	150

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4267-01	BPOW6-11-HYD-2	BN034531.D	2-Fluorophenol	0.4	0.12	30		10	100
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.28	70		10	131
			Terphenyl-d14	0.4	0.70	174	*	35	157

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4282-01	RW7-SP100-20241(	BN034542.D	2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.24	60		10	131
			Terphenyl-d14	0.4	0.85	211	*	35	157
P4282-02	RW7-SP201-20241(	BN034543.D	2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.43	108		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	67		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.14	34		10	131
			Terphenyl-d14	0.4	0.74	184	*	35	157
P4282-03	RW7-SP302-20241(	BN034544.D	2-Methylnaphthalene-d10	0.4	0.36	89		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.13	33		10	100
			Phenol-d6	0.4	0.06	14		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	0.15	38		10	131
			Terphenyl-d14	0.4	0.60	149		35	157
P4282-04	RW7-SP303-20241(	BN034545.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.44	109		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.05	14		10	100
			Nitrobenzene-d5	0.4	0.31	76		27	123
			2-Fluorobiphenyl	0.4	0.31	76		34	132
			2,4,6-Tribromophenol	0.4	0.22	55		10	131
			Terphenyl-d14	0.4	0.60	150		35	157
PB163903BL	PB163903BL	BN034537.D	2-Methylnaphthalene-d10	0.4	0.36	90		20	139
			Fluoranthene-d10	0.4	0.37	94		30	150
			2-Fluorophenol	0.4	0.35	86		10	100
			Phenol-d6	0.4	0.27	68		10	100
			Nitrobenzene-d5	0.4	0.28	70		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.23	58		10	131
			Terphenyl-d14	0.4	0.46	115		35	157
PB163903BS	PB163903BS	BN034538.D	2-Methylnaphthalene-d10	0.4	0.41	103		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.31	77		10	100
			Phenol-d6	0.4	0.24	60		10	100
			Nitrobenzene-d5	0.4	0.31	77		27	123
			2-Fluorobiphenyl	0.4	0.34	84		34	132
			2,4,6-Tribromophenol	0.4	0.30	74		10	131
			Terphenyl-d14	0.4	0.62	154		35	157
PB163903BSD	PB163903BSD	BN034541.D	2-Methylnaphthalene-d10	0.4	0.51	128		20	139

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Surrogate Summary

SW-846

SDG No.: BN101024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163903BSD	PB163903BSD	BN034541.D	Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.31	77		10	100
			Phenol-d6	0.4	0.24	61		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.33	81		34	132
			2,4,6-Tribromophenol	0.4	0.29	72		10	131
			Terphenyl-d14	0.4	0.64	159	*	35	157

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN101024

Lab Code: CHEM SAS No.: BN101024 SDG NO.: BN101024

Lab File ID: BN034516.D DFTPP Injection Date: 10/10/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.9
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	46.4
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	14 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN034517.D	10/10/2024	12:42
PB163828BL	PB163828BL	BN034518.D	10/10/2024	13:18
RE115D1-20240930	P4263-01	BN034519.D	10/10/2024	13:54
RE115D1-20240930MS	P4263-02MS	BN034520.D	10/10/2024	14:30
RE115D1-20240930MSD	P4263-03MSD	BN034521.D	10/10/2024	15:07
RE115D2-20240930	P4263-04	BN034522.D	10/10/2024	15:43
RE114D1-20240930	P4263-05	BN034523.D	10/10/2024	16:19
RE114D2-20240930	P4263-06	BN034524.D	10/10/2024	16:55
TT188S1-20240930	P4263-07	BN034525.D	10/10/2024	17:31
DUP11-20240930	P4263-08	BN034526.D	10/10/2024	18:07
EB04-20241001	P4263-09	BN034527.D	10/10/2024	18:43
RE123D1-20241001	P4263-10	BN034528.D	10/10/2024	19:19
RW10-MW01S-20241001	P4263-11	BN034529.D	10/10/2024	19:55
TT162S1-20241001	P4263-12	BN034530.D	10/10/2024	20:31
BPOW6-11-HYD-20241001	P4267-01	BN034531.D	10/10/2024	21:07
PB163828BS	PB163828BS	BN034532.D	10/10/2024	21:43
PB163828BSD	PB163828BSD	BN034533.D	10/10/2024	22:19
SSTDCCC0.4EC	SSTDCCC0.4	BN034534.D	10/10/2024	22:55

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN101024

Lab Code: CHEM SAS No.: BN101024 SDG NO.: BN101024

Lab File ID: BN034535.D DFTPP Injection Date: 10/11/2024

Instrument ID: BNA_N DFTPP Injection Time: 00:47

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.3
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.6
443	15.0 - 24.0% of mass 442	14.1 (18.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN034536.D	10/11/2024	01:26
PB163903BL	PB163903BL	BN034537.D	10/11/2024	02:02
PB163903BS	PB163903BS	BN034538.D	10/11/2024	02:38
BP-TT189D2-GW-20240926	P4241-02	BN034539.D	10/11/2024	03:14
BP-TT189D1-GW-20240927	P4241-03	BN034540.D	10/11/2024	03:50
PB163903BSD	PB163903BSD	BN034541.D	10/11/2024	04:26
RW7-SP100-20241002	P4282-01	BN034542.D	10/11/2024	05:02
RW7-SP201-20241002	P4282-02	BN034543.D	10/11/2024	05:38
RW7-SP302-20241002	P4282-03	BN034544.D	10/11/2024	06:15
RW7-SP303-20241002	P4282-04	BN034545.D	10/11/2024	06:51
TT101D-20240924DL	P4231-01DL	BN034546.D	10/11/2024	07:27
TT101D1-20240924DL	P4231-02DL	BN034547.D	10/11/2024	08:03
RW10A-MW01I-20240926RE	P4231-04RE	BN034548.D	10/11/2024	08:39