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.: BN092624 SAS No.: BN092624 SDG No.: BN092624

Instrument ID: BNA_N Calibration Date/Time: 9/26/2024 12 13:58

Lab File ID: BN034247.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	0.519		-12.183	20.0
Fluoranthene-d10	1.009	0.992		-1.685	20.0
n-Nitrosodimethylamine	0.569	0.505		-11.248	20.0
2-Fluorophenol	1.135	0.862		-24.053	20.0
Phenol-d6	1.320	0.766		-41.97	20.0
bis(2-Chloroethyl)ether	1.168	0.932		-20.205	20.0
Nitrobenzene-d5	0.306	0.250		-18.301	20.0
Naphthalene	1.098	1.044		-4.918	20.0
Hexachlorobutadiene	0.207	0.207		0.0	20.0
2-Methylnaphthalene	0.714	0.629		-11.905	20.0
2-Fluorobiphenyl	1.627	1.505		-7.498	20.0
Acenaphthylene	1.712	1.566		-8.528	20.0
Acenaphthene	1.228	1.197		-2.524	20.0
Fluorene	1.612	1.484		-7.94	20.0
4,6-Dinitro-2-methylphenol	0.057	0.006		-89.474	20.0
2,4,6-Tribromophenol	0.181	0.044		-75.691	20.0
4-Bromophenyl-phenylether	0.225	0.214		-4.889	20.0
Hexachlorobenzene	0.252	0.258		2.381	20.0
Atrazine	0.186	0.159		-14.516	20.0
Pentachlorophenol	0.083	0.015		-81.928	20.0
Phenanthrene	1.149	1.102		-4.091	20.0
Anthracene	0.937	0.839		-10.459	20.0
Fluoranthene	1.331	1.299		-2.404	20.0
Pyrene	1.688	1.836		8.768	20.0
Terphenyl-d14	0.799	0.802		0.375	20.0
Benzo(a)anthracene	1.265	0.704		-44.348	20.0
Chrysene	1.510	1.358		-10.066	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.112		-78.748	20.0
Benzo(b)fluoranthene	1.567	1.391		-11.232	20.0
Benzo(k)fluoranthene	1.645	1.702		3.465	20.0
Benzo(a)pyrene	1.277	1.208		-5.403	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.489		-13.127	20.0
Dibenzo(a,h)anthracene	1.331	1.117		-16.078	20.0
Benzo(g,h,i)perylene	1.495	1.364		-8.763	20.0
1,4-Dioxane	0.500	0.552		10.4	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.: BN092624 SAS No.: BN092624 SDG No.: BN092624

Instrument ID: BNA_N Calibration Date/Time: 9/27/2024 12 00:36

Lab File ID: BN034260.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	0.476		-19.459	50.0
Fluoranthene-d10	1.009	0.868		-13.974	50.0
n-Nitrosodimethylamine	0.569	0.588		3.339	50.0
2-Fluorophenol	1.135	0.870		-23.348	50.0
Phenol-d6	1.320	0.787		-40.379	50.0
bis(2-Chloroethyl)ether	1.168	0.935		-19.949	50.0
Nitrobenzene-d5	0.306	0.258		-15.686	50.0
Naphthalene	1.098	1.046		-4.736	50.0
Hexachlorobutadiene	0.207	0.210		1.449	50.0
2-Methylnaphthalene	0.714	0.602		-15.686	50.0
2-Fluorobiphenyl	1.627	1.460		-10.264	50.0
Acenaphthylene	1.712	1.506		-12.033	50.0
Acenaphthene	1.228	1.144		-6.84	50.0
Fluorene	1.612	1.378		-14.516	50.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	50.0
2,4,6-Tribromophenol	0.181	0.050		-72.376	50.0
4-Bromophenyl-phenylether	0.225	0.203		-9.778	50.0
Hexachlorobenzene	0.252	0.257		1.984	50.0
Atrazine	0.186	0.154		-17.204	50.0
Pentachlorophenol	0.083	0.024		-71.084	50.0
Phenanthrene	1.149	1.134		-1.305	50.0
Anthracene	0.937	0.825		-11.953	50.0
Fluoranthene	1.331	1.202		-9.692	50.0
Pyrene	1.688	1.795		6.339	50.0
Terphenyl-d14	0.799	0.681		-14.768	50.0
Benzo(a)anthracene	1.265	0.635		-49.802	50.0
Chrysene	1.510	1.447		-4.172	50.0
Bis(2-ethylhexyl)phthalate	0.527	0.142		-73.055	50.0
Benzo(b)fluoranthene	1.567	1.350		-13.848	50.0
Benzo(k)fluoranthene	1.645	1.658		0.79	50.0
Benzo(a)pyrene	1.277	1.210		-5.247	50.0
Indeno(1,2,3-cd)pyrene	1.714	1.647		-3.909	50.0
Dibenzo(a,h)anthracene	1.331	1.239		-6.912	50.0
Benzo(g,h,i)perylene	1.495	1.590		6.355	50.0
1,4-Dioxane	0.500	0.541		8.2	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.: BN092624 SAS No.: BN092624 SDG No.: BN092624

Instrument ID: BNA_N Calibration Date/Time: 9/27/2024 12 03:43

Lab File ID: BN034262.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	0.498		-15.736	20.0
Fluoranthene-d10	1.009	0.954		-5.451	20.0
n-Nitrosodimethylamine	0.569	0.578		1.582	20.0
2-Fluorophenol	1.135	0.994		-12.423	20.0
Phenol-d6	1.320	0.882		-33.182	20.0
bis(2-Chloroethyl)ether	1.168	0.969		-17.038	20.0
Nitrobenzene-d5	0.306	0.251		-17.974	20.0
Naphthalene	1.098	1.048		-4.554	20.0
Hexachlorobutadiene	0.207	0.212		2.415	20.0
2-Methylnaphthalene	0.714	0.615		-13.866	20.0
2-Fluorobiphenyl	1.627	1.568		-3.626	20.0
Acenaphthylene	1.712	1.599		-6.6	20.0
Acenaphthene	1.228	1.230		0.163	20.0
Fluorene	1.612	1.493		-7.382	20.0
4,6-Dinitro-2-methylphenol	0.057	0.005		-91.228	20.0
2,4,6-Tribromophenol	0.181	0.062		-65.746	20.0
4-Bromophenyl-phenylether	0.225	0.205		-8.889	20.0
Hexachlorobenzene	0.252	0.258		2.381	20.0
Atrazine	0.186	0.164		-11.828	20.0
Pentachlorophenol	0.083	0.032		-61.446	20.0
Phenanthrene	1.149	1.114		-3.046	20.0
Anthracene	0.937	0.842		-10.139	20.0
Fluoranthene	1.331	1.276		-4.132	20.0
Pyrene	1.688	1.796		6.398	20.0
Terphenyl-d14	0.799	0.750		-6.133	20.0
Benzo(a)anthracene	1.265	0.626		-50.514	20.0
Chrysene	1.510	1.502		-0.53	20.0
Bis(2-ethylhexyl)phthalate	0.527	0.143		-72.865	20.0
Benzo(b)fluoranthene	1.567	1.401		-10.593	20.0
Benzo(k)fluoranthene	1.645	1.743		5.957	20.0
Benzo(a)pyrene	1.277	1.266		-0.861	20.0
Indeno(1,2,3-cd)pyrene	1.714	1.752		2.217	20.0
Dibenzo(a,h)anthracene	1.331	1.306		-1.878	20.0
Benzo(g,h,i)perylene	1.495	1.595		6.689	20.0
1,4-Dioxane	0.500	0.595		19.0	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BL			SDG No.:	BN092624
Lab Sample ID:	PB163672BL			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
BN034248.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BL			SDG No.:	BN092624
Lab Sample ID:	PB163672BL			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
BN034248.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.292		20-139		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.35		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.255		10-100		64	SPK: -0.4
13127-88-3	Phenol-d6	0.139		10-100		35	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.251		27-123		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.286		34-132		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.045		10-131		11	SPK: -0.4
1718-51-0	Terphenyl-d14	0.396		35-157		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5612	7.402				
1146-65-2	Naphthalene-d8	14438	10.159				
15067-26-2	Acenaphthene-d10	7493	14.051				
1517-22-2	Phenanthrene-d10	13463	16.808				
1719-03-5	Chrysene-d12	9123	21.026				
1520-96-3	Perylene-d12	8825	23.136				

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240919DL	SDG No.:	BN092624
Lab Sample ID:	P4164-08DL	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
BN034249.D	2	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	6.1	D	0.14	0.4	0.4	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240919DL			SDG No.:	BN092624
Lab Sample ID:	P4164-08DL			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
BN034249.D	2	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.268		20-139		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.362		30-150		90	SPK: -0.4
367-12-4	2-Fluorophenol	0.144		10-100		36	SPK: -0.4
13127-88-3	Phenol-d6	0.05		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.194		27-123		49	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.28		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.112		10-131		28	SPK: -0.4
1718-51-0	Terphenyl-d14	0.386		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4656	7.394				
1146-65-2	Naphthalene-d8	12082	10.159				
15067-26-2	Acenaphthene-d10	6297	14.04				
1517-22-2	Phenanthrene-d10	11632	16.808				
1719-03-5	Chrysene-d12	8724	21.026				
1520-96-3	Perylene-d12	9213	23.136				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D3-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-09			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
BN034250.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	6.8	E	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D3-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-09			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
BN034250.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.211		20-139		53	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.279		30-150		70	SPK: -0.4
367-12-4	2-Fluorophenol	0.068		10-100		17	SPK: -0.4
13127-88-3	Phenol-d6	0.023	*	10-100		6	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.169		27-123		42	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.219		34-132		55	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.024	*	10-131		6	SPK: -0.4
1718-51-0	Terphenyl-d14	0.344		35-157		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5489	7.401				
1146-65-2	Naphthalene-d8	14925	10.158				
15067-26-2	Acenaphthene-d10	7773	14.051				
1517-22-2	Phenanthrene-d10	14022	16.808				
1719-03-5	Chrysene-d12	8991	21.026				
1520-96-3	Perylene-d12	8037	23.136				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D4-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-10			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
BN034251.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.1		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RE134D4-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-10			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
BN034251.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.255		20-139		64	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.352		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.102		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.035	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.208		27-123		52	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.268		34-132		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.059		10-131		15	SPK: -0.4
1718-51-0	Terphenyl-d14	0.405		35-157		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4871	7.402				
1146-65-2	Naphthalene-d8	12972	10.159				
15067-26-2	Acenaphthene-d10	6441	14.051				
1517-22-2	Phenanthrene-d10	11131	16.808				
1719-03-5	Chrysene-d12	7583	21.026				
1520-96-3	Perylene-d12	6875	23.133				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D2-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-11			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
BN034252.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	1.6		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D2-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-11			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
BN034252.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.293		20-139		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.353		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.162		10-100		41	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.253		27-123		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.308		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.081		10-131		20	SPK: -0.4
1718-51-0	Terphenyl-d14	0.407		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5235	7.402				
1146-65-2	Naphthalene-d8	13458	10.159				
15067-26-2	Acenaphthene-d10	6674	14.051				
1517-22-2	Phenanthrene-d10	12156	16.808				
1719-03-5	Chrysene-d12	8279	21.026				
1520-96-3	Perylene-d12	8196	23.133				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D1-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-12			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
BN034253.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.9		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE139D1-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-12			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
BN034253.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.385		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.16		10-100		40	SPK: -0.4
13127-88-3	Phenol-d6	0.056		10-100		14	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	0.041		10-131		10	SPK: -0.4
1718-51-0	Terphenyl-d14	0.431		35-157		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5113	7.401				
1146-65-2	Naphthalene-d8	12848	10.159				
15067-26-2	Acenaphthene-d10	6584	14.051				
1517-22-2	Phenanthrene-d10	11837	16.808				
1719-03-5	Chrysene-d12	8341	21.026				
1520-96-3	Perylene-d12	7635	23.136				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D3-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-15			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
BN034254.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.35		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	RE135D3-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-15			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
BN034254.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.284		20-139		71	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.113		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.039		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.235		27-123		59	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.074		10-131		19	SPK: -0.4
1718-51-0	Terphenyl-d14	0.446		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5059	7.401				
1146-65-2	Naphthalene-d8	13390	10.159				
15067-26-2	Acenaphthene-d10	7030	14.051				
1517-22-2	Phenanthrene-d10	12942	16.808				
1719-03-5	Chrysene-d12	8592	21.026				
1520-96-3	Perylene-d12	7854	23.133				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	DUP06-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-16			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
BN034255.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.5		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	DUP06-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-16			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
BN034255.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.278		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.103		10-100		26	SPK: -0.4
13127-88-3	Phenol-d6	0.032	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.228		27-123		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.083		10-131		21	SPK: -0.4
1718-51-0	Terphenyl-d14	0.386		35-157		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4703	7.394				
1146-65-2	Naphthalene-d8	11855	10.159				
15067-26-2	Acenaphthene-d10	6067	14.051				
1517-22-2	Phenanthrene-d10	10843	16.808				
1719-03-5	Chrysene-d12	8011	21.017				
1520-96-3	Perylene-d12	8263	23.13				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-17			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
BN034256.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	3.8		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-17			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
BN034256.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.352		30-150		88	SPK: -0.4
367-12-4	2-Fluorophenol	0.11		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.037	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.245		27-123		61	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.32		34-132		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.181		10-131		45	SPK: -0.4
1718-51-0	Terphenyl-d14	0.423		35-157		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5297	7.401				
1146-65-2	Naphthalene-d8	14815	10.159				
15067-26-2	Acenaphthene-d10	7830	14.04				
1517-22-2	Phenanthrene-d10	14821	16.796				
1719-03-5	Chrysene-d12	9879	21.017				
1520-96-3	Perylene-d12	9250	23.13				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-18			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
BN034257.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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	0.21		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT180D-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-18			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
BN034257.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.331		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.392		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.117		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.036	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.268		27-123		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.333		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.094		10-131		23	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	5185	7.402				
1146-65-2	Naphthalene-d8	13406	10.159				
15067-26-2	Acenaphthene-d10	6857	14.051				
1517-22-2	Phenanthrene-d10	12223	16.808				
1719-03-5	Chrysene-d12	8105	21.017				
1520-96-3	Perylene-d12	7905	23.13				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	BPOW1-7-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-19			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
BN034258.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

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:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	BPOW1-7-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-19			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
BN034258.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.282		20-139		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.378		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.107		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.034	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.239		27-123		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.093		10-131		23	SPK: -0.4
1718-51-0	Terphenyl-d14	0.447		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4700	7.402				
1146-65-2	Naphthalene-d8	12729	10.159				
15067-26-2	Acenaphthene-d10	6455	14.051				
1517-22-2	Phenanthrene-d10	11218	16.808				
1719-03-5	Chrysene-d12	7450	21.017				
1520-96-3	Perylene-d12	7231	23.13				

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BS			SDG No.:	BN092624
Lab Sample ID:	PB163672BS			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
BN034259.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.38		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.26		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.33		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.34		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.19		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.28		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.32		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.3		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.13	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.32		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.29		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.19		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.33		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.33		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.36		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BS			SDG No.:	BN092624
Lab Sample ID:	PB163672BS			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
BN034259.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.385		20-139		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.296		30-150		74	SPK: -0.4
367-12-4	2-Fluorophenol	0.247		10-100		62	SPK: -0.4
13127-88-3	Phenol-d6	0.191		10-100		48	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.302		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.317		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.082		10-131		20	SPK: -0.4
1718-51-0	Terphenyl-d14	0.366		35-157		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5853	7.402				
1146-65-2	Naphthalene-d8	15311	10.148				
15067-26-2	Acenaphthene-d10	7098	14.04				
1517-22-2	Phenanthrene-d10	12095	16.808				
1719-03-5	Chrysene-d12	7096	21.017				
1520-96-3	Perylene-d12	6316	23.133				

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BL			SDG No.:	BN092624
Lab Sample ID:	PB163672BL			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
BN034263.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163672BL			SDG No.:	BN092624
Lab Sample ID:	PB163672BL			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
BN034263.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.276		20-139		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.329		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.283		10-100		71	SPK: -0.4
13127-88-3	Phenol-d6	0.151		10-100		38	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.247		27-123		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.059		10-131		15	SPK: -0.4
1718-51-0	Terphenyl-d14	0.365		35-157		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4938	7.402				
1146-65-2	Naphthalene-d8	12503	10.159				
15067-26-2	Acenaphthene-d10	6141	14.051				
1517-22-2	Phenanthrene-d10	9955	16.808				
1719-03-5	Chrysene-d12	6647	21.026				
1520-96-3	Perylene-d12	6562	23.133				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	BPOW1-8-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-20			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
BN034264.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	BPOW1-8-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-20			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
BN034264.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.329		20-139		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.372		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.112		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.035	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.27		27-123		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.332		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.107		10-131		27	SPK: -0.4
1718-51-0	Terphenyl-d14	0.426		35-157		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4503	7.394				
1146-65-2	Naphthalene-d8	11773	10.159				
15067-26-2	Acenaphthene-d10	5960	14.04				
1517-22-2	Phenanthrene-d10	10715	16.796				
1719-03-5	Chrysene-d12	7462	21.017				
1520-96-3	Perylene-d12	7656	23.13				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	MW181S1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-21			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
BN034265.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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	0.29		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	MW181S1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-21			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
BN034265.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.271		20-139		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.384		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.138		10-100		34	SPK: -0.4
13127-88-3	Phenol-d6	0.055		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.22		27-123		55	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		34-132		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.076		10-131		19	SPK: -0.4
1718-51-0	Terphenyl-d14	0.409		35-157		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4213	7.394				
1146-65-2	Naphthalene-d8	10737	10.159				
15067-26-2	Acenaphthene-d10	5348	14.04				
1517-22-2	Phenanthrene-d10	9681	16.796				
1719-03-5	Chrysene-d12	7251	21.017				
1520-96-3	Perylene-d12	6457	23.13				

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT150S1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-22			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
BN034266.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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	0.33		0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	9/23/2024 12:00:00 AM
Project:				Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TT150S1-20240923			SDG No.:	BN092624
Lab Sample ID:	P4164-22			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
BN034266.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.333		20-139		83	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.383		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.166		10-100		41	SPK: -0.4
13127-88-3	Phenol-d6	0.061		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.277		27-123		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.344		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.072		10-131		18	SPK: -0.4
1718-51-0	Terphenyl-d14	0.44		35-157		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4573	7.394				
1146-65-2	Naphthalene-d8	11852	10.159				
15067-26-2	Acenaphthene-d10	5851	14.04				
1517-22-2	Phenanthrene-d10	10195	16.796				
1719-03-5	Chrysene-d12	6910	21.017				
1520-96-3	Perylene-d12	6380	23.13				

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Report of Analysis

Client:				Date Collected:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	EB02-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-23			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
BN034267.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	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:	9/20/2024 12:00:00 AM
Project:				Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	EB02-20240920			SDG No.:	BN092624
Lab Sample ID:	P4164-23			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
BN034267.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.384		30-150		96	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-100		35	SPK: -0.4
13127-88-3	Phenol-d6	0.074		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.318		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.353		34-132		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.119		10-131		30	SPK: -0.4
1718-51-0	Terphenyl-d14	0.447		35-157		112	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4544	7.394				
1146-65-2	Naphthalene-d8	12051	10.148				
15067-26-2	Acenaphthene-d10	6032	14.04				
1517-22-2	Phenanthrene-d10	10716	16.796				
1719-03-5	Chrysene-d12	7265	21.017				
1520-96-3	Perylene-d12	7133	23.13				

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919	SDG No.:	BN092624
Lab Sample ID:	P4164-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034268.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

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	0.74		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919			SDG No.:	BN092624
Lab Sample ID:	P4164-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN034268.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.266		20-139		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.372		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.097		10-100		24	SPK: -0.4
13127-88-3	Phenol-d6	0.043		10-100		11	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.23		27-123		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.265		34-132		66	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.091		10-131		23	SPK: -0.4
1718-51-0	Terphenyl-d14	0.391		35-157		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4325	7.394				
1146-65-2	Naphthalene-d8	10694	10.159				
15067-26-2	Acenaphthene-d10	5523	14.04				
1517-22-2	Phenanthrene-d10	9868	16.808				
1719-03-5	Chrysene-d12	7875	21.017				
1520-96-3	Perylene-d12	8173	23.13				

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919MS			SDG No.:	BN092624
Lab Sample ID:	P4164-02MS			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
BN034269.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.18	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.3		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.33		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.27		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	7.37		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.34		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	J	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.35		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.37		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.17		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.39		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.45		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.21		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.43		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.69		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.73		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.53		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.6		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.88		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919MS			SDG No.:	BN092624
Lab Sample ID:	P4164-02MS			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
BN034269.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.382		20-139		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.347		30-150		87	SPK: -0.4
367-12-4	2-Fluorophenol	0.155		10-100		39	SPK: -0.4
13127-88-3	Phenol-d6	0.073		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.3		27-123		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.317		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.134		10-131		34	SPK: -0.4
1718-51-0	Terphenyl-d14	0.479		35-157		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4787	7.394				
1146-65-2	Naphthalene-d8	13027	10.148				
15067-26-2	Acenaphthene-d10	6117	14.04				
1517-22-2	Phenanthrene-d10	11625	16.796				
1719-03-5	Chrysene-d12	6943	21.017				
1520-96-3	Perylene-d12	3676	23.133				

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Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919MSD	SDG No.:	BN092624
Lab Sample ID:	P4164-03MSD	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
BN034270.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.18	J	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.37		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	0.3		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.29		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	8.81		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	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	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.14		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.45		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.42		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.37		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.4		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.18		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.5		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	0.95		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.92		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.65		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.83		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.82		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.97		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	RW8-MW01S-20240919MSD			SDG No.:	BN092624
Lab Sample ID:	P4164-03MSD			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
BN034270.D	1	9/25/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163672

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.397		20-139		99	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.37		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.167		10-100		42	SPK: -0.4
13127-88-3	Phenol-d6	0.076		10-100		19	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.311		27-123		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.348		34-132		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.148		10-131		37	SPK: -0.4
1718-51-0	Terphenyl-d14	0.49		35-157		123	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4300	7.394				
1146-65-2	Naphthalene-d8	11134	10.148				
15067-26-2	Acenaphthene-d10	4994	14.041				
1517-22-2	Phenanthrene-d10	9551	16.796				
1719-03-5	Chrysene-d12	6231	21.017				
1520-96-3	Perylene-d12	2901	23.128				

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Hit Summary Sheet
SW-846

SDG No.: BN092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RW8-MW01S-20240919								
P4164-01	RW8-MW01S-20240919	Water	1,4-Dioxane	0.740		0.07	0.2	ug/L
			Total Svoc :			**0.74**		
			Total Concentration:			**0.74**		
Client ID : RE134D2-20240919DL								
P4164-08DL	RE134D2-20240919DL	Water	1,4-Dioxane	6.100	D	0.14	0.4	ug/L
			Total Svoc :			**6.10**		
			Total Concentration:			**6.10**		
Client ID : RE134D3-20240919								
P4164-09	RE134D3-20240919	Water	1,4-Dioxane	6.800	E	0.07	0.2	ug/L
			Total Svoc :			**6.80**		
			Total Concentration:			**6.80**		
Client ID : RE134D4-20240919								
P4164-10	RE134D4-20240919	Water	1,4-Dioxane	2.100		0.07	0.21	ug/L
P4164-10	RE134D4-20240919	Water	Pyrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :			**2.12**		
			Total Concentration:			**2.12**		
Client ID : RE139D2-20240920								
P4164-11	RE139D2-20240920	Water	1,4-Dioxane	1.600		0.07	0.21	ug/L
			Total Svoc :			**1.60**		
			Total Concentration:			**1.60**		
Client ID : RE139D1-20240920								
P4164-12	RE139D1-20240920	Water	1,4-Dioxane	1.900		0.07	0.2	ug/L
P4164-12	RE139D1-20240920	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4164-12	RE139D1-20240920	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
P4164-12	RE139D1-20240920	Water	Pyrene	0.020	J	0.02	0.1	ug/L
			Total Svoc :			**1.97**		
			Total Concentration:			**1.97**		
Client ID : RE135D3-20240920								
P4164-15	RE135D3-20240920	Water	1,4-Dioxane	0.350		0.07	0.2	ug/L
			Total Svoc :			**0.35**		
			Total Concentration:			**0.35**		
Client ID : DUP06-20240919								
P4164-16	DUP06-20240919	Water	1,4-Dioxane	1.500		0.07	0.2	ug/L
P4164-16	DUP06-20240919	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4164-16	DUP06-20240919	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4164-16	DUP06-20240919	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**1.58**		
			Total Concentration:			**1.58**		
Client ID :	**TT180D1-20240923**							
P4164-17	TT180D1-20240923	Water	1,4-Dioxane	3.800		0.07	0.21	ug/L
			Total Svoc :			**3.80**		
			Total Concentration:			**3.80**		
Client ID :	**TT180D-20240923**							
P4164-18	TT180D-20240923	Water	1,4-Dioxane	0.210		0.07	0.21	ug/L
			Total Svoc :			**0.21**		
			Total Concentration:			**0.21**		
Client ID :	**MW181S1-20240923**							
P4164-21	MW181S1-20240923	Water	1,4-Dioxane	0.290		0.07	0.2	ug/L
			Total Svoc :			**0.29**		
			Total Concentration:			**0.29**		
Client ID :	**TT150S1-20240923**							
P4164-22	TT150S1-20240923	Water	1,4-Dioxane	0.330		0.07	0.21	ug/L
			Total Svoc :			**0.33**		
			Total Concentration:			**0.33**		
Client ID :	**EB02-20240920**							
P4164-23	EB02-20240920	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P4164-23	EB02-20240920	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**0.05**		
			Total Concentration:			**0.05**		

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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 17:14

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #		RT #
	12 HOUR STD	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	PB163672BL	5612	7.40	14438	10.16	7493		14.05
02	RE134D2-20240919DL	4656	7.39	12082	10.16	6297		14.04
03	RE134D3-20240919	5489	7.40	14925	10.16	7773		14.05
04	RE134D4-20240919	4871	7.40	12972	10.16	6441		14.05
05	RE139D2-20240920	5235	7.40	13458	10.16	6674		14.05
06	RE139D1-20240920	5113	7.40	12848	10.16	6584		14.05
07	RE135D3-20240920	5059	7.40	13390	10.16	7030		14.05
08	DUP06-20240919	4703	7.39	11855	10.16	6067		14.05
09	TT180D1-20240923	5297	7.40	14815	10.16	7830		14.04
10	TT180D-20240923	5185	7.40	13406	10.16	6857		14.05
11	BPOW1-7-20240923	4700	7.40	12729	10.16	6455		14.05
12	PB163672BS	5853	7.40	15311	10.15	7098		14.04
13	PB163672BL	4938	7.40	12503	10.16	6141		14.05
14	BPOW1-8-20240923	4503	7.39	11773	10.16	5960		14.04
15	MW181S1-20240923	4213	7.39	10737	10.16	5348	*	14.04
16	TT150S1-20240923	4573	7.39	11852	10.16	5851		14.04
17	EB02-20240920	4544	7.39	12051	10.15	6032		14.04
18	RW8-MW01S-20240919	4325	7.39	10694	10.16	5523	*	14.04
19	RW8-MW01S-20240919MS	4787	7.39	13027	10.15	6117		14.04
20	RW8-MW01S-20240919MSD	4300	7.39	11134	10.15	4994	*	14.04

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 08:33

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.						

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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034247.D Time Analyzed: 17:14

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	6259	7.394	17310	10.15	8735	14.05
	UPPER LIMIT	12518	7.894	34620	10.648	17470	14.547
	LOWER LIMIT	3129.5	6.894	8655	9.648	4367.5	13.547
	EPA SAMPLE NO.						
01	PB163672BL	5612	7.40	14438	10.16	7493	14.05
02	RE134D2-20240919DL	4656	7.39	12082	10.16	6297	14.04
03	RE134D3-20240919	5489	7.40	14925	10.16	7773	14.05
04	RE134D4-20240919	4871	7.40	12972	10.16	6441	14.05
05	RE139D2-20240920	5235	7.40	13458	10.16	6674	14.05
06	RE139D1-20240920	5113	7.40	12848	10.16	6584	14.05
07	RE135D3-20240920	5059	7.40	13390	10.16	7030	14.05
08	DUP06-20240919	4703	7.39	11855	10.16	6067	14.05
09	TT180D1-20240923	5297	7.40	14815	10.16	7830	14.04
10	TT180D-20240923	5185	7.40	13406	10.16	6857	14.05
11	BPOW1-7-20240923	4700	7.40	12729	10.16	6455	14.05
12	PB163672BS	5853	7.40	15311	10.15	7098	14.04

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

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* 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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BN034262.D Time Analyzed: 04:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4932	7.394	13121	10.15	6152	14.04
	UPPER LIMIT	9864	7.894	26242	10.648	12304	14.54
	LOWER LIMIT	2466	6.894	6560.5	9.648	3076	13.54
	EPA SAMPLE NO.						
01	PB163672BL	4938	7.40	12503	10.16	6141	14.05
02	BPOW1-8-20240923	4503	7.39	11773	10.16	5960	14.04
03	MW181S1-20240923	4213	7.39	10737	10.16	5348	14.04
04	TT150S1-20240923	4573	7.39	11852	10.16	5851	14.04
05	EB02-20240920	4544	7.39	12051	10.15	6032	14.04
06	RW8-MW01S-20240919	4325	7.39	10694	10.16	5523	14.04
07	RW8-MW01S-20240919MS	4787	7.39	13027	10.15	6117	14.04
08	RW8-MW01S-20240919MSD	4300	7.39	11134	10.15	4994	14.04

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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 17:14

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

		IS4 (PHN) AREA #		RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	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	PB163672BL	13463		16.81	9123	*	21.03	8825	*	23.14
02	RE134D2-20240919DL	11632	*	16.81	8724	*	21.03	9213	*	23.14
03	RE134D3-20240919	14022		16.81	8991	*	21.03	8037	*	23.14
04	RE134D4-20240919	11131	*	16.81	7583	*	21.03	6875	*	23.13
05	RE139D2-20240920	12156		16.81	8279	*	21.03	8196	*	23.13
06	RE139D1-20240920	11837	*	16.81	8341	*	21.03	7635	*	23.14
07	RE135D3-20240920	12942		16.81	8592	*	21.03	7854	*	23.13
08	DUP06-20240919	10843	*	16.81	8011	*	21.02	8263	*	23.13
09	TT180D1-20240923	14821		16.80	9879		21.02	9250	*	23.13
10	TT180D-20240923	12223		16.81	8105	*	21.02	7905	*	23.13
11	BPOW1-7-20240923	11218	*	16.81	7450	*	21.02	7231	*	23.13
12	PB163672BS	12095	*	16.81	7096	*	21.02	6316	*	23.13
13	PB163672BL	9955	*	16.81	6647	*	21.03	6562	*	23.13
14	BPOW1-8-20240923	10715	*	16.80	7462	*	21.02	7656	*	23.13
15	MW181S1-20240923	9681	*	16.80	7251	*	21.02	6457	*	23.13
16	TT150S1-20240923	10195	*	16.80	6910	*	21.02	6380	*	23.13
17	EB02-20240920	10716	*	16.80	7265	*	21.02	7133	*	23.13
18	RW8-MW01S-20240919	9868	*	16.81	7875	*	21.02	8173	*	23.13
19	RW8-MW01S-20240919MS	11625	*	16.80	6943	*	21.02	3676	*	23.13
20	RW8-MW01S-20240919MSD	9551	*	16.80	6231	*	21.02	2901	*	23.13

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BN034035.D Time Analyzed: 08:33

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.						

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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BN034247.D Time Analyzed: 17:14

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	17972	16.803	12986	21.015	12936		23.128
	UPPER LIMIT	35944	17.303	25972	21.515	25872		23.628
	LOWER LIMIT	8986	16.303	6493	20.515	6468		22.628
	EPA SAMPLE NO.							
01	PB163672BL	13463	16.81	9123	21.03	8825		23.14
02	RE134D2-20240919DL	11632	16.81	8724	21.03	9213		23.14
03	RE134D3-20240919	14022	16.81	8991	21.03	8037		23.14
04	RE134D4-20240919	11131	16.81	7583	21.03	6875		23.13
05	RE139D2-20240920	12156	16.81	8279	21.03	8196		23.13
06	RE139D1-20240920	11837	16.81	8341	21.03	7635		23.14
07	RE135D3-20240920	12942	16.81	8592	21.03	7854		23.13
08	DUP06-20240919	10843	16.81	8011	21.02	8263		23.13
09	TT180D1-20240923	14821	16.80	9879	21.02	9250		23.13
10	TT180D-20240923	12223	16.81	8105	21.02	7905		23.13
11	BPOW1-7-20240923	11218	16.81	7450	21.02	7231		23.13
12	PB163672BS	12095	16.81	7096	21.02	6316	*	23.13

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.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BN034262.D Time Analyzed: 04:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	12553	16.796	9348	21.017	10352		23.127
	UPPER LIMIT	25106	17.296	18696	21.517	20704		23.627
	LOWER LIMIT	6276.5	16.296	4674	20.517	5176		22.627
	EPA SAMPLE NO.							
01	PB163672BL	9955	16.81	6647	21.03	6562		23.13
02	BPOW1-8-20240923	10715	16.80	7462	21.02	7656		23.13
03	MW181S1-20240923	9681	16.80	7251	21.02	6457		23.13
04	TT150S1-20240923	10195	16.80	6910	21.02	6380		23.13
05	EB02-20240920	10716	16.80	7265	21.02	7133		23.13
06	RW8-MW01S-20240919	9868	16.81	7875	21.02	8173		23.13
07	RW8-MW01S-20240919MS	11625	16.80	6943	21.02	3676	*	23.13
08	RW8-MW01S-20240919MSD	9551	16.80	6231	21.02	2901	*	23.13

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.: BN092624

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163672BS	n-Nitrosodimethylamine	0.4	0.38	ug/L	95				33	130	
	bis(2-Chloroethyl)ether	0.4	0.26	ug/L	65				55	118	
	Naphthalene	0.4	0.33	ug/L	83				67	120	
	Hexachlorobutadiene	0.4	0.34	ug/L	85				33	114	
	2-Methylnaphthalene	0.4	0.3	ug/L	75				50	122	
	Acenaphthylene	0.4	0.32	ug/L	80				60	119	
	Acenaphthene	0.4	0.33	ug/L	83				65	119	
	Total PAH	6.4	5.19	ug/L	81				65	119	
	Fluorene	0.4	0.28	ug/L	70				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.16	ug/L	40				20	150	
	4-Bromophenyl-phenylether	0.4	0.32	ug/L	80				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.3	ug/L	75				20	150	
	Pentachlorophenol	0.8	0.13	ug/L	16				10	137	
	Phenanthrene	0.4	0.34	ug/L	85				65	117	
	Anthracene	0.4	0.32	ug/L	80				57	118	
	Fluoranthene	0.4	0.29	ug/L	73				53	126	
	Pyrene	0.4	0.4	ug/L	100				54	124	
	Benzo(a)anthracene	0.4	0.19	ug/L	48		*		54	130	
	Chrysene	0.4	0.33	ug/L	83				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0	ug/L	0		*		40	137	
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				65	121	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				72	119	
	Benzo(a)pyrene	0.4	0.35	ug/L	88				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				70	127	
	Dibenz(a,h)anthracene	0.4	0.33	ug/L	83				65	121	
	Benzo(g,h,i)perylene	0.4	0.36	ug/L	90				76	117	
	1,4-Dioxane	0.4	0.3	ug/L	75				42	127	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163672BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN092624 SAS No.: BN092624 SDG NO.: BN092624

Lab File ID: BN034248.D Lab Sample ID: PB163672BL

Instrument ID: BNA_N Date Extracted: 09/25/2024

Matrix: (soil/water) Water Date Analyzed: 09/26/2024

Level: (low/med) LOW Time Analyzed: 17:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BPOW1-8-20240923	P4164-20	BN034264.D	09/27/2024
MW181S1-20240923	P4164-21	BN034265.D	09/27/2024
TT150S1-20240923	P4164-22	BN034266.D	09/27/2024
EB02-20240920	P4164-23	BN034267.D	09/27/2024
RW8-MW01S-20240919	P4164-01	BN034268.D	09/27/2024
RW8-MW01S-20240919MS	P4164-02MS	BN034269.D	09/27/2024
RW8-MW01S-20240919MSD	P4164-03MSD	BN034270.D	09/27/2024
RE134D3-20240919	P4164-09	BN034250.D	09/26/2024
RE134D4-20240919	P4164-10	BN034251.D	09/26/2024
RE139D2-20240920	P4164-11	BN034252.D	09/26/2024
RE139D1-20240920	P4164-12	BN034253.D	09/26/2024
RE135D3-20240920	P4164-15	BN034254.D	09/26/2024
DUP06-20240919	P4164-16	BN034255.D	09/26/2024
TT180D1-20240923	P4164-17	BN034256.D	09/26/2024
TT180D-20240923	P4164-18	BN034257.D	09/26/2024
BPOW1-7-20240923	P4164-19	BN034258.D	09/26/2024
PB163672BS	PB163672BS	BN034259.D	09/27/2024

COMMENTS:

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN092624

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: P4164-02MS		**Client Sample ID: RW8-MW01S-20240919MS**						**DataFile: BN034269.D**			
n-Nitrosodimethylamine	0.41		0.18	ug/L	44				10	158	
bis(2-Chloroethyl)ether	0.41		0.3	ug/L	73				27	159	
Naphthalene	0.41		0.33	ug/L	80				62	119	
Hexachlorobutadiene	0.41		0.27	ug/L	66				14	140	
2-Methylnaphthalene	0.41		0.31	ug/L	76				70	118	
Acenaphthylene	0.41		0.29	ug/L	71				53	123	
Acenaphthene	0.41		0.35	ug/L	85				57	122	
Total PAH	6.56		7.37	ug/L	112				57	122	
Fluorene	0.41		0.34	ug/L	83				58	123	
4,6-Dinitro-2-methylphenol	0.41		0.16	ug/L	39				20	150	
4-Bromophenyl-phenylether	0.41		0.35	ug/L	85				20	150	
Hexachlorobenzene	0.41		0.37	ug/L	90				31	160	
Atrazine	0.41		0.17	ug/L	41				20	150	
Pentachlorophenol	0.82		0.39	ug/L	48				10	179	
Phenanthrene	0.41		0.4	ug/L	98				64	129	
Anthracene	0.41		0.36	ug/L	88				67	127	
Fluoranthene	0.41		0.38	ug/L	93				55	140	
Pyrene	0.41		0.45	ug/L	110				59	137	
Benzo(a)anthracene	0.41		0.21	ug/L	51				51	146	
Chrysene	0.41		0.43	ug/L	105				61	126	
bis(2-Ethylhexyl)phthalate	0.41		0.14	ug/L	34	*			35	175	
Benzo(b)fluoranthene	0.41		0.69	ug/L	168	*			60	123	
Benzo(k)fluoranthene	0.41		0.73	ug/L	178	*			61	122	
Benzo(a)pyrene	0.41		0.53	ug/L	129				54	129	
Indeno(1,2,3-cd)pyrene	0.41		0.61	ug/L	149	*			50	134	
Dibenz(a,h)anthracene	0.41		0.67	ug/L	163	*			53	121	
Benzo(g,h,i)perylene	0.41		0.6	ug/L	146	*			44	132	
1,4-Dioxane	0.41	0.74	0.88	ug/L	34				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN092624

Client:

Analytical Method: 8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4164-03MSD		**Client Sample ID: RW8-MW01S-20240919MSD**						**DataFile:**	**BN034270.D**		
n-Nitrosodimethylamine	0.41		0.18	ug/L	44		0		10	158	20
bis(2-Chloroethyl)ether	0.41		0.37	ug/L	90		21	*	27	159	20
Naphthalene	0.41		0.35	ug/L	85		6		62	119	20
Hexachlorobutadiene	0.41		0.3	ug/L	73		10		14	140	20
2-Methylnaphthalene	0.41		0.33	ug/L	80		5		70	118	20
Acenaphthylene	0.41		0.29	ug/L	71		0		53	123	20
Acenaphthene	0.41		0.37	ug/L	90		6		57	122	20
Total PAH	6.56		8.81	ug/L	134	*	18		57	122	20
Fluorene	0.41		0.36	ug/L	88		6		58	123	20
4,6-Dinitro-2-methylphenol	0.41		0.15	ug/L	37		5		20	150	20
4-Bromophenyl-phenylether	0.41		0.37	ug/L	90		6		20	150	20
Hexachlorobenzene	0.41		0.4	ug/L	98		9		31	160	20
Atrazine	0.41		0.14	ug/L	34		19		20	150	20
Pentachlorophenol	0.82		0.45	ug/L	55		14		10	179	20
Phenanthrene	0.41		0.42	ug/L	102		4		64	129	20
Anthracene	0.41		0.37	ug/L	90		2		67	127	20
Fluoranthene	0.41		0.4	ug/L	98		5		55	140	20
Pyrene	0.41		0.4	ug/L	98		12		59	137	20
Benzo(a)anthracene	0.41		0.18	ug/L	44	*	15		51	146	20
Chrysene	0.41		0.5	ug/L	122		15		61	126	20
bis(2-Ethylhexyl)phthalate	0.41		0	ug/L	0	*	200	*	35	175	20
Benzo(b)fluoranthene	0.41		0.95	ug/L	232	*	32	*	60	123	20
Benzo(k)fluoranthene	0.41		0.92	ug/L	224	*	23	*	61	122	20
Benzo(a)pyrene	0.41		0.65	ug/L	159	*	21	*	54	129	20
Indeno(1,2,3-cd)pyrene	0.41		0.83	ug/L	202	*	30	*	50	134	20
Dibenz(a,h)anthracene	0.41		1	ug/L	244	*	40	*	53	121	20
Benzo(g,h,i)perylene	0.41		0.82	ug/L	200	*	31	*	44	132	20
1,4-Dioxane	0.41	0.74	0.97	ug/L	56		49	*	10	175	20

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Surrogate Summary

SW-846

SDG No.: BN092624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4164-01	RW8-MW01S-2024	BN034268.D	2-Methylnaphthalene-d10	0.4	0.27	67		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.10	24		10	100
			Phenol-d6	0.4	0.04	11		10	100
			Nitrobenzene-d5	0.4	0.23	57		27	123
			2-Fluorobiphenyl	0.4	0.27	66		34	132
			2,4,6-Tribromophenol	0.4	0.09	23		10	131
			Terphenyl-d14	0.4	0.39	98		35	157
P4164-02MS	RW8-MW01S-2024	BN034269.D	2-Methylnaphthalene-d10	0.4	0.38	95		20	139
			Fluoranthene-d10	0.4	0.35	87		30	150
			2-Fluorophenol	0.4	0.16	39		10	100
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.13	34		10	131
			Terphenyl-d14	0.4	0.48	120		35	157
P4164-03MSD	RW8-MW01S-2024	BN034270.D	2-Methylnaphthalene-d10	0.4	0.40	99		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.17	42		10	100
			Phenol-d6	0.4	0.08	19		10	100
			Nitrobenzene-d5	0.4	0.31	78		27	123
			2-Fluorobiphenyl	0.4	0.35	87		34	132
			2,4,6-Tribromophenol	0.4	0.15	37		10	131
			Terphenyl-d14	0.4	0.49	123		35	157
P4164-08DL	RE134D2-2024091	BN034249.D	2-Methylnaphthalene-d10	0.4	0.27	67		20	139
			Fluoranthene-d10	0.4	0.36	90		30	150
			2-Fluorophenol	0.4	0.14	36		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.19	49		27	123
			2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.11	28		10	131
			Terphenyl-d14	0.4	0.39	97		35	157
P4164-09	RE134D3-2024091	BN034250.D	2-Methylnaphthalene-d10	0.4	0.21	53		20	139
			Fluoranthene-d10	0.4	0.28	70		30	150
			2-Fluorophenol	0.4	0.07	17		10	100
			Phenol-d6	0.4	0.02	6	*	10	100
			Nitrobenzene-d5	0.4	0.17	42		27	123
			2-Fluorobiphenyl	0.4	0.22	55		34	132
			2,4,6-Tribromophenol	0.4	0.02	6	*	10	131
			Terphenyl-d14	0.4	0.34	86		35	157
P4164-10	RE134D4-2024091	BN034251.D	2-Methylnaphthalene-d10	0.4	0.26	64		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.21	52		27	123
			2-Fluorobiphenyl	0.4	0.27	67		34	132
			2,4,6-Tribromophenol	0.4	0.06	15		10	131
			Terphenyl-d14	0.4	0.41	101		35	157
P4164-11	RE139D2-2024092	BN034252.D	2-Methylnaphthalene-d10	0.4	0.29	73		20	139

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Surrogate Summary

SW-846

SDG No.: BN092624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4164-11	RE139D2-2024092(	BN034252.D	Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.16	41		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.25	63		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.08	20		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P4164-12	RE139D1-2024092(	BN034253.D	2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.39	96		30	150
			2-Fluorophenol	0.4	0.16	40		10	100
			Phenol-d6	0.4	0.06	14		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	0.04	10		10	131
			Terphenyl-d14	0.4	0.43	108		35	157
P4164-15	RE135D3-2024092(	BN034254.D	2-Methylnaphthalene-d10	0.4	0.28	71		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.24	59		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.07	19		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P4164-16	DUP06-20240919	BN034255.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.10	26		10	100
			Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.23	57		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.08	21		10	131
			Terphenyl-d14	0.4	0.39	97		35	157
P4164-17	TT180D1-2024092:	BN034256.D	2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.25	61		27	123
			2-Fluorobiphenyl	0.4	0.32	80		34	132
			2,4,6-Tribromophenol	0.4	0.18	45		10	131
			Terphenyl-d14	0.4	0.42	106		35	157
P4164-18	TT180D-20240923	BN034257.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.04	9	*	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	0.09	23		10	131
			Terphenyl-d14	0.4	0.46	115		35	157
P4164-19	BPOW1-7-2024092	BN034258.D	2-Methylnaphthalene-d10	0.4	0.28	70		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150

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Surrogate Summary

SW-846

SDG No.: BN092624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4164-19	BPOW1-7-2024092	BN034258.D	2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.03	9	*	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	0.09	23		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
P4164-20	BPOW1-8-2024092	BN034264.D	2-Methylnaphthalene-d10	0.4	0.33	82		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.04	9	*	10	100
			Nitrobenzene-d5	0.4	0.27	68		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.11	27		10	131
			Terphenyl-d14	0.4	0.43	106		35	157
P4164-21	MW181S1-2024092	BN034265.D	2-Methylnaphthalene-d10	0.4	0.27	68		20	139
			Fluoranthene-d10	0.4	0.38	96		30	150
			2-Fluorophenol	0.4	0.14	34		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.22	55		27	123
			2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.08	19		10	131
			Terphenyl-d14	0.4	0.41	102		35	157
P4164-22	TT150S1-20240923	BN034266.D	2-Methylnaphthalene-d10	0.4	0.33	83		20	139
			Fluoranthene-d10	0.4	0.38	96		30	150
			2-Fluorophenol	0.4	0.17	41		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.28	69		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.07	18		10	131
			Terphenyl-d14	0.4	0.44	110		35	157
P4164-23	EB02-20240920	BN034267.D	2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.38	96		30	150
			2-Fluorophenol	0.4	0.14	35		10	100
			Phenol-d6	0.4	0.07	19		10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.35	88		34	132
			2,4,6-Tribromophenol	0.4	0.12	30		10	131
			Terphenyl-d14	0.4	0.45	112		35	157
PB163672BL	PB163672BL	BN034263.D	2-Methylnaphthalene-d10	0.4	0.28	69		20	139
		BN034248.D	2-Methylnaphthalene-d10	0.4	0.29	73		20	139
			Fluoranthene-d10	0.4	0.35	88		30	150
		BN034263.D	Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.28	71		10	100
		BN034248.D	2-Fluorophenol	0.4	0.26	64		10	100
			Phenol-d6	0.4	0.14	35		10	100
		BN034263.D	Phenol-d6	0.4	0.15	38		10	100
			Nitrobenzene-d5	0.4	0.25	62		27	123
		BN034248.D	Nitrobenzene-d5	0.4	0.25	63		27	123
			2-Fluorobiphenyl	0.4	0.29	72		34	132

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Surrogate Summary

SW-846

SDG No.: BN092624

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163672BL	PB163672BL	BN034263.D	2-Fluorobiphenyl	0.4	0.29	71		34	132
			2,4,6-Tribromophenol	0.4	0.06	15		10	131
		BN034248.D	2,4,6-Tribromophenol	0.4	0.05	11		10	131
			Terphenyl-d14	0.4	0.40	99		35	157
		BN034263.D	Terphenyl-d14	0.4	0.37	91		35	157
PB163672BS	PB163672BS	BN034259.D	2-Methylnaphthalene-d10	0.4	0.39	96		20	139
			Fluoranthene-d10	0.4	0.30	74		30	150
			2-Fluorophenol	0.4	0.25	62		10	100
			Phenol-d6	0.4	0.19	48		10	100
			Nitrobenzene-d5	0.4	0.30	75		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.08	20		10	131
			Terphenyl-d14	0.4	0.37	91		35	157

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN092624

Lab Code: CHEM SAS No.: BN092624 SDG NO.: BN092624

Lab File ID: BN034246.D DFTPP Injection Date: 09/26/2024

Instrument ID: BNA_N DFTPP Injection Time: 13:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.3
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.1
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	6.8
275	10.0 - 60.0% of mass 198	26.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	71.9
443	15.0 - 24.0% of mass 442	12.1 (16.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN034247.D	09/26/2024	13:58
PB163672BL	PB163672BL	BN034248.D	09/26/2024	17:14
RE134D2-20240919DL	P4164-08DL	BN034249.D	09/26/2024	17:56
RE134D3-20240919	P4164-09	BN034250.D	09/26/2024	18:33
RE134D4-20240919	P4164-10	BN034251.D	09/26/2024	19:09
RE139D2-20240920	P4164-11	BN034252.D	09/26/2024	19:46
RE139D1-20240920	P4164-12	BN034253.D	09/26/2024	20:22
RE135D3-20240920	P4164-15	BN034254.D	09/26/2024	20:58
DUP06-20240919	P4164-16	BN034255.D	09/26/2024	21:35
TT180D1-20240923	P4164-17	BN034256.D	09/26/2024	22:11
TT180D-20240923	P4164-18	BN034257.D	09/26/2024	22:47
BPOW1-7-20240923	P4164-19	BN034258.D	09/26/2024	23:23
PB163672BS	PB163672BS	BN034259.D	09/27/2024	00:00
SSTDCCC0.4EC	SSTDCCC0.4	BN034260.D	09/27/2024	00:36

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN092624

Lab Code: CHEM SAS No.: BN092624 SDG NO.: BN092624

Lab File ID: BN034261.D DFTPP Injection Date: 09/27/2024

Instrument ID: BNA_N DFTPP Injection Time: 01:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.2
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	53.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	63.4
443	15.0 - 24.0% of mass 442	12 (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	BN034262.D	09/27/2024	03:43
PB163672BL	PB163672BL	BN034263.D	09/27/2024	04:20
BPOW1-8-20240923	P4164-20	BN034264.D	09/27/2024	04:56
MW181S1-20240923	P4164-21	BN034265.D	09/27/2024	05:32
TT150S1-20240923	P4164-22	BN034266.D	09/27/2024	06:09
EB02-20240920	P4164-23	BN034267.D	09/27/2024	06:45
RW8-MW01S-20240919	P4164-01	BN034268.D	09/27/2024	07:21
RW8-MW01S-20240919MS	P4164-02MS	BN034269.D	09/27/2024	07:57
RW8-MW01S-20240919MSD	P4164-03MSD	BN034270.D	09/27/2024	08:33